

# The CTAN Bibliography

Herbert Voß\*

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## 1 Bibliography data

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

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

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

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

Currently there are 6433 bibliography data entries. The file `ctan.bib` will be created new every day.

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\*hvoss@tug.org

## Bibliography list by package name

A	2	B	8	C	18	D	28	E	34	F	40	G	46	H	50	I	53	J	57
K	58	L	60	M	69	N	77	O	80	P	82	Q	93	R	94	S	97	T	106
U	117	V	120	W	121	X	123	Y	125	Z	126								

Package	Caption	Author	Page
<b>AAAAA</b>			
a0poster	Support for designing posters on large paper	Kettl, Weiser	279
a2ac	AFM to AFM plus Composites	Olšák	374
a2ping	Advanced PS, PDF, EPS converter	Szabó	468
a4	Support for A4 paper sizes	Poppelier, Braams	393
a4wide	"Wide" a4 layout	Holt, Lamy	259
a5comb	Support for a5 paper sizes	Wolczko	537
aaai-named	BibTeX style for AAAI	Patel-Schneider	383
aaai	AAAI style	Patel-Schneider	383
Aalok	L <sup>A</sup> T <sub>E</sub> X class file for the Marathi journal 'Aalok'	Unknown	498
aastex	Macros for Manuscript Preparation for AAS Journals	AAS	131
abbr	Simple macros supporting abbreviations for Plain and L <sup>A</sup> T <sub>E</sub> X	Thành	481
abbrevs	Text abbreviations in L <sup>A</sup> T <sub>E</sub> X	Swift	464
abc	Support ABC music notation in L <sup>A</sup> T <sub>E</sub> X	Gregorio	236
abc2mtex	Notate tunes stored in ABC notation	Walshaw	527
abnt	Typesetting academic works according to ABNT rules	Cherem	176
abntex2	Typeset technical and scientific Brazilian documents based on ABNT rules	Araujo	132
abntexto	L <sup>A</sup> T <sub>E</sub> X class for formatting academic papers in ABNT standards	Abreu	127
Aboensis	A late medieval OpenType cursive font	Syrjänen	465
abraces	Asymmetric over-/underbraces in maths	Grundlingh	238
abspos	Absolute placement with coffins	Hetland	254
abstbook	Books of abstracts	Havlik	248
abstr-collect	Print a collection of abstracts	Balemi	138
abstract	Control the typesetting of the abstract environment	Robertson, Wilson	409
abstyles-babel	Adaptable styles for use with Babel	Bautista	142
abstyles-orig	Adaptable BibTeX styles	Bode	153
academicons	Font containing high quality icons of online academic profiles	Fernandes	210
accanthis	Accanthis fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	476
accenti	Extra accented character macros, designed for Italian	Bosisio	156
accents-cs	Create a VF for the accents used in Czech/Slovak	Zlatuska	551
accents	Multiple mathematical accents	Bezos López	318
accessibility	Create tagged and structured PDF files	Clifton	181
accfonts	Utilities to derive new fonts from existing ones	Smith	449
accsupp	Better accessibility support for PDF files	Oberdiek	366
achemso	Support for American Chemical Society journal submissions	Wright, Dahlgren	539
achicago-bst	Chicago Manual BibTeX style	Swift	464
achicago	Chicago Manual citations in L <sup>A</sup> T <sub>E</sub> X	Swift	464
acm	ACM document style	Leichter	312
acmart	Class for typesetting publications of ACM	Veytsman	512
acmconf	Class for ACM conference proceedings	Vollmer	518
acmproc	Style option for ACM proceedings	Lamport	306
acmtrans	Class and BibTeX style for ACM Transactions	Lamport, Appel, Boyland	306
acro	Typeset acronyms	Niederberger	360
acroflex	Create a graphing widget in a PDF file	Story	458
acromake	Make commands for acronyms	Thompson	490
AcroMemory	Memory games in L <sup>A</sup> T <sub>E</sub> X	Story	458
acronym	Expand acronyms at least once	Oetiker, Oberdiek	373

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
acronym209	An algorithm package developed for L <sup>A</sup> T <sub>E</sub> X 2.09	Kewley	279
acoreloadpdf	Reload-the-current-PDF utility for Adobe Reader on Unix systems	Grahn	232
AcroSort	Sort sliced image into order	Story	458
acroterm	Manage and index acronyms and terms	Voß	524
acrotex-js	JavaScript files used by acrotex and other packages	Story	458
acrotex-web	Establish a page layout for an on-screen (PDF) document	Story	458
acrotex	The AcroTeX education bundle	Story	458
acroweb	Scripts to create interactive tests from a database	Mařík	333
acs	L <sup>A</sup> T <sub>E</sub> X 2.09 support for Advances in Control Systems	Unknown	498
active-conf	Class for typesetting ACTIVE conference papers	Robertson	407
actuarialangle	Angle symbol denoting a duration in actuarial and financial notation	Goulet	232
actuarialsymbol	Actuarial symbols of life contingencies and financial mathematics	Goulet, Beauchemin	232
adami	A DOS system for working with Tamil	Srinivasan	454
add-wes	A "book" style for Addison-Wesley house style	Barton-Davis, Mansfield	141
addfont	Easier use of fonts without L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	272
addindex	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Gil	226
addliga	Access basic ligatures in legacy TrueType fonts	Miller	344
addlines	A user-friendly wrapper around \enlargethispage	Robertson	407
address	Generate form letters and address labels	Wester, Damrau	530
AddTeX2Eps	Use L <sup>A</sup> T <sub>E</sub> X syntax on EPS figures, within Mathematica	Slavič	448
adfathesis	Australian Defence Force Academy thesis format	Harker	247
adfor	OrnamentsADF font with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	401
adfsymbols	SymbolsADF with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	402
adhocfilelist	'\listfiles' entries from the command line	Lück	324
adigraph	Augmenting directed graphs	Cappelletti	168
adjmulticol	Adjusting margins for multicolumn and single column output	Veytsman	512
adjustbox	Graphics package-alike macros for "general" boxes	Scharrer	424
adobe-euro	Metric and map files for the Adobe Euro fonts	Unknown	498
adobecasl	Adobe Caslon font in L <sup>A</sup> T <sub>E</sub> X	Veytsman	512
adobemapping	Adobe cmap and pdfmapping files	Adobe	127
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	233
adrconv	BibTeX styles to implement an address database	Kielhorn	281
adrlist	Using address lists in L <sup>A</sup> T <sub>E</sub> X	Spribille	454
adrtrees	Macros for drawing adpositional trees	Benini, Gobbo	148
advdate	Print a date relative to "today"	Wagner	525
ae	Virtual fonts for T1 encoded CMR-fonts	Engelbrechtsen	204
aeb-minitoc	Create mini-tocs	Story	458
aeb-mlink	Multi-line links with hyperref	Story	458
aeb-mobile	Format PDF files for use on a smartphone	Story	458
AeB Pro	Items from the AeB Pro Family of Software	Story	458
aeb-tilebg	AeB Tiling Backgrounds	Story	458
aeb_dad	A drag-and-drop matching game with PDF files	Story	459
aebenvelope	The AeB Pro eEnvelope System	Story	459
AeB slicing	An image slicer	Story	458
aebXMP	Add advanced metadata to PDF files	Story	459
aecc	Almost European Concrete Roman virtual fonts	Rivera	406
aeguill	Add several kinds of guillemets to the ae fonts	Roegel	412
aesupp	Special support for the æ character	Jørgensen	272
AFMtoPL (Clark)	Convert AFM files to PLs for use with dvitops	Clark	180
AFMtoPL (Elwell)	An early converter from AFM to PL	Elwell	204
AFMtopl (Wolczko)	Unix utilities for translating AFM files to PL	Wolczko	537
afparticle	Typesetting articles for Archives of Forensic Psychology	Veytsman	512
afterpackage	Add commands to package after it's loaded	Rozhenko	419
afterpage	Execute command after the next page break	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	171
afthesis	Air Force Institute of Technology thesis class	Young	545

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
aguplus	Styles for American Geophysical Union	Daly	187
aiaa	Typeset AIAA conference papers	Kleb	284
aichej	Bibliography style file for the AIChE Journal	Schaber	424
aifont	Remap Computer Modern fonts	Collins	183
ajl	BibTeX style for AJL	Nash	357
AkkTeX	A collection of packages and classes	Akkerman	128
akletter	Comprehensive letter support	Kielhorn	281
akshar	Support for syllables in the Devanagari script	Vũ	524
alatex	Abstract L <sup>A</sup> T <sub>E</sub> X	Swift	464
albatross	Find fonts that contain a given glyph	Island of TeX	265
alchemist	Typeset alchemist and astrological symbols	Buxbaum	167
alegreya	Alegreya fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	476
aleph	Extended T <sub>E</sub> X	Bilotta, T <sub>E</sub> XLive	151
alertmessage	Alert messages for L <sup>A</sup> T <sub>E</sub> X	Dupuis	199
AlfaSlabOne	The Alfa Slab One font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
alg	L <sup>A</sup> T <sub>E</sub> X environments for typesetting algorithms	Ulfberg	497
algobox	Typeset Algobox programs	Rivaud	406
algotrevived	A revival of Frutiger's Algol alphabet	Sharpe	439
algorithm2e	Floating algorithm environment with algorithmic keywords	Fiorio, Kokan	213
algorithmicx	The algorithmic style you always wanted	János	268
algorithms	A suite of tools for typesetting algorithms in pseudo-code	Brito, Williams	161
algpseudocodex	Package for typesetting pseudocode	Matt	336
algxpar	Support multiple lines pseudocode	Moreira	350
aliascnt	Alias counters	Oberdiek	366
aligned-overset	Fix alignment at \overset or \underset	Krüger	300
alkalami	A font for Arabic-based writing systems in Nigeria and Niger	Tennent	476
allegno	Automatic numbering of all equations	Thornburg	490
allrunes	Fonts and L <sup>A</sup> T <sub>E</sub> X package for almost all runes	Werner	530
alltt	Everything in tt font, but obey commands and line endings	Lamport, Braams, L <sup>A</sup> T <sub>E</sub> X Team	306
alltt2	Indented version of alltt	Wolczko, Lamport	537
almendra	Almendra fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	477
almfixed	Arabic-Latin Modern Fixed extends T <sub>E</sub> X-Gyre Latin Modern Mono 10 Regular to full Arabic Unicode support	Hamid	243
alnumsec	Alphanumeric section numbering	Küster	304
alpha-persian	Persian version of alpha.bst	Shapour	439
alpha	Editor for the Macintosh with good T <sub>E</sub> X support	Keleher	277
alphabib	Add alphabetical headers into citations	Hilléreau	255
alphalph	Convert numbers to letters	Oberdiek	366
alphanum-bst	Modified alpha BibTeX style	Thomas	489
alphanum	Sectioning commands for jura	Braun	159
alphanumb	A modification of alpha.bst	Thomas	489
alterqcm	Multiple choice questionnaires in two column tables	Matthes, Syropoulos, Dimou	337
altfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	284
altnline	Line numbering in L <sup>A</sup> T <sub>E</sub> X 2.09	Fortune	217
altsubsup	Subscripts and superscripts with square brackets	Labbé	305
altverse	Typesetting verse	Shipunov	443
ama	AMA manual of style citations	Kort, Trickey	297
ametsoc	Official American Meteorological Society L <sup>A</sup> T <sub>E</sub> X Template	Papa, AMeteoS	382
amiri	A classical Arabic typeface, Naskh style	Hosny	260
amiweb2c-guide	How to install AmiWeb2c	Finnberg	213
amiweb2c	An Amiga port of web2C	Scherer	427
ams-cd	AMSTeX Commutative Diagrams for L <sup>A</sup> T <sub>E</sub> X	Hankerson	243
ams2bib	Convert AMS-TeX style bibliography entries to BibTeX	Werschulz	530

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
amsaddr	Alter the position of affiliations in amsart	Lelong	313
amsart	L <sup>A</sup> T <sub>E</sub> X document class for AMS math journal articles	The AMS	482
amsbook	L <sup>A</sup> T <sub>E</sub> X document class for AMS books	The AMS	482
amsbsy	Produce bold math symbols (AMS-LaTeX)	L <sup>A</sup> T <sub>E</sub> X Team	484
amscd	AMS-L <sup>A</sup> T <sub>E</sub> X commutative diagrams	L <sup>A</sup> T <sub>E</sub> X Team	484
amscdx	Enhanced commutative diagrams	Vermeer	511
amscls-doc	User documentation for AMS document classes	The AMS	482
amscls	AMS document classes for L <sup>A</sup> T <sub>E</sub> X	The AMS	482
amsfonts	T <sub>E</sub> X fonts from the American Mathematical Society	The AMS	482
amslatex-primer	Getting up and running with AMS-LaTeX	Hirschhorn	255
amslatex	Mathematical enhancements for L <sup>A</sup> T <sub>E</sub> X	The AMS	482
amslatexdoc-vie...	Vietnamese translation of AMSL <sup>A</sup> T <sub>E</sub> X documentation	Huynh	263
amsltx11	AMS-LaTeX, original version (obsolete)	The AMS	482
amsmath-it	Italian translations of some old amsmath documents	Ferrante, de Bari	210
amsmath	AMS mathematical facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	484
amsidx	Support for multiple indexes in AMS Classes	The AMS	482
amsopn	Typeset mathematical operator names	L <sup>A</sup> T <sub>E</sub> X Team	484
amspell	ASCII and L <sup>A</sup> T <sub>E</sub> X spell checker	Merckens, Frambach	342
amsppt	AMS-TeX article preprint document style	The AMS	482
amsppt1	AMS-TeX v.2 compatibility for amsppt.sty v.1	The AMS	482
amsproc	L <sup>A</sup> T <sub>E</sub> X document class for AMS conference proceedings	The AMS	482
amsrefs	A L <sup>A</sup> T <sub>E</sub> X-based replacement for BibTeX	The AMS, Downes, Jones	483
amstex	American Mathematical Society plain T <sub>E</sub> X macros	The AMS	483
amstext	Typeset text fragments in mathematics	L <sup>A</sup> T <sub>E</sub> X Team	484
amsthm	Typesetting theorems (AMS style)	The AMS	483
analogclock	An analog ticking clock package for PDF output	Randez	400
andika	andika fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	477
animate	Create PDF and SVG animations from graphics files and inline graphics	Grahn	232
anleitung	Using L <sup>A</sup> T <sub>E</sub> X with MikTeX, including TrueType fonts	Weissenburger	530
annee-scolaire	Automatically typeset the academic year (French way)	Henel	251
annot-pro	Create text, stamp and file attachment annotations	Story	459
annotate-equations	Easily annotate math equations using TikZ	John	271
annotate	A bibliography style with annotations	Unknown	498
annotation-pkg	Suppress or permit annotations to a document	Hofmann	257
annotation	A BibTeX style that processes annotations	Unknown	498
anonchap	Make chapters be typeset like sections	Robertson, Wilson	409
anonymous-acm	Typeset anonymous versions for ACM articles	Becker	145
AnonymousPro	Use AnonymousPro fonts with L <sup>A</sup> T <sub>E</sub> X	Esbaty	205
ans	Answers and solutions, for L <sup>A</sup> T <sub>E</sub> X 2.09	Wells	530
answers	Setting questions (or exercises) and answers	Wright, Piff	539
ant-worker-tasks	Apache ANT Tasks for T <sub>E</sub> X and PDF	Niedermair	362
ant	A typesetting system inspired by T <sub>E</sub> X	Blumensath	153
antanilipsum	Generate sentences in the style of “Amici miei”	Coleman	182
anti	Typeset an anti-particle in maths mode	Holmes	259
antique-spanish...	A short document about antique spanish units	Merino Hernández	253
antomega	Alternative language support for Omega/Lambda	Kryukov	301
antp	Antykwa Półtawskiego: a Type 1 family of Polish traditional type	Nowacki	365
antt	Antykwa Toruńska: a Type 1 family of a Polish traditional type	Nowacki	365
antttvf	Virtual fonts for PostScript Antykwa Toruńska font	Wierzbiński	532
ANUfinalexam	L <sup>A</sup> T <sub>E</sub> X document shell for ANU final exam	Kam	274
anyfontsize	Select any font size in L <sup>A</sup> T <sub>E</sub> X	Szabó	468
ansize	A simple package to set up document margins	Esser	205
aobs-tikz	TikZ styles for creating overlaid pictures in beamer	Fiandrino	211
aomart	Typeset articles for the Annals of Mathematics	Veytsman	512

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
apa	American Psychological Association format	Protopapas	395
apa6	Format documents in APA style (6th edition)	Beitzel	147
apa6e	Format manuscripts to APA 6th edition guidelines	Smith	449
apa7	Format documents in APA style (7th edition)	Weiss	530
apabst	Early APA BibTeX style	Rogers	413
apacite	Citation style following the rules of the APA	Meijer	341
apalike-ejor	A BibTeX style file for the European Journal of Operational Research	Rumpf	421
apalike-german	A copy of apalike.bst with German localization	Braun	159
apalike2	Bibliography style that approaches APA requirements	Reiser, Ho	403
apasoft	An APA-like style for BibTeX	Porr	393
apeqnum	Number equations by appendix	Hosek	260
apl	Fonts for typesetting APL programs	Hohti, Kanerva	259
aplweb	Literate programming in APL	Schweigert	436
apnum	Arbitrary precision numbers implemented by T <sub>E</sub> X macros	Olšák	374
appelt-chess	Chess board macros using standard fonts	Unknown	498
appendix	Extra control of appendices	Robertson, Wilson	409
appendixnumberb...	Manage frame numbering in appendixes in beamer	Lelong	313
apprendre-a-pro...	The book “Apprendre à programmer en T <sub>E</sub> X”	Tellechea	476
appends-latex	Appends L <sup>A</sup> T <sub>E</sub> X!	Baudoin	142
apptools	Tools for customising appendices	Kuhnert	302
apxproof	Proofs in appendix	Senellart	438
ar	Capital A and capital R ligature for Aspect Ratio	Beccari	143
arabi-add	Using hyperref and bookmark packages with arabic and farsi languages	Lakhdar	306
arabi	(La)TeX support for Arabic and Farsi, compliant with Babel	Jabri	265
arabic-book	An Arabic book class	Alziyadi	131
arabic	Read a lower-case roman number	Selberg	438
arabicfront	Frontmatter with arabic page numbers	Bezos López	318
arabluatex	ArabTeX for LuaLaTeX	Alessi	129
arabtex	Macros and fonts for typesetting Arabic	Lagally	305
arabxetex	An ArabTeX-like interface for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Charette, Khalighi, bidi-tex GitHub Organisation	175
aramaic-serto	Fonts and L <sup>A</sup> T <sub>E</sub> X for Syriac written in Serto	Heinecke	249
aramaic	Fonts for Aramaic script	Wilson	533
arara	Automation of L <sup>A</sup> T <sub>E</sub> X compilation	Cereda	173
arbeit	Typeset classwork exercises	Burkhardt	165
archaeologie	A citation-style which covers rules of the German Archaeological Institute	Bossert	157
archaic	A collection of archaic fonts	Wilson, Zimmermann, Syropoulos	536
Archivo	The Archivo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
arcs	Draw arcs over and under text	Boggio-Togna	154
arev	Fonts and L <sup>A</sup> T <sub>E</sub> X support files for Arev Sans	Hartke	247
arimo	Arimo sans serif fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	477
arlatex	A L <sup>A</sup> T <sub>E</sub> X-based archiver	Pakin	378
armtex	A system for writing in Armenian with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Dachian, Dalalyan, Akopian	186
armymemo	A document class for Army memorandums in accordance with AR 25-50	Sharpsten	442
aro-bend	Exercises in T <sub>E</sub> X, with answers	Downes	195
arosgn	Support for the Bengali language	Ali	130
around-the-bend	Typeset exercises in T <sub>E</sub> X, with answers	Downes, Wilson	195
arphic-ttf	TrueType version of Chinese Arphic fonts	Yamashita	542
arphic	Arphic (Chinese) font packages	Lemberg	313
array	Extending the array and tabular environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	347
arraycols	New column types for array and tabular environments	Missier	345



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
arrayjob	Array data structures for (La)TeX	Sharpe, Jiang	442
arrayjobx	Array data structures for (La)TeX	Sharpe, Jiang	442
Array Maker	A program for making L <sup>A</sup> T <sub>E</sub> X and xypic arrays	Arapura	132
arraysort	Sort arrays (or portions of them)	Lee	310
arrow	Eplain macros for commutative diagrams	Smith	449
ArsClassica	A different view of the ClassicThesis package	Pantieri	381
artex	Make filecontents environments of non-standard files or packages	Efford	201
article	Default class for composing an article	L <sup>A</sup> T <sub>E</sub> X Team	484
articleingud	L <sup>A</sup> T <sub>E</sub> X class for articles published in INGENIERIA review	Morales	349
artthreads	Support for article threads	Story	459
Arvo	The Arvo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
arXivBib	Get bibliography entries from arXiv.org	Forkosh	216
arydshln	Draw dash-lines in array/tabular	Nakashima	357
asaetr	Transactions of the ASAE	Pearson	384
asana-math	A font to typeset maths in Xe(La)TeX and Lua(La)TeX	Syropoulos	465
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	224
asc2tex	Retrieve text from screenshots	Götz	232
ascelike	Bibliography style for the ASCE	Kuhn	302
ascii-chart	An ASCII wall chart	Eijkhout	201
ascii-cyrillic	A Latin alphabet representation of Cyrillic	Siebenmann	444
ascii-font	Use the ASCII “font” in L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Nickalls	467
asciilist	Environments AsciiList and AsciiDocList for prototyping nested lists in L <sup>A</sup> T <sub>E</sub> X	Grewé	237
ascmac	Boxes and picture macros with Japanese vertical writing support	Japanese T <sub>E</sub> X Team	268
askinclude	Interactive use of \includeonly	Straub, Oberdiek	462
askmaps	Typeset American style Karnaugh maps	op den Brouw	161
asmeconf	A L <sup>A</sup> T <sub>E</sub> X template for ASME conference papers	Lienhard	316
asmejour	A template for ASME journal papers	Lienhard	316
aspectratio	Capital A and capital R ligature for Aspect Ratio	Beccari	143
aspell	Spell checker	Atkinson	136
assignment	A class file for typesetting homework and lab assignments	Singh	447
assoccnt	Associate counters, making them step when a master steps	Hupfer	262
association-matrix	L <sup>A</sup> T <sub>E</sub> X support for creating association matrices	Unknown	498
asternote	Annotation symbols enclosed in square brackets and marked with an asterisk	Kusakabe	303
astro	Astronomical (planetary) symbols	Schmitt	430
astron	BibTeX style for astronomical journals	Hogeveen	258
astyped	Verbatim environment, with rather few escapes	Unknown	498
asyfig	Commands for using Asymptote figures	Robertson	407
asymptote-by-ex...	Asymptote by example	Unknown	498
asymptote-faq-z...	Asymptote FAQ (Chinese translation)	Unknown	499
asymptote-manua...	A Chinese translation of the asymptote manual	Unknown	499
asymptote	2D and 3D T <sub>E</sub> X-Aware Vector Graphics Language	Bowman, Hammerlindl	158
asypictureB	User-friendly integration of Asymptote into L <sup>A</sup> T <sub>E</sub> X	Staats III	264
at	Short commands starting '@'	Wooding	537
atari-cstex	TeX for Atari machines	Brandt	159
atbegshi	Execute stuff at \shipout time	Oberdiek	366
atenddvi	Provides the \AtEndDvi command	Oberdiek	366
atendofenv	Add a custom symbol at the end of an environment	Zhou	550
atkinson	Support for the Atkinson Hyperlegible family of fonts	Tennent	477
attachfile	Attach arbitrary files to a PDF document	Pakin	378
attachfile2	Attach files into PDF	Oberdiek	366
attrib	Attribution of block quotations in L <sup>A</sup> T <sub>E</sub> X	Swift	464
atveryend	Hooks at the very end of a document	Oberdiek	366

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
aucklandthesis	Memoir-based class for formatting University of Auckland masters' and doctors' theses	Kwan	304
auctex	Emacs support files for T <sub>E</sub> X	The AUCTeX Team, Thorup, Abrahamsen	483
augie	Calligraphic font for typesetting handwriting	Schmidt, Harcombe	428
auncial-new	Artificial Uncial font and L <sup>A</sup> T <sub>E</sub> X support macros	Wilson	533
auncial	Artificial Uncial manuscript book-hand font	Wilson	533
aurical	Calligraphic fonts for use with L <sup>A</sup> T <sub>E</sub> X in T1 encoding	Gollwitzer	229
aur1	Extends the hyperref package with a mechanism for hyperlinked URLs abbreviated with prefixes	Höfner	257
aurora	Header files for dvips to make colour separations	Freeman	219
authblk	Support for footnote style author/affiliation	Daly	187
authoraftertitle	Make author, etc., available after \maketitle	Bilger	151
authorarchive	Adds self-archiving information to scientific papers	Brucker	162
authordate	Author/date style citation styles	Rhead	405
authorindex	Index citations by author names	Wettstein	531
auto-pst-pdf-lua	Using LuaL <sup>A</sup> T <sub>E</sub> X together with PostScript code	Voß	518
auto-pst-pdf	Wrapper for pst-pdf (with some psfrag features)	Robertson	407
auto1	L <sup>A</sup> T <sub>E</sub> X support for Underware Auto 1 fonts	Schlömer	428
autoalign	Align terms and members in math expressions	Tellechea	476
autobreak	Simple line breaking of long formulae	Ueda	497
autoconf	Autoconf macros to test for the presence of L <sup>A</sup> T <sub>E</sub> X	Mathieu	335
autofancyhdr	Automatically compute headlength for fancyhdr package	Baghban	137
AutoLaTeX	Automate compilation of large scale L <sup>A</sup> T <sub>E</sub> X projects	Galland	222
autolist	More lists	Shipunov	443
automagic	Automagic numbering in Plain T <sub>E</sub> X	Unknown	499
automata	Finite state machines, graphs and trees in MetaPost	Puppis	395
automatica	A harvard-family BibTeX style	Balemi	138
autonum	Automatic equation references	Häcker	241
autopdf	Conversion of graphics to pdfLaTeX-compatible formats	Wette	531
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	488
autopuncitems	Automatically punctuate lists	Ewasiuk	206
autosp	A Preprocessor that generates note-spacing commands for MusiXTeX scores	Tennent	477
autotab	Generating tabulars from input data	Kruljac	301
autotoc	Table of contents in Plain T <sub>E</sub> X	Unknown	499
autoview	Maintain a Ghostscript view of emacs buffer	Goel	228
auxhook	Hooks for auxiliary files	Oberdiek	366
avremu	An 8-Bit Microcontroller Simulator written in L <sup>A</sup> T <sub>E</sub> X	Dietrich	192
aweb	Web system for programs written in Ada	Schweigert	436
awesomebox	Draw admonition blocks in your documents, illustrated with FontAwesome icons	Deparis	191
axessibility	Access to formulas in PDF files by assistive technologies	Coriasco, Murru	184
axodraw	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Vermaseren	511
axodraw2	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Collins, Vermaseren	183
<b>BBBBB</b>			
b1encoding	L <sup>A</sup> T <sub>E</sub> X encoding tools for Bookhands fonts	Wilson	533
babel-albanian	Support for Albanian within babel	Bezos López, Braams	320
babel-azerbaijani	Support for Azerbaijani within babel	Bezos López	318
babel-bahasa	Support for Bahasa within babel	Knappen, Mart, Braams	290
babel-basque	Babel contributed support for Basque	Aguirregabiria, Zubia Garea	128
babel-belarusian	Babel support for Belarusian	Novodvorsky, Shadura	365
babel-bosnian	Babel contrib support for Bosnian	Halilčević	242
babel-breton	Babel contributed support for Breton	Rolland	414



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-bulgarian	Babel contributed support for Bulgarian	Boshnakov, Bezos López, Braams	156
babel-catalan	Babel contributed support for Catalan	Badenes Guia, Ortega, Mas Casals	239
babel-contrib	Contributed language-support files for Babel	various authors	509
babel-croatian	Babel contributed support for Croatian	Paić, Kokan	378
babel-czech	Babel support for Czech	Bezoz López, Braams	320
babel-danish	Babel contributed support for Danish	Bezoz López, Braams	320
babel-dutch	Babel contributed support for Dutch	Bezoz López, Braams	320
babel-english	Babel support for English	Bezoz López, Braams	320
babel-esperanto	Babel support for Esperanto	Bezoz López, Braams, Martí	321
babel-estonian	Babel support for Estonian	Vajakas, Saar	508
babel-finnish	Babel support for Finnish	Bezoz López, Braams	320
babel-french	Babel contributed support for French	Flipo	214
babel-friulan	Babel/Polyglossia support for Friulan(Furlan)	Beccari	143
babel-galician	Babel/Polyglossia support for Galician	Música de Rivera	406
babel-georgian	Babel support for Georgian	Shoshiashvili, Lemberg	444
babel-german	Babel support for documents written in German	Raichle, Braams, Spitzmüller	399
babel-greek	Babel support for the Greek language and script	Syropoulos, Bezoz López, Braams, Milde	467
babel-hebrew	Babel support for Hebrew	Bezoz López, Braams, Lavva, Rosendahl	321
babel-hungarian	Babel support for Hungarian (Magyar)	Szabó	468
babel-icelandic	Babel support for Icelandic	Árnason, Braams, Bezoz López	132
babel-indonesian	Support for Indonesian within babel	Knappen, Mart, Braams, Bezoz López	290
babel-interlingua	Babel support for Interlingua	Bezoz López, Braams	320
babel-irish	Babel support for Irish	Bezoz López, Braams	320
babel-italian	Babel support for Italian text	Bezoz López, Braams, Beccari, Codogno	321
babel-japanese	Babel support for Japanese	Ing, Japanese T <sub>E</sub> X Team	264
babel-kurmanji	Babel support for Kurmanji	Bezoz López, Braams	321
babel-latin	Babel support for Latin	Wehr, Bezoz López, Braams, Beccari	529
babel-latvian	Babel support for Latvian	Lasis, Bezoz López	308
babel-lithuanian	Babel support for documents written in Lithuanian	Tolušis	492
babel-macedonian	Babel module to support Macedonian Cyrillic	Trajanovski	493
babel-malay	Support for Malay within babel	Knappen, Mart, Braams, Bezoz López	290
babel-norsk	Babel support for Norwegian	Bezoz López, Braams	321
babel-occitan	Babel support for Occitan	Valmary	508
babel-piedmontese	Babel support for Piedmontese	Beccari	143
babel-polish	Babel support for Polish	Bezoz López, Braams, Schalück, Janich, Woliński	322
babel-portuges	Babel support for Portuges	Bezoz López, Braams	321
babel-romanian	Babel support for Romanian	Bezoz López, Braams, Horst, Juhasz	321
babel-romansh	Babel/Polyglossia support for the Romansh language	Beccari	143
babel-russian	Russian language module for Babel	Kotelnikov	298
babel-samin	Babel support for Samin	Bezoz López, Braams, Jernsletten	321
babel-scottish	Babel support for Scottish Gaelic	Bezoz López, Braams	321

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-serbian	Babel/Polyglossia support for Serbian	Bezós López, Braams, Stefanović	322
babel-serbianc	Babel module to support Serbian Cyrillic	Brčić, Stefanović	160
babel-slovak	Babel support for typesetting Slovak	Bezós López, Braams, Chlebíková, Tesařík	321
babel-slovenian	Babel support for typesetting Slovenian	Bezós López, Braams	321
babel-sorbian	Babel support for Upper and Lower Sorbian	Bezós López, Braams, Werner	322
babel-spanglish	Simplified Spanish support for Babel	Rivera	406
babel-spanish	Babel support for Spanish	Bezós López, Sanchez	322
babel-swedish	Babel support for typesetting Swedish	Bezós López, Braams, Hellman	321
babel-thai	Support for Thai within babel	Karoonboonyanan	276
babel-turkish	Babel support for Turkish documents	MacKay, Burc, Bezós López	330
babel-ukrainian	Babel support for Ukrainian	Braams, Ponomarenko	158
babel-vietnamese	Babel support for typesetting Vietnamese	Lemberg, Kotucha, Bezós López	314
babel-welsh	Babel support for Welsh	Braams, Bezós López	158
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	320
babelbib	Multilingual bibliographies	Harders, Preining	246
babeltools	Tools for dealing with Babel annoyances	Bezós López	318
babylonianum	Typeset Babylonian numerals with XeT <sub>E</sub> X	Pinson	390
backgrnd	Mark text with grey background or change bar	Schmitt	430
background	Placement of background material on pages of a document	Medina Arellano	132
backnaur	Typeset Backus Naur Form definitions	Robson	411
backref	Make hyper-references back from bibliography to citation	Oberdiek	367
backrefx	Bibliographical back referencing	Els	203
badge	Print badge labels	van Oostrum	375
baekmuk	Baekmuk Korean TrueType fonts	Kim, Lemberg	282
bagpipe	Support for typesetting bagpipe music	Innis	264
bahyph	Hyphenation for Basque	Aguirregabiria	128
bakoma-fonts	Computer Modern and AMS fonts in outline form	Malyshev	332
bakoma-games	BaKoMa modules for music and games	Malyshev	333
bakoma-mac	A BaKoMa system for the Macintosh	Malyshev	333
bakoma	A T <sub>E</sub> X distribution for MS-Windows VISTA/XP/2000	Malyshev	332
balance	Balanced two-column mode	Daly	187
balanced	Balance double-column sections in L <sup>A</sup> T <sub>E</sub> X	Unknown	499
balancedquotes	Code balanced quotes according to document language	Selberg	438
bangla	A comprehensive Bangla L <sup>A</sup> T <sub>E</sub> X package	Hossain	261
bangorcsthesis	Typeset a thesis at Bangor University	Gray	234
bangorexam	Typeset an examination at Bangor University	Gray	234
bangtex	Writing Bangla and Assamese with L <sup>A</sup> T <sub>E</sub> X	Pal	380
bankstatement	A L <sup>A</sup> T <sub>E</sub> X class for bank statements based on csv data	Kleber	285
bar	A patched version of bar.sty	Bleser, Lang	152
barcodes-vulis	A font for making barcodes	Vulis	524
barcodes	Fonts for making barcodes	Willadt	532
bard	Celtic bardic runes font	Lüddecke	326
bardi	Hyphenation and babel support for Bardi	Bowern	158
bardiag	L <sup>A</sup> T <sub>E</sub> X package for drawing bar diagrams	Stepanyan	457
bargraph-js	Create bar graphs using form fields and JavaScript	Story	459
barkom	A package for bar charts in L <sup>A</sup> T <sub>E</sub> X	Bleser, Lang	152
barracuda	Draw barcodes with Lua	Giacomelli	225
bartel-chess-fonts	A set of fonts supporting chess diagrams	Bartel, Preining	140
base	Definitive source of Plain T <sub>E</sub> X on CTAN	Knuth	290
bashful	Invoke bash commands from within L <sup>A</sup> T <sub>E</sub> X	Gil	226

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bashkirian	Bashkirian extension to OT2 fonts	Knappen	288
basicarith	Macros for typesetting basic arithmetic	Goodman	230
BasicLaTeX-ru	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Russian	Kuznetsov	304
basix	A BASIC interpreter written in T <sub>E</sub> X	Greene	235
baskervaldadf	Baskervald ADF fonts collection with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	402
baskervaldx	Extension and modification of BaskervaldADF with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	439
baskervillef	Fry's Baskerville look-alike, with math support	Sharpe	439
basque-book	Class for book-type documents written in Basque	Ibarra	263
basque-date	Print the date in Basque	Ibarra	263
bath-bst	Harvard referencing style as recommended by the University of Bath Library	Ball	138
battleship	A L <sup>A</sup> T <sub>E</sub> X style file for typesetting Battleship logic puzzles	Kleber	285
baum	Trees, using PicTeX	Unknown	499
bbcard	Bullshit bingo, calendar and baseball-score cards	McPhee	340
bbding	A symbol (dingbat) font and L <sup>A</sup> T <sub>E</sub> X macros for its use	Neergaard, Horák	358
bbfig	Calculate and print bounding box	Batchelder, Cosell	141
bb12html	Convert a L <sup>A</sup> T <sub>E</sub> X .bbl file to formatted html code	Blok	153
bbm-macros	L <sup>A</sup> T <sub>E</sub> X support for "blackboard-style" cm fonts	Hilbrich	255
bbm	"Blackboard-style" cm fonts	Robert	407
bbold-type1	An Adobe Type 1 format version of the bbold font	Horn, Hosny	259
bbold	Sans serif blackboard bold	Jeffrey	269
bboldx	Extension of the bbold package with a Blackboard Bold alphabet	Sharpe	439
bbs	Bibliography style for Behavioral and Brain Sciences	Rogers	413
bchart	Draw simple bar charts in L <sup>A</sup> T <sub>E</sub> X	Kuhn	302
bclogo	Creating colourful boxes with logos	Chupin	180
bdfchess	Typeset correspondence chess games	Hassel	248
beamer-fuberlin	Beamer, using the style of FU Berlin	Voß	518
beamer-rl	Right to left presentation with beamer and babel	Bou	157
beamer-tut-pt	An introduction to the Beamer class, in Portuguese	Campani	168
beamer-verona	A theme for the beamer class	Valbusa	508
beamer	A L <sup>A</sup> T <sub>E</sub> X class for producing presentations and slides	Miletić, Wright, Unknown, Stuart, Tantau	344
beamer2thesis	Thesis presentations using beamer	Fiandrino	211
beamerappendixnote	Create notes on appendix frames in beamer	Semken	438
beameraudience	Assembling beamer frames according to audience	Marschall	334
beamerauxtheme	Supplementary outer and inner themes for beamer	Stuart	462
beamercolorthem...	A flexible beamer color theme to maximize visibility	Churchley	180
beamerdarkthemes	Dark color themes for beamer	Thiriet	489
beamerposter	Extend beamer and a0poster for custom sized posters	Dreuw, Deselaers	196
beamerframe	Reorder frames in the PDF file	Kaufmann	277
beamerswitch	Convenient mode selection in Beamer documents	Ball	138
beamertheme-arg...	Simple, typographic beamer theme	Piazzai	387
beamertheme-cuerna	A beamer theme with 4 colour palettes	Ochoa	373
beamertheme-det...	A beamer theme designed for use in the University of Leeds	Mielczarek	343
beamertheme-epyt	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer class	Hu	261
beamertheme-focus	A minimalist presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Africa	128
beamertheme-light	A minimal beamer style	Vergnet, Goepp	511
beamertheme-met...	A modern L <sup>A</sup> T <sub>E</sub> X beamer theme	Vogelgesang	517
beamertheme-npbt	A collection of L <sup>A</sup> T <sub>E</sub> X beamer themes	Markgraf	334
beamertheme-phn...	A simple beamer theme	Ol	374
beamertheme-pur...	A minimalistic presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Clasen	181
beamertheme-sai...	A beamer theme that incorporates colours and fonts of Saint Petersburg State University	Gankevich	222
Beamertheme-Sim...	Template for a simple presentation	Huang	262
beamertheme-Sim...	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer	Huang	262

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
beamertheme-tco...	A beamer inner theme which reproduces standard beamer blocks using tcolorboxes	Unknown	499
beamertheme-trigon	A modern, elegant, and versatile theme for Beamer	Lambert	306
beamertheme-upe...	Beamer themes for Boston College and the University of Pennsylvania	Strasser	462
beamerthemeAmur...	A new modern beamer theme	Chupin	180
beamerthemeJLTree	Contributed beamer theme	Lelong	313
beamerthemelalic	A beamer theme for LALIC	Moreira	350
beamerthemenirma	A Beamer theme for academic presentations	Revar	404
beamerthemeNord	A simple beamer theme using the “Nord” color theme	Wang	527
beamerthemetamu	A beamer theme for Texas A&M University	Zhao	549
bearwear	Shirts to dress TikZbears	Fischer	213
beaulivre	Write your books in a colorful way	XU	540
beautybook	A beautiful book template for maths and science	Lu	??
Beebe-DVI	A modular collection of DVI processors	Beebe	145
begingreek	Greek environment to be used with pdfL <sup>A</sup> T <sub>E</sub> X only	Beccari	143
beginlatex	A beginner’s guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	215
begriff	Typeset Begriffschrift	Parsons	383
beilstein	Support for submissions to the “Beilstein Journal of Nanotechnology”	Sievers, Beilstein-Institut	445
beletter	Typeset Belgian letters	Kilfinger, Lenaerts	282
belleek	Free replacement for basic MathTime fonts	Kinch	284
bellmac	Outline scheme for form letter production	Bell	148
Bengali Omega	Bengali in Velthuis transliteration or in UTF-8	Raut	401
bengali-pandey	Support for the Bengali language	Pandey, Das	381
bera	Bera fonts	Rosenau, Dirr, Schmidt	415
berenisadf	Berenis ADF fonts and T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees, Harendal	402
besjournals-bst	Bibliographies suitable for British Ecological Society journals	DeSouza	191
bestpapers	A BibTeX package to produce lists of authors’ best papers	Veytsman	513
betababel	Insert ancient greek text coded in Beta Code	Berkemeier	149
beton	Use Concrete fonts	Jensen	270
beuron	The script of the Beuronese art school	Wehr	529
bewerbung	Typesetting job applications	Hilbig	254
bez123	Support for Bezier curves	Robertson, Wilson	409
bezierplot	Approximate smooth function graphs with cubic bezier splines for use with TikZ or MetaPost	Romer	414
bfbh-ci	Corporate Design for Bern University of Applied Sciences	Peischl	386
bfsymb	Generate bold symbols in Plain T <sub>E</sub> X mathematics	Münch	353
bg	Annotate backgammon matches and positions	Richter	405
bghyphen	Hyphenation patterns for Bulgarian	Boshnakov	156
bgreek	Using Beccari’s fonts in betacode for classical Greek	Rivera	406
bgteubner	Class for producing books for the publisher “Teubner Verlag”	Harders	245
bguq	Improved quantifier stroke for Begriffschrift packages	Green	235
BHCexam	An exam class for mathematics teachers in China	Bao	139
bib-fr	French translation of classical BibTeX styles	Markey	334
bib-greek	A BibTeX style for Greek documents	Syropoulos	466
bib2dvi	Generate a DVI file from a Bibliography file	Frederiks	219
bib2gls	Command line application to convert .bib files to glossaries-extra.sty resource files	Talbot	468
bib2m1	BibTeX to HTML/SQL/XML translator	Galland	222
bib2xhtml	Convert BibTeX Files into XHTML	Spinellis, Hull	452
BibArts	“Arts”-style bibliographical information	Baumann	142
bibbuild	A bibliography builder for FileMaker Pro 7	Harrod	247
bibcard	An XView based interface for BibTeX databases	Grossniklaus, Ogden	238
bibcheck	Check on references to items in thebibliography	Radhakrishnan, Rajagopal	397
bibclean	A BibTeX prettyprinter, verifier, etc	Beebe	145
bibcop	Style checker for .bib files	Bugayenko	163

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bibdb	BibTeX bibliography manager for MS-Windows and MS-DOS	Doron	195
bibentry	Full bibliography entries in the main text of a document	Daly	187
biber-cygwin	Biber binaries for Cygwin on Windows	Brown, Kime	162
biber-freebsd	Biber binaries for FreeBSD	Kime, Lečić	284
biber-linux-musl	Biber binaries for Linux-MUSL	Kime, Krumeich	283
biber-linux	Biber binaries for Linux	Kime	283
biber-macos	Biber binaries for MacOS	Kime	283
biber-ms-linux	Biber (multiscript) binaries for Linux	Kime	283
biber-ms-macos	Biber (multiscript) binaries for MacOS	Kime	283
biber-ms-windows	Biber (multiscript) binaries for Windows	Kime	283
biber-ms	A BibTeX replacement for users of BibLaTeX (multiscript version)	Kime, Charette	283
biber-solaris	Biber binaries for Solaris	Syropoulos, Kime	467
biber-windows	Biber binaries for Windows	Kime	283
biber	A BibTeX replacement for users of BibLaTeX	Kime, Charette	283
Bibex	Automatic extraction of references from BibTeX databases	Guéhéneuc	239
bibexport	Extract a BibTeX file based on a .aux file	Markey	334
bibextract	Utilities to extract BibTeX data	Beebe	145
bibfile-reforma...	Puts .bib file page ranges into uniform format	Pearlmutter	384
bibfilex	A free bibliographic manager for BibLaTeX	Nardello	357
bibfind	Prints entries in your bib file that match search string	Breivik	160
bibhtml	BibTeX support for HTML files	Gray	235
bibindex	Index BibTeX files for fast searching	Erickson, Beebe	205
biblatex-abnt	BibLaTeX style for Brazil's ABNT rules	Marques	334
biblatex-ajc202...	BibLaTeX style for the Australasian Journal of Combinatorics	Avdeev	137
biblatex-anonymous	A tool to manage anonymous work with BibLaTeX	Rouquette	416
biblatex-apa	BibLaTeX citation and reference style for APA	Kime	283
biblatex-apa6	BibLaTeX citation and reference style for APA 6th Edition	Kime	283
biblatex-archae...	A collection of BibLaTeX styles for German prehistory	Braun	159
biblatex-arthis...	BibLaTeX citation style covers the citation and bibliography guidelines for art historians	Bossert, Kemper	157
biblatex-author...	Author-year style with compact multiple-reference-citations and ibidem mechanism for BibLaTeX	Titz	491
biblatex-bath	Harvard referencing style as recommended by the University of Bath Library	Ball	138
biblatex-bookin...	Manage book edited in article	Rouquette	416
biblatex-bookin...	Manage book edited in other entry type	Rouquette	416
biblatex-bwl	BibLaTeX citations for FU Berlin	Voß	519
biblatex-casper...	A simple citation style for Chinese users	Vector	510
biblatex-cheats...	BibLaTeX/Biber 'cheat sheet'	Rees	402
biblatex-chem	A set of BibLaTeX implementations of chemistry-related bibliography styles	Wright	538
biblatex-chicago	Chicago style files for BibLaTeX	Fussner	221
biblatex-claves	A tool to manage claves of old literature with BibLaTeX	Rouquette	416
biblatex-cv	Create a CV from BibTeX files	Shub	444
biblatex-dw	Humanities styles for BibLaTeX	Waßenhoven	528
biblatex-enc	BibLaTeX style for the École nationale des chartes (Paris)	Camps	168
biblatex-ext	Extended BibLaTeX standard styles	Wemheuer	530
biblatex-fiwi	BibLaTeX styles for use in German humanities	Spiegel	452
biblatex-gb7714...	A BibLaTeX implementation of the GBT7714-2015 bibliography style for Chinese users	Zhenzhen	550
biblatex-german...	Comprehensive citation style for German legal texts	Brodowski	161
biblatex-gost	BibLaTeX support for GOST standard bibliographies	Domanov	193
biblatex-historian	A BibLaTeX style	Gliboff	228
biblatex-ieee	IEEE style files for BibLaTeX	Wright	538



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
<code>biblatex-ijrsra</code>	BibLaTeX style for the International Journal of Student Research in Archaeology	Bossert	157
<code>biblatex-iso690</code>	BibLaTeX style for ISO 690 standard	Hoftich	257
<code>biblatex-jura</code>	BibLaTeX stylefiles for German legal literature	Hard	245
<code>biblatex-jura2</code>	Citation style for the German legal profession	Christoph	180
<code>biblatex-juradiss</code>	BibLaTeX stylefiles for German law theses	Schwan, Voß	436
<code>biblatex-license</code>	Add license data to the bibliography	Wagner	525
<code>biblatex-lncs</code>	BibLaTeX style for Springer Lecture Notes in Computer Science	Göttlinger	231
<code>biblatex-lni</code>	LNI style for BibLaTeX	Kopp	297
<code>biblatex-luh-ipw</code>	BibLaTeX styles for social sciences	Heins	249
<code>biblatex-manusc...</code>	Manage classical manuscripts with BibLaTeX	Rouquette	416
<code>biblatex-mla</code>	MLA style files for BibLaTeX	Clawson	181
<code>biblatex-morenames</code>	New names for standard BibLaTeX entry type	Rouquette	417
<code>biblatex-ms</code>	Sophisticated Bibliographies in LaTeX (multiscript version)	Kime	283
<code>biblatex-multip...</code>	Load multiple datamodels in BibLaTeX	Rouquette	417
<code>biblatex-musuos</code>	A BibLaTeX style for citations in musuos.cls	Weh	529
<code>biblatex-nature</code>	BibLaTeX support for Nature	Wright	538
<code>biblatex-nejm</code>	BibLaTeX style for the New England Journal of Medicine (NEJM)	Aluthge, Daniel	131
<code>biblatex-nottsc...</code>	Citation style for the University of Nottingham	Bossert	157
<code>biblatex-opcit...</code>	Use op. cit. for the booktitle of a subentry	Rouquette	417
<code>biblatex-oxref</code>	BibLaTeX styles inspired by the Oxford Guide to Style	Ball	138
<code>biblatex-philos...</code>	Styles for using BibLaTeX for work in philosophy	Valbusa	508
<code>biblatex-phys</code>	A BibLaTeX implementation of the AIP and APS bibliography style	Wright	538
<code>biblatex-publist</code>	BibLaTeX bibliography support for publication lists	Spitzmüller	452
<code>biblatex-readbbl</code>	Read a .bbl file created by biber	Voß	519
<code>biblatex-realau...</code>	Indicate the real author of a work	Rouquette	417
<code>biblatex-sbl</code>	Society of Biblical Literature (SBL) style files for BibLaTeX	Purton	395
<code>biblatex-science</code>	BibLaTeX implementation of the Science bibliography style	Wright	538
<code>biblatex-shortf...</code>	Use short forms of fields with BibLaTeX	Rouquette	417
<code>biblatex-social...</code>	BibLaTeX-style for the social sciences at HU Berlin	Bossert	157
<code>biblatex-software</code>	BibLaTeX stylefiles for software products	Di Cosmo	184
<code>biblatex-source...</code>	References by “division” in classical sources	Rouquette	417
<code>biblatex-spbasic</code>	A BibLaTeX style emulating Springer’s old spbasic.bst	Voß	519
<code>biblatex-subseries</code>	Manages subseries with BibLaTeX	Rouquette	417
<code>biblatex-swiss...</code>	Bibliography and citation styles following Swiss legal practice	Vion, Mörtl	516
<code>biblatex-trad</code>	“Traditional” BibTeX styles with BibLaTeX	Wemheuer	530
<code>biblatex-true-c...</code>	Correction of some limitation of the citepages=omit option of BibLaTeX styles	Rouquette	417
<code>biblatex-unified</code>	BibLaTeX implementation of the unified stylesheet for linguistics journals	von Fintel	213
<code>biblatex-vancouver</code>	Vancouver style for BibLaTeX	Mondal	348
<code>BibLaTeX</code>	Sophisticated Bibliographies in LaTeX	Lehman, Kime	311
<code>biblatex2bibitem</code>	Convert BibLaTeX-generated bibliography to bibitems	Avdeev	137
<code>BiBLE</code>	A BibTeX library editor	Schreiber	432
<code>bibleref-french</code>	French translations for bibleref	Rouquette, Pinson	418
<code>bibleref-german</code>	German adaptation of bibleref	Waßenhoven	528
<code>bibleref-lds</code>	Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints	Parry	382
<code>bibleref-mouth</code>	Consistent formatting of Bible references	Parry	382
<code>bibleref-parse</code>	Specify Bible passages in human-readable format	Kuhnert	302
<code>bibleref</code>	Format bible citations	Talbot, Rouquette	474
<code>bibletext</code>	Insert Bible passages by their reference	Staps	455
<code>biblio-perl</code>	System for maintaining and presenting bibliographies	Stepanyan	457
<code>biblio</code>	A collection of bibliographies	Beebe	145
<code>biblist</code>	Print a BibTeX database	Schrod	432



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biblook	Fast searching of BibTeX files	Erickson, Beebe	205
biblos	CGI interface to BibTeX files	Moller	348
bibmods	Tighter tolerances for bibliographies	Beebe	146
bibplain	Simple macros for using BibTeX with Plain T <sub>E</sub> X	Ferro	210
bibsort	Sort a BibTeX bibliography file	Beebe	146
BibTeX-examples	Examples of BibTeX usage	Beebe	146
BibTeX Database...	A simple interactive script to generate BibTeX Files	Gupta	240
BibTeX-help	VMS help file for BibTeX	Greenwade	236
bibtex-test	BibTeX testing files	Beebe	146
bibtex	Process bibliographies (bib files) for L <sup>A</sup> T <sub>E</sub> X or other formats	Patashnik	383
bibtex8	A fully 8-bit adaptation of BibTeX 0.99	Kempson, T <sub>E</sub> XLive	278
BibTexMng	Manipulate BibTeX database files	VNP Comp	517
bibtexperllibs	BibTeX Perl Libraries	Gossen, Veytsman	231
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	244
BibTool	A tool for manipulating BibTeX files	Neugebauer	358
bibttools	Bib management tools	Kotz, Gildea	298
bibtopic	Include multiple bibliographies in a document	Basso, Ulrich	141
bibtopicprefix	Prefix references to bibliographies produced by bibtopic	Schröder	433
bibunits	Multiple bibliographies in one document	Fernández, Hansen	210
bibutils	A collection of bibliography format convertors	Putnam	396
bibview-x	A visual manager for BibTeX files	Liebl, Martin, Urban	316
bibview	View BibTeX files	Jacobsen	267
bibweb	Automatically retrieve bibliography from MathSciNet	Palmieri	381
bicaption	Support for bilingual captions	Sommerfeldt	450
bickham	Virtual fonts for Adobe Bickham Script Pro	Sharpe	439
bidi-atbegshi	Bidi-aware shipout macros	Khalighi, bidi-tex GitHub Organisation	279
bidi	Bidirectional typesetting in plain T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X, using XeTeX	Khalighi, bidi-tex GitHub Organisation	279
bidicontour	Bidi-aware coloured contour around text	Khalighi, bidi-tex GitHub Organisation	279
bidihl	Experimental bidi-aware text highlighting	Khalighi, bidi-tex GitHub Organisation	279
bidipagegrid	Bidi-aware page grid in background	Khalighi, bidi-tex GitHub Organisation	279
bidipresentation	Experimental bidi presentation	Khalighi, bidi-tex GitHub Organisation	279
bidishadowtext	Bidi-aware shadow text	Khalighi, bidi-tex GitHub Organisation	279
bidstobibtex	Convert BIDS returns to BibTeX	Stone	458
bigdelim	Big delimiters in tabular or array	van Oostrum	375
bigfoot	Footnotes for critical editions	Kastrup	276
bigintcalc	Integer calculations on very large numbers	Oberdiek	367
bigints	Writing big integrals	Merciadri	342
bigsign	Making "big signs" (mini-posters)	Lingnau	317
bigstrut	Struts for opening up tabular spacing	van Oostrum	375
bigtable	Multi-page tables in Plain T <sub>E</sub> X	Mathas, Howlett	335
bigtabular	Tabulars that can split at page boundaries	Duchier	197
biihead	Underlined page headings	Shapin	439
bilingualpages	Typeset two columns in parallel	Coles	182
binarytree	Drawing binary trees using TikZ	Nikolova	363
binhex	Convert numbers into binary, octal and hexadecimal	Kastrup	276
binomexp	Calculate Pascal's triangle	Roderick	411

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biochemistry-co...	Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry	Buxbaum	167
biocon	Typesetting biological species names	Edelman	201
biokey	Flexible identification key tables in L <sup>A</sup> T <sub>E</sub> X	Shipunov	443
biolett-bst	A BibT <sub>E</sub> X style for the journal “Biology Letters”	DeSouza	191
biolinum-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Biolinum family of fonts	Tennent	477
biolist	List observed species	Shipunov	443
Birkhaeuser	Style for Birkhaeuser books, conference proceedings, etc	Balemi	138
bit2spr	Convert bitmaps to “sprites”	Rovner	418
bitelist	Split list, in T <sub>E</sub> X’s mouth	Lück	324
bitfield	Draw bit field data structure diagrams (obsolete)	Thomas	489
bithesis	Templates for the Beijing Institute of Technology	Kaiyu	274
bitpattern	Typeset bit pattern diagrams	Bourguet	157
bits	Sub-document environments in L <sup>A</sup> T <sub>E</sub> X	Swift	464
bitset	Handle bit-vector datatype	Oberdiek	367
bitstrea	Support for use of Bitstream fonts	Unknown	499
bitter	The Bitter family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	477
bizcard	Typeset business cards	Kirsch	284
bjfuthesis	A thesis class for Beijing Forestry University	Liu	317
blackboard	Comparison of blackboard bold fonts	Kummer	303
blackletter	A blackletter font	Unknown	499
blacklettert1	T1-encoded versions of Haralambous old German fonts	Bronger	161
blanks	Macros for “fill in the blanks” forms	Varian	509
blindtext	Producing ‘blind’ text for testing	Lickert	315
blkarray	Extended array and tabular	Carlisle	169
blkcntrl	Block-element hooks in L <sup>A</sup> T <sub>E</sub> X	Swift	464
blochsphere	Draw pseudo-3D diagrams of Bloch spheres	Wardrop	527
block	A block letter style for the letter class	Huang	261
blockdraw_mp	Block diagrams and bond graphs, with MetaPost	Tidefelt	490
BLOpenType	A basic LuaT <sub>E</sub> X OpenType handler	Rivera	406
bloques	Generate control diagrams	Ruiz	421
blowup	Upscale or downscale all pages of a document	Niepraschk	362
blox	Draw block diagrams, using TikZ	Reish	404
blue	A document preparation system	van der Laan	304
bm	Access bold symbols in maths mode	Carlisle, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	171
bm2font	Convert bitmaps to PK fonts	Sowa, Gillespie	451
bm2ltx	Convert a bitmap image to L <sup>A</sup> T <sub>E</sub> X code	Bontus	154
bmeps	Converter from PNG/JPEG/Tgb81AIFF/NetPBM to EPS	Krause	298
bmpp	Convert bitmap files to PS/EPS/PDF	Krause	299
bmppsize	Extract size and resolution data from bitmap files	Oberdiek	367
bmstu-iu8	A class for IU8 reports	Unknown	499
bmstu	A L <sup>A</sup> T <sub>E</sub> X class for Bauman Moscow State Technical University	Novikov	365
bnf-plain	Plain T <sub>E</sub> X macros for BNF grammars	Quanstrom	396
bnumexpr	Extends eT <sub>E</sub> X’s \numexpr...relax construct to big integers	Burnol	165
bodegraph	Draw Bode, Nyquist and Black plots with gnuplot and TikZ	Papanicola	382
bodeplot	Draw Bode, Nyquist and Nichols plots with gnuplot or pgfplots	Kamalapurkar	275
bohr	Simple atom representation according to the Bohr model	Niederberger	360
boisik	A font inspired by Baskerville design	Mitek	346
boites	Boxes that may break across pages	Zoonekynd, Malaquias	551
bold-extra	Use bold small caps and typewriter fonts	Fairbairns, Carlisle	206
boldline	Heavier lines in tables	Shipunov	443
boldtensors	Bold latin and greek characters through simple prefix characters	Fink, Bachteler	213
bondgraph	Create bond graph figures in L <sup>A</sup> T <sub>E</sub> X documents	Dupuis	199
bondgraphs	Draws bond graphs in L <sup>A</sup> T <sub>E</sub> X, using PGF/TikZ	Folkertsma	216

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
book-examples	A collection of examples from published T <sub>E</sub> X-related books	Unknown	499
book-of-common-...	Typeset in the style of “Book of Common Prayer”	Coles	182
book	A class for typesetting books	L <sup>A</sup> T <sub>E</sub> X Team	484
bookcover	A class for book covers and dust jackets	Tómacs	492
bookdb	A BibTeX style file for cataloguing a home library	Wilson	533
bookest	Extended book class	Bresciani	160
bookform	L <sup>A</sup> T <sub>E</sub> X 2.08 style for MIL STD 490 documents	McPherson	340
bookhands	A collection of book-hand fonts	Wilson	533
booklet	Aids for printing simple booklets	Robertson, Wilson	409
bookmark	A new bookmark (outline) organization for hyperref	Oberdiek	367
bookshelf	Create a nice image from a BibTeX file	Flynn	216
booktabs-de	German version of booktabs	Römer, Manderla	415
booktabs-fr	French translation of booktabs documentation	Drucbert, Goutelle	197
booktabs	Publication quality tables in L <sup>A</sup> T <sub>E</sub> X	Els, Fear	203
boolexpr	A boolean expression evaluator and a switch command	Chervet	177
boondox	Mathematical alphabets derived from the STIX fonts	Sharpe	440
bophook	Provides an At-Begin-Page hook	Tinnefeld	491
borceux	Diagram macros by François Borceux	Borceux	155
border	Draw a black border around a Plain T <sub>E</sub> X page	Briser	161
bosisio	A collection of packages by Francesco Bosisio	Bosisio	156
boxedart4mac	Import graphics into Macintosh T <sub>E</sub> X	Siebenmann	444
boxedeps	Incorporate EPS files into T <sub>E</sub> X documents	Siebenmann	444
boxedminipage	Framed minipages of a specified total width (text and frame combined)	Pakin	378
boxhandler	Flexible Captioning and Deferred Box/List Printing	Segletes	437
boxit-ltx	An environment for boxing things	van der Goot	231
boxit	Draw a box around a text	Unknown	499
bpchem	Typeset chemical names, formulae, etc	Pedersen	384
bpolynomial	Drawing polynomial functions of up to order 3	Hennig	252
br-lex	A Class for Typesetting Brazilian legal texts	Cherem	176
bracketkey	Produce bracketed identification keys	Heibl	249
braids	Draw braid diagrams with PGF/TikZ	Stacey	454
braille	Support for braille	Park, Unruh	382
braket	Dirac bra-ket and set notations	Arseneau	133
brandeis-disser...	Class for Brandeis University dissertations	Burt, Peck	166
brandeis-proble...	Document class for COSI Problem sets at Brandeis University (Waltham, MA)	Turner	496
brandeis-thesis	A class for Brandeis University M.A. theses	Burt	166
brcllc	Support 16-bit (double) calculations in L <sup>A</sup> T <sub>E</sub> X	Radgen	397
breakcites	Ensure that multiple citations may break at line end	Hosek, Broska, Hosek	260
breakurl	Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf	Neto	168
bredzenie	A Polish version of “lorem ipsum...” in the form of a L <sup>A</sup> T <sub>E</sub> X package	Woliński	537
breqn	Automatic line breaking of displayed equations	Downes, Høgholm, Madsen, Robertson, Wright	195
bridge-pln	Plain T <sub>E</sub> X macros for writing about bridge	van der Laan	305
bridge	Typesetting bridge diagrams	van der Laan	304
brief-t	L <sup>A</sup> T <sub>E</sub> X support for the brief editor	Hedne	248
bropd	Simplified brackets and differentials in L <sup>A</sup> T <sub>E</sub> X	Tatlock	474
brushscr	A handwriting script font	Loreti	322
bsf	Access bold computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Leichter	312
bsheaders	Double-ruled chapter heading style	Loreti	322
bsl	Access bold computer modern slanted in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	236
BSR2dvi	Convert a T <sub>E</sub> Xtures working file to DVI	Siebenmann	444
btable	Bordered tables	van der Laan	305
bt00L	Perl library for parsing and processing BibTeX files	Ward	527

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bubblesort	Bubble sorts a list	Taylor	475
BUCTthesis	Beijing University of Chemical Technology Thesis Template	Unknown	499
bullcntr	Display list item counter as regular pattern of bullets	Mezzetti	342
bundledoc	Bundle together all the files needed to build a L <sup>A</sup> T <sub>E</sub> X document	Pakin	378
burmese	Basic Support for Writing Burmese	Reese, Lepper	402
buscard	A document style for business cards	Roth	416
business-research	Markup for the journal Business Research	Löffler, Schanz	318
businesscard-qr...	Business cards with QR-Code	Wackerlin	525
bussproofs-extra	Extra commands for bussproofs.sty	Zach	546
bussproofs	Proof trees in the style of the sequent calculus	Buss	167
BXbase	BX bundle base components	Yato	543
bxcalc	Extend the functionality of the calc package	Yato	543
bxCJKatype	Typeset Japanese with pdfL <sup>A</sup> T <sub>E</sub> X and CJK	Yato	543
bxdpX-beamer	Dvipdfmx extras for use with beamer	Yato	543
bxdrvdriver	Enables specifying a driver option effective only in DVI output	Yato	543
bxeepic	Eepic facilities using pict2e	Yato	543
bxenclose	Enclose the document body with some pieces of code	Yato	543
BXghost	Ghost insertion for proper xkanjiskip	Asakura	135
BXjoholiday	Support for Japanese holidays	Asakura	136
BXjalipsum	Dummy text in Japanese	Yato	543
BXjaprnind	Adjust the position of parentheses at paragraph head	Yato	543
bxjatoucs	Convert Japanese character code to Unicode	Yato	543
BXjscls	Japanese document class collection for all major engines	Yato	544
bxnewfont	Enhanced \newfont command	Yato	544
bxorigcapt	To retain the original caption names when using Babel	Yato	544
bxpapersize	Synchronize output paper size with layout paper size	Yato	544
bxpdfver	Specify version and compression level of output PDF files	Yato	544
bxtexlogo	Additional T <sub>E</sub> X-family logos	Yato	544
bxwareki	Convert dates from Gregorian to Japanese calender	Yato	544
byo-twemojis	“Build Your Own Twemojis” with TikZ	Rossel	416
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	448
bytefield	Create illustrations for network protocol specifications	Pakin	378
byzantinemusic	Facilitates writing byzantinemusic	Cornaros	184
byzfonts	Byzantine Music Font	Vamvakas, Kotopoulos	509
<b>CCCCC</b>			
c-pascal	Typeset Python, C and Pascal programs	Šegan, Gulczynski	437
c2cweb	C language prettyprinter	Lemberg	313
c2latex	Simple conversion of C programs to L <sup>A</sup> T <sub>E</sub> X	Ramsdell	400
cabin	A humanist Sans Serif font, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	477
cachepic	Convert document fragments into graphics	Trzeciak	494
caesarcm	Hyphenation of inflected languages, using CM fonts	Siebenmann	444
cahyph	Hyphenation patterns for the Catalan language	Badenes Guia, Turon	239
caladea	Support for the Caladea family of fonts	Tennent	477
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	488
calcage	Calculate the age of something, in years	Schneider	431
calctab	Language for numeric tables	Giacomelli	225
calculation	Typesetting reasoned calculations, also called calculational proofs	Fokkinga	216
calculator	Use L <sup>A</sup> T <sub>E</sub> X as a scientific calculator	Fuster	221
calendar-Barr	A calendar document	Barr	139
calendar	A package for calendars and timetables	Bennett	148
calendarweek	Calculate the week number of a date	Hoekwater	255
calligra-type1	Type 1 version of Calligra	Vanroose, Hosny	509
calligra	Calligraphic font	Vanroose, Dachian	509
callouts	Put simple annotations and notes inside a picture	Stuetz	462

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
calorie	Calorie checking for dieters	Aonuma	132
calrsfs	Copperplate calligraphic letters in L <sup>A</sup> T <sub>E</sub> X	Zhytnikov	550
cals	Multipage tables with wide range of features	Parashchenko	382
calxxxx-yyyy	Print a calendar for a group of years	Münch	352
calxxxx	Prints a card-size calendar for any year	Jankovic	268
camel	Prototype work on future citation engine	Bennett	148
cancel	Place lines through maths formulae	Arseneau	133
canoniclayout	Create canonical page layouts with memoir	Beccari	143
cantarell	L <sup>A</sup> T <sub>E</sub> X support for the Cantarell font family	El Morabity	349
capbas	Capital baseball "matrix printer" font collection	Bloemen	153
capparmode	Dropped capitals for Plain T <sub>E</sub> X	Braunegg	160
capt-of	Captions on more than floats	Fairbairns, Carlisle	206
captcont	Retain float number across several floats	Cochran	181
captdef	Declare free-standing \caption commands	Fairbairns, Carlisle	206
caption	Customising captions in floating environments	Sommerfeldt	450
caption2	Superseded version of the caption package	Sommerfeldt	450
carbohydrates	Carbohydrate molecules with chemfig	Niederberger	360
card-set	Typeset text for cardfile cards	Potuček Jr.	273
card	Print visiting cards	Balemi	138
carlisle	David Carlisle's small packages	Carlisle	169
carlito	Support for Carlito sans-serif fonts	Tennent	477
carolmin-t1	Adobe Type 1 format of Carolingian Minuscule fonts	Jørgensen	272
carolmin	Carolingian Minuscule manuscript book-hand font	Wilson	533
cartonaugh	A LuaL <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Bouajaj	157
cascade	Constructions with braces to present mathematical demonstrations	Pantigny	381
CascadiaCode	The Cascadia Code font with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
cascadilla	Typeset papers conforming to the stylesheet of the Cascadilla Proceedings Project	Bane	139
cascover	Make cassette covers	Raaijmakers	396
cases	Numbered cases environment	Arseneau	133
casiofont	Support for the Casio ClassWiz font	Munn	353
cassette-shipunov	Print labels for audio cassettes	Shipunov	443
cassette	Typeset cassette box inserts	Strip	462
cassette209	A L <sup>A</sup> T <sub>E</sub> X 209 document style for cassette inserts	Steuer	457
casstbl	Typeset cassette labels	Besson	150
casyl	Typeset Cree/Inuktitut in Canadian Aboriginal Syllabics	Derzhanski	191
catalan	Catalan hyphenation patterns	Wierda	532
catalanbib	Bibliographic styles for use in Catalan	Fuster	221
Catalogue	A catalogue of what's available on CTAN	Williams, The CTAN Team	533
catchfile	Catch an external file into a macro	Oberdiek	367
catchfilebetwee...	Catch text delimited by docstrip tags	Chervet	177
catcodes	Generic handling of T <sub>E</sub> X category codes	Lück	324
catdoc	Text extractor for word files	Wagner	525
catdvi	A DVI to plain text translator	Kaijanaho, Brill	274
catechis	Macros for typesetting catechisms	Goodman	230
catoptions	Preserving and recalling standard catcodes	Musa	355
causets	Draw causal set (Hasse) diagrams	Minz	345
cbcoptic	Coptic fonts and L <sup>A</sup> T <sub>E</sub> X macros for general usage and for philology	Beccari, Rosmorduc	145
cbe	Bibliography style for Council of Biology Editors format	Rogers	413
cbfonts-fd	L <sup>A</sup> T <sub>E</sub> X font description files for the CB Greek fonts	Beccari	143
cbgreek-complete	Complete set of Greek fonts	Beccari, Syropoulos	145
cc-pl	Polish extension of Computer Concrete fonts	Jackowski, Ryćko, Bzyl	267
ccaption	Continuation headings and legends for floats	Robertson, Wilson	409
ccfonts	Support for Concrete text and math fonts in L <sup>A</sup> T <sub>E</sub> X	Schmidt, Harcombe	428
cchess	Chinese chess	Richer, Mittelbach	405



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ccicons	L <sup>A</sup> T <sub>E</sub> X support for Creative Commons icons	Ummels	497
CClicenses	Typeset Creative Commons licence logos	Pignalberi	390
ccool	A key-value document command parser	Rogard	413
cd	Typeset CD covers	Vigna, Lemberg	516
cdcmd	Expandable conditional commands for L <sup>A</sup> T <sub>E</sub> X	Unknown	499
cdcover	Typeset CD covers	Holm Christensen	179
cdlabeler	Take user text and typeset it to fit a CD label	Eijkhout	202
C.D.P. Bundle	Business letters in the Italian style	Mezzetti	342
cea	Produce papers for Computers and Electronics in Agriculture	McCauley	338
cell	Bibliography style for Cell	Schneider	431
cellprops	Accept CSS-like selectors in tabular, array, ...	Rivaud	406
cellspace	Ensure minimal spacing of table cells	Noirel	364
cellular	Cellular table construction	Pittman	391
cellwise	Building tables one cell at a time	Borck-Elsner	155
celtic	A TikZ library for drawing celtic knots	Stacey	454
censor	Tools for producing redacted documents	Segletes	437
centeredline	A macro for centering lines	Burnol	165
centerlastline	Paragraphs with last line centered, known as “Spanish” paragraphs	Frasson	218
centernot	Centred \not command	Oberdiek	367
cep	Compression tools for PostScript	Jackowski, Pianowski, Strzelczyk	266
cesenaexam	A class file to typeset exams	Pacini	377
cfguide	Documentation of L <sup>A</sup> T <sub>E</sub> X configuration options	L <sup>A</sup> T <sub>E</sub> X Team	484
cfr-initials	L <sup>A</sup> T <sub>E</sub> X packages for use of initials	Rees	402
cfr-lm	Enhanced support for the Latin Modern fonts	Rees	402
changebar	Generate changebars in L <sup>A</sup> T <sub>E</sub> X documents	Braams, Fine	158
changelayout	Change the layout of individual pages and their text	Musa	355
changelog	Typesetting keepachangelog.com style changelogs	Turner	496
changepage	Margin adjustment and detection of odd/even pages	Robertson, Wilson	409
changes	Manual change markup	Kleinod	287
chappg	Page numbering by chapter	Fairbairns, Hailperin, Carlisle	207
chapref	Bibliography details per chapter	Knaggs	288
chapterbib	Multiple bibliographies in a document	Arseneau	133
chapterfolder	Package for working with complicated folder structures	Mathieu	336
CharisSIL	CharisSIL fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	477
charter	Charter fonts	Bitstream	152
chbar	Change bar marks in Plain T <sub>E</sub> X	Schrod	432
chbibref	Change the Bibliography/References title	Wilson	533
cheatsheet	A simple cheatsheet class	Hinrichs	255
check-parens	Check parentheses in L <sup>A</sup> T <sub>E</sub> X	Eldering	203
check	A syntax checker and tidier	Grothmann	238
checkcites	Check citation commands in a document	Cereda, Island of TeX, Gre- gorio	174
checkend	Extend “improperly closed environment” messages	Bezos López	318
checklab	A patch for the label-checking code	Fairbairns, Carlisle	206
checklistings	Pass verbatim contents through a compiler and reincorporate the resulting output	Bourke	158
chem-journal	Various BibTeX formats for journals in Chemistry	Hill	255
chemarr	Arrows for chemists	Oberdiek	367
chemarrow	Arrows for use in chemistry	Schroeder	434
chembst	A collection of BibTeX files for chemistry journals	Schenk	427
chemcompounds	Simple consecutive numbering of chemical compounds	Schenk	427
chemcono	Support for compound numbers in chemistry documents	Schulz	435
chemexec	Creating (chemical) exercise sheets	Niederberger	360



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
chemfig	Draw molecules with easy syntax	Tellechea	476
chemformula	Command for typesetting chemical formulas and reactions	Niederberger	360
chemgreek	Upright Greek letters in chemistry	Niederberger	361
chemmacros	A collection of macros to support typesetting chemistry documents	Niederberger	361
chemnum	A method for numbering chemical compounds	Niederberger	361
chemobabel	Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel	Yamashita	542
chemplants	Symbology to draw chemical plants with TikZ	Arnese Feffin	209
chemscheme	Support for chemical schemes	Wright	538
chemschemeX	Typeset and cross-reference chemical schemes based on TikZ code	Siegel	445
chemsec	Automated creation of numeric entity labels	Finnerty	213
chemstruct	Structural organic chemistry	Ramek	400
chemstyle	Writing chemistry with style	Wright	539
chemsym	Macros for typing chemical symbols	Dahlgren	186
chemtex	Structural chemistry	Haas	240
chex	Adobe chess font	Renner	404
cherokee	A font for the Cherokee script	Stanier	455
chess-problem-d...	A package for typesetting chess problem diagrams	Hoening	256
chess	Fonts for typesetting chess boards	Tutelaers	496
chessboard	Print chess boards	Fischer	213
chessfss	A package to handle chess fonts	Fischer	213
chessmin	Minimal chess diagrams	Blair	152
chet	L <sup>A</sup> T <sub>E</sub> X layout inspired by harvmac	Stergiou	457
chextris	A companion package for the Swiss typesetter	Oriet	376
chgbar	Draw change bars in the margin	Johnson	271
chhaya	Linguistic glossing in Marathi language	Unknown	499
chicago-annotate	Chicago-based annotated BibTeX style	Laakso	304
chicago	A "Chicago" bibliography style	Glenn	228
chicagoa	"Chicago" bibliography style with annotations	Glenn	228
chickenize	Use lua callbacks for "interesting" textual effects	Trautmann	493
chifoot	Chicago-style footnote formatting	Miller	344
childdoc	Directly compile \include'd child documents	Beisert	147
china2e	Font and macros for Chinese calendar	Heyl	254
ChineseJFM	Luatexja-jfm files for Chinese typesetting	Unknown	500
chinesechess	Typeset Chinese chess with l3draw	Geng	223
chitex	A Chinese T <sub>E</sub> X system	Chen	176
Chivo	Using the free Chivo fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	205
chkfloat	Warn whenever a float is placed "to far away"	Hejda	249
chkhref	Check for problems with labels in L <sup>A</sup> T <sub>E</sub> X	Lelong	313
chktx	Check for errors in L <sup>A</sup> T <sub>E</sub> X documents	Thielemann, Andrus	489
chletter	Class for typesetting letters to Swiss rules	Oriet	376
chngcntr	Change the resetting of counters	Robertson, Wilson	409
chngpage	Change the page layout in the middle of a document	Robertson, Wilson	409
chomsky	Macros to typeset parsing trees	Barr	139
chordbars	Print chord grids for pop/jazz tunes	Kramm	298
chordbox	Draw chord diagrams	Franzen	218
chroma	Chroma: a reference book of L <sup>A</sup> T <sub>E</sub> X colours	Kern	278
chronology	Provides a horizontal timeline	Wiseman	536
chronosys	Drawing time-line diagrams	Long	318
chs-physics-report	Physics lab reports for Carmel High School	Zhang	548
chscite	Bibliography style for Chalmers University of Technology	Sigurdhsson	445
churchslavonic	Typeset documents in Church Slavonic language using Unicode	Kroutikov	300
cinzel	L <sup>A</sup> T <sub>E</sub> X support for Cinzel and Cinzel Decorative fonts	Tennent	477
circ	Macros for typesetting circuit diagrams	Law, Tille, Tannert	309
circle	Maths mode circles for temporal logic	Barthelmann	140

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
circledsteps	Typeset circled numbers	Giannetti	225
circledtext	Create circled text	Geng	223
circuit-macros	M4 macros for electric circuit diagrams	Aplevich	132
CircuitikZ	Draw electrical networks with TikZ	Redaelli, Lindner, Erhardt, Giannetti	401
cirth	Fonts for Cirth	Habets, Grant	241
citation-style-...	Bibliography formatting with Citation Style Language	Lee	311
cite-bundle	Citation management bundle	Arseneau	133
cite	Improved citation handling in L <sup>A</sup> T <sub>E</sub> X	Arseneau	133
citeall	Cite all entries of a bbl created with BibLaTeX	Fischer	213
citeref	Add reference-page-list to bibliography-items	Briel	160
citesidx	Produce a citation list for the bibliography	Buchholz	162
CJ	BibTeX style for Computer Journal	Gärtner	223
cje	L <sup>A</sup> T <sub>E</sub> X document class for CJE articles	Nesbitt	358
CJHebrew	Typeset Hebrew with L <sup>A</sup> T <sub>E</sub> X	Justen	274
cjk-fonts	Chinese/Japanese/Korean bitmap fonts	Lemberg	313
cjk-gs-integrate	Tools to integrate CJK fonts into Ghostscript	Preining	394
cjk-ko	Extension of the CJK package for Korean typesetting	Kim	282
cjk	CJK language support	Lemberg	313
cjkpunct	Adjust locations and kerning of CJK punctuation marks	Zhang, Sun, Lee	548
cjw	A bundle of packages and classes	Wynne	540
clara	A serif font family	Miller	344
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	485
classico	URW Classico fonts	Tennent	477
classics	Cite classic works	Lourenço de Lima	316
ClassicThesis	A “classically styled” thesis package	Miede	343
classif2	Biological classification tables	Shipunov	443
classlist	Record classes used in a document	Oberdiek	367
classpack	XML mastering for L <sup>A</sup> T <sub>E</sub> X classes and packages	Flynn	216
cleanthesis	A clean L <sup>A</sup> T <sub>E</sub> X style for thesis documents	Langner	307
clearsans	Clear Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	477
clefval	Key/value support with a hash	Henel	251
cleveref-usedon	Adds forward-referencing functionality to the cleveref package	Pistre	391
cleveref	Intelligent cross-referencing	Cubitt	186
clicks	Slide Deck Animation	Bugayenko	163
clip	A language-independent literate programming tool	Van Ammers, Kramer	131
clipboard	Copy and paste into and across documents	Lourenço de Lima	316
clistmap	Map and iterate over L <sup>A</sup> T <sub>E</sub> X3 clists	Rogard	413
clock	Graphical and textual clocks for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Corff	183
clojure-pamphlet	A simple literate programming tool based on clojure's pamphlet system	Lanchares	307
closefrm	Tidy up after reading a MetaPost file	Vieth	515
cloze	A LuaL <sup>A</sup> T <sub>E</sub> X package for creating cloze texts	Friedrich	219
clrdblpg	Control pagestyle of pages left blank by \cleardoublepage	Goodman	230
clrscode	Typesets pseudocode as in Introduction to Algorithms	Cormen	184
clrscode3e	Typesets pseudocode as in Introduction to Algorithms	Cormen	184
clrstrip	Place contents into a full width colour strip	Spratte	453
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	485
cluttex	An automation tool for running L <sup>A</sup> T <sub>E</sub> X	Arata	132
cm-afm	Adobe Font Metrics for the CM fonts	MacKay	330
cm-gf	Generate GF format for CM	Ramsdell	400
cm-lgc	Type 1 CM-based fonts for Latin, Greek and Cyrillic	Kryukov	301
cm-mf-extra-bold	Extra Metafont files for CM	Kaspar, Sozuer	276
cm-mf-opt-kern	Improve the kerning of CM fonts	Pilzecker	390
cm-mf	Sources of the Computer Modern fonts	Knuth	290

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cm-pk	PK bitmaps of the Computer Modern fonts	Knuth	290
cm-super	CM-Super family of fonts	Volovich	518
cm-tfm	Metric files for the Computer Modern fonts	Knuth	290
cm-unicode	Computer Modern Unicode font family	Panov, Lečić	381
cm	Computer Modern fonts	Knuth	290
cmactex	TeX for the Macintosh	Kiffe	282
cmap	Make PDF files searchable and copyable	Volovich, Krüger	518
cmarrows	MetaPost arrows and braces in the Computer Modern style	Ekola	202
cmastro	Font for planetary symbols	Unknown	500
cmathbb	Computer modern mathematical blackboard bold font	Chao	174
cmbright	Computer Modern Bright fonts	Schmidt, Harcombe	428
cmcyr-patch	A set of Type 1 Cyrillic fonts	Peregoudov	386
cmcyr	Computer Modern fonts with cyrillic extensions	Glonti, Samarin, Malyshev	228
cmcyralt-fonts	Russian fonts in "alternative" encoding	Harin	247
cmcyralt-ltx	L <sup>A</sup> T <sub>E</sub> X support for the cmcyralt fonts	Harin, Zhytnikov	247
cmdstring	Get command name reliably	Noirel	364
cmdtrack	Check used commands	Downes	195
cmextra-latex	Install macros for "standard" fonts not used by L <sup>A</sup> T <sub>E</sub> X itself	L <sup>A</sup> T <sub>E</sub> X Team	485
cmfrak	Reencoded versions of Haralambous fraktur fonts	Taupin	474
cmll	Symbols for linear logic	Beffara	146
cmoeofont	Old English glyphs to go with Computer Modern	Bradfield	159
cmolddig	Virtual fount setup for using old style digits	McDonnell	339
cmoutlines	Outline versions of the Computer Modern fonts	Henderson, Hosek	251
cmpica	A Computer Modern Pica variant	Hosek	260
cmpj	Style for the journal Condensed Matter Physics	Shvaika	444
cms4talks	Content Management System for Talks	Nebendahl	357
cmsd	Interfaces to the CM Sans Serif Bold fonts	Schmidt, Harcombe	428
cmslup	Upright punctuation with CM slanted	Znamenskii, Veytsman	551
cmsrb	Computer Modern for Serbian and Macedonian	Stefanović	456
cmtest	CM fonts test sources	Knuth	290
cmtiup	Upright punctuation with CM italic	Znamenskii, Veytsman	551
cmtt	A package for handling the cmtt font better	Wooding	537
CM Type3	Type 3 outline versions of the CM fonts	Toal	491
cmupint	Upright integral symbols for Computer Modern	Stefanović	456
cmyk-hax	A T <sub>E</sub> X macro package for colour manipulation (using PostScript)	BOP	154
cnbwp	Typeset working papers of the Czech National Bank	Wagner	525
cnltx	L <sup>A</sup> T <sub>E</sub> X tools and documenting facilities	Niederberger	361
cnoweb	Simple "quality" printing of C sources	Fox	217
cntdwn	Support for countdowns, and for clocks in any timezone	Story	459
cntformats	A different way to read counters	Niederberger	361
cntperchap	Store counter values per chapter	Hupfer	262
cochineal	Cochineal fonts with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	440
code	Typeset "code" in verbatim	Ferguson	210
code128	Barcode macros for the Code 128 standard	Olšák	374
codeanatomy	Typeset code with annotations	Bùi	164
codebox	Highlighted source code in a fancy box	Geng	223
codedescribe	A minimalist set of commands (expl3 based) to describe Document and Class level commands/functions	Frigeri	220
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	264
codehigh	Highlight code and demos with l3regex and lpeg	Lyu	329
codepage	Support for variant code pages	Aubord	136
codesection	Provides an environment that may be conditionally included	Pospiech	393
codicefiscaleit...	Test the consistency of the Italian personal Fiscal Code	Beccari	143
coelacanth	Coelacanth fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	477
coffeestains	Add coffee stains to documents	Bideault	151

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
colcell	Collect contents of a tabular cell as argument to a macro	Scharrer	424
collect	Collect text for later re-use	Sauer	423
collectbox	Collect and process macro arguments as boxes	Scharrer	424
collref	Collect blocks of references into a single reference	Beisert	147
colonequals	Colon equals symbols	Oberdiek	367
colophon	Provides commands for producing a colophon	Goodman	230
color-edits	Colorful edits for multiple authors of a shared document	Kempe	278
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	171
colordoc	Coloured syntax highlights in documentation	Garcia-De Castro	173
colordvi	Simple colour use in Plain T <sub>E</sub> X	Hafner, Rokicki	241
coloremoji	Style package for directly including color emojis in L <sup>A</sup> T <sub>E</sub> X documents	Jacobson	267
colorframed	Fix color problems with the package “framed”	Burnol	165
colorinfo	Retrieve colour model and values for defined colours	Niepraschk	362
coloring	Define missing colors by their names	Hu	261
colorist	Write your articles or books in a colorful way	XU	540
colorprofiles	Collection of free ICC profiles	Preining	394
colors	Simple colour-selection commands	Knight	290
colorsep	Color separation	Rahtz	397
colospace	Provides PDF color spaces	Bezós López	319
colortab	Shade cells of tables and halign	Van Zandt, Voß	547
colortbl	Add colour to L <sup>A</sup> T <sub>E</sub> X tables	Carlisle	169
colortex	Colour facilities for use with T <sub>E</sub> X	Cérin	174
colorwav	Colours by wavelength of visible light	Setzer	439
colorweb	Extend the color package colour space	Beach	143
colourchange	Colourchange	Bradley	159
combelow	Typeset “comma-below” letters, as in Romanian	Pignalberi	390
combine	Bundle individual documents into a single document	Robertson, Wilson	409
combinedgraphics	Include graphic (EPS or PDF)/L <sup>A</sup> T <sub>E</sub> X combinations	Schneider	431
combofont	Add NFSS-declarations of combo fonts to LuaL <sup>A</sup> T <sub>E</sub> X documents	Fischer	213
comfortaa	Sans serif font, with L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Aakerlund	349
comicneue	Use Comic Neue with T <sub>E</sub> X(-like) systems	Hofstra	257
comicsans	Use Microsoft Comic Sans font	Pakin	378
comma	Formats a number by inserting commas	Carlisle	169
commado	Expandable iteration on comma-separated and filename lists	Lück	324
commath	Mathematics typesetting support	Putschögl	396
commentit	Commented editions with L <sup>A</sup> T <sub>E</sub> X	Veytsman	513
comment-pln	Comment macros for use in Plain T <sub>E</sub> X	Alexander	129
comment	Selectively include/exclude portions of text	Eijkhout	202
comment_io	A Python script to comment and uncomment lines	Larsson	308
committee-font	A font designed by a committee	Unknown	500
commonunicode	Convert common unicode symbols to L <sup>A</sup> T <sub>E</sub> X code	Pizarro R.	396
commutative-dia...	CoDi: Commutative Diagrams for T <sub>E</sub> X	Brasolin	159
comp-fonts-FAQ	Frequently Asked Questions from comp.fonts	Walsh	526
compact-symbols	Compact lists of symbols	Sermutlu	439
compactbib	Multiple thebibliography environments	Lejay	312
compare	Compare two strings	McManus	340
competences	Track skills of classroom checks	Bares	139
complexity	Computational complexity class names	Bourke	158
components	Components of T <sub>E</sub> X	Schrod	432
The Comprehensi...	Symbols accessible from L <sup>A</sup> T <sub>E</sub> X	Pakin	380
compsci	Document (LaTeX) programming with L <sup>A</sup> T <sub>E</sub> X	Swift	464
computational-c...	Class for the journal Computational Complexity	Nüsken	366
computer-typese...	Content of the book Computer Typesetting Using L <sup>A</sup> T <sub>E</sub> X	Baldin	138
concepts	Keeping track of formal ‘concepts’ for a particular field	Helvensteijn	250
concmath-fonts	Concrete mathematics fonts	Vieth	515

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
concmath-otf	Concrete based OpenType Math font	Flipo	214
concmath	Concrete Math fonts	Vieth	515
concprog	Concert programmes	Brodnik	161
concrete-macros	Consistent text and maths using concrete fonts	Hefferon	248
concrete	Concrete Roman fonts	Knuth	290
CondiTeXt	Define and manage conditional content	Brabant	158
confproc	A set of tools for generating conference proceedings	Verfaille	511
consdiag	A utility for OO programming documentation	Algaba	130
constants	Automatic numbering of constants	Lejay	312
coneq	Typeset multiline continued equalities	Breitner	160
context-account	A simple accounting package	Schuster	435
context-algorit...	Algorithm handling in ConTeXt	Schuster	435
context-animation	Generate fieldstack based animation with ConTeXt	Schuster	435
context-annotation	Annotate text blocks	Schuster	435
context-bnf	A BNF module for ConTeXt	Weibull	529
context-calenda...	Collection of calendars based on the PocketDiary-module	Egger	201
context-chromato	ConTeXt macros for chromatograms	Münster	354
context-cmscbf	Use Computer Modern bold Caps and Small-caps in ConTeXt	Münster	354
ConTeXt-cmttbf	Use Computer Modern Typewriter bold font in ConTeXt	Münster	354
context-collati...	Environment to place collating marks on the spine of a section	Egger	201
context-constru...	Construction plans in ConTeXt	Münster	354
context-cyrilli...	Write numbers as cyrillic glyphs	Gesang	224
context-degrade	Degrading JPEG images in ConTeXt	Münster	354
context-fancybreak	Overfull pages with ConTeXt	Schuster	435
context-filter	Run external programs on the contents of a start-stop environment	Mahajan	332
context-fixme	Make editorial marks on a document	Schuster	435
context-french	Support for writing French in ConTeXt	Münster	354
context-fullpage	Overfull pages with ConTeXt	Schuster	435
context-gantt	GANTT module for ConTeXt	Reviczky, Mahajan	405
ConTeXt-gnuplot	Inclusion of Gnuplot graphs in ConTeXt	Miklavec, Hagen, Hoekwater	343
context-handlecsv	Data merging for automatic document creation	Hajtmar, Rodríguez	242
context-inifile	An ini-file pretty-printer, using ConTeXt	Münster	354
context-interva...	Date driven lists or lists driven by date-intervals	Egger	201
context-layout	Show ConTeXt layouts	Gundlach	239
context-letter	ConTeXt package for writing letters	Schuster	435
context-lettrine	A ConTeXt implementation of letrines	Hoekwater, Flipo	256
context-lilypond	Lilypond code in ConTeXt	Creutzig	185
context-mathsets	Set notation in ConTeXt	Mahajan	332
context-notes-z...	Notes on using ConTeXt MkIV	Li	315
context-pocketd...	A personal organiser	Egger	201
context-rst	Process reStructuredText with ConTeXt	Gesang	224
context-ruby	Ruby annotations in ConTeXt	Schuster	435
context-sgf	A Go system in ConTeXt	Chen, Schuster	176
context-simplef...	Simplified font usage for ConTeXt	Schuster	435
context-simples...	A module for preparing presentations	Mahajan, Schmitz, Ramm	332
context-sudoku	Sudokus for ConTeXt	del Rio	406
context-taspresent	Simple presentations using ConTeXt	Schmitz	431
context-title	Place document titles	Schuster	435
context-top-ten	The "top ten" ConTeXt commands	Corsair	184
context-transli...	Transliterate text from 'other' alphabets	Gesang	224
context-typearea	Something like Koma-Script typearea	Münster	354
context-typescr...	Small modules to load various fonts for use in ConTeXt	Schuster	435
context-URWGara...	ConTeXt support for URW Garamond font	Münster	354
context-URWGothic	ConTeXt support for URW Gothic	Hoekwater	256



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
context-vim	Generate ConTeXt syntax highlighting code from vim	Mahajan, Miklavec	332
context-visualc...	Visual display of ConTeXt counters	Mahajan	332
context	The ConTeXt macro package	Hagen	241
continue	Prints ‘continuation’ marks on pages of multipage documents	Wilson, Robertson	536
contour	Print a coloured contour around text	Harders, Høgholm	246
contracard	Generate calling cards for dances	Whited	531
conv-xkv	Create new key-value syntax	Story	459
convbkmk	Correct platex/uplatex bookmarks in PDF created with hyperref	Tanaka	474
convert	Generate Knuthian encoding for text files	Raichle	399
cooking-units	Typeset and convert units for cookery books and recipes	Vitecek	517
cooking	Typeset recipes	Reichert	403
cookingsymbols	Symbols for recipes	Harder	245
cookybooky	A L <sup>A</sup> T <sub>E</sub> X based package to easily typeset some professional looking cooking recipes	Gilg	226
cool	COnTent-Oriented L <sup>A</sup> T <sub>E</sub> X	Setzer	439
coolfn	Typeset long legal footnotes	Granet	233
coollist	Manipulate COnTent Oriented L <sup>A</sup> T <sub>E</sub> X Lists	Setzer	439
coolstr	String manipulation in L <sup>A</sup> T <sub>E</sub> X	Setzer	439
coolthms	Reference items in a theorem environment	Fütterer, Zachhuber	221
cooltooltips	Associate a pop-up window and tooltip with PDF hyperlinks	Pakin	378
coop-writing	Support for Cooperative Writing and editorial comments	Xexéo	540
cooperhewitt	LaTeX, pdfLaTeX, XeL <sup>A</sup> T <sub>E</sub> X and LuaL <sup>A</sup> T <sub>E</sub> X support for the Cooper Hewitt family of sans serif fonts	Tennent	477
coordsys	Draw cartesian coordinate systems	Hansen	243
copac-clean	Automatic editing of Copac/BibTeX records	Milanesi	344
coptic	Coptic Fonts	Rosmorduc	416
copyedit	Copyediting support for L <sup>A</sup> T <sub>E</sub> X documents	Radhakrishnan, Rajagopal, Venkatesan	397
copypaste	Copy and paste into and across documents	Lourenço de Lima	316
copyrightbox	Provide copyright notices for images in a document	van der Flaas	214
corelfonts	An installation script for Corel Ventura fonts	McClelland	338
corelpak-contrib	Manage Corel-distributed fonts	Tinnefeld	491
corelpak	Metrics, etc., for fonts distributed with Corel products	Woch	537
CormorantGaramond	Cormorant Garamond family of fonts	Tennent	477
correctmathalign	Correct spacing of the alignment in expressions	Kieda	281
corrects	Macros for marking correction sheets	Piff, Fairbairns, Carlisle	389
corridx-latex	Correct index entries for chemical compounds	Fink	212
corridx-obsolete	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Fink	212
coseoul	Context sensitive outline elements	Teubner	481
counttto	Make use of count1 to count9	Schröder, Peischl	433
counterz	Additional tools for counters	McClain	338
countriofeurope	A font with the images of the countries of Europe	Zimmermann, Voß, Niepraschk	550
counttexruns	Count compilations of a document	Schneider	431
courier scaled	Provides a scaled Courier font	Schulz	434
Courier	Adobe Type 1 “free” copies of Courier	IBM Corporation	264
couriertn	Courier 10 Pitch BT with L <sup>A</sup> T <sub>E</sub> X support	Miller	345
courseoutline	Prepare university course outlines	Gall	222
coursepaper	Prepare university course papers	Gall	222
coverpage	Automatic cover page creation for scientific papers	Kopp, Mühlich	297
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	379
covington	L <sup>A</sup> T <sub>E</sub> X macros for Linguistics	Spitzmüller, Covington, Fairbairns	452
cprog	Typeset C programs	McManus	340



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cprotect	Allow verbatim, etc., in macro arguments	Le Floch	215
cprotectinside	Use cprotect arbitrarily nested	user202729	507
cpssp	Draw protein secondary structures	Skala	447
cptex	Use different code pages for T <sub>E</sub> X input	Krämer	298
CQUBeamer	L <sup>A</sup> T <sub>E</sub> X Beamer Template for Chongqing University	Wan	527
CQUThesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Chongqing University	Zhennan	550
crbox	Boxes with crossed corners	Khalighi, bidi-tex GitHub Organisation	279
create-struktex	Create struktex code	Lenser	314
create-theorem	Multilingual support for theorem-like environments	XU	541
crefthe	Cross referencing with proper definite articles	XU	541
crimson	Crimson fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
CrimsonPro	CrimsonPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
croatian	Fonts for Croatian Glagolitic and other Croatian scripts	Žubrinić	551
crop	Support for cropmarks	Franz, Thomas	218
cropmark-pu	Cropmark macros for Plain T <sub>E</sub> X	Ungar	498
cropmark	Crop marks on \shipout	Eijkhout	202
cropmarks-pt	Philip Taylor's cropmarks macros	Taylor	475
cropmrks	Add crop marks to a Plain T <sub>E</sub> X document	Taylor	475
crossrefenum	Smart typesetting of enumerated cross-references for various T <sub>E</sub> X formats	Dumont	198
crossreference	Crossreferences within documents	Filby	211
crossreftools	Expandable extraction of cleveref data	Hupfer	262
crossrefware	Scripts for working with crossref.org	Veytsman	513
crosstex	Bibliography management tool	Burgess, Sirer	165
crossword	Typeset crossword puzzles	Neugebauer	358
crosswrđ	Macros for typesetting crossword puzzles	Hamilton Kelly, Mittelbach	278
crudetype	Line printer output from DVI files	Damerell	188
crumbs	Add a Navigation Path to the page header	Bugayenko	163
crw	Crossword macros for Plain T <sub>E</sub> X	van der Laan	305
cryptocode	Typesetting pseudocode, protocols, game-based proofs and black-box reductions in cryptography	Mittelbach	346
cryst	Font for graphical symbols used in crystallography	Müller	352
csassignments	A wrapper for article with macros and customizations for computer science assignments	Bartolomey	141
csbulletin	L <sup>A</sup> T <sub>E</sub> X class for articles submitted to the CSTUG Bulletin (Zpravodaj)	Novotný, Wagner	365
csfonts-t1	Czech/Slovak tuned CM fonts in Type 1 format	Olšák	375
csfonts	Czech/Slovak-tuned Computer Modern fonts	Novak, Horák, Lhotka, Olšák	365
csindex	Czech/Slovak version of MakeIndex	Plášil, Salvat, Wagner	391
cslatex	L <sup>A</sup> T <sub>E</sub> X support for Czech/Slovak typesetting	Zlatuška, Wagner, Snajdr	551
csname-doc	A list of plain.tex cs names	Unknown	500
csplain	Plain T <sub>E</sub> X multilanguage support	Olšák	375
cspsfnts	Czech/Slovakian PostScript font support	Olšák, Wagner	375
csquotes-de	German translation of csquotes documentation	Conrad, Faßbender, Römer	183
csquotes	Context sensitive quotation facilities	Lehman, Wright	312
css-colors	Named colors for web-safe design	Buxbaum	167
CSTeX	Support for Czech/Slovak languages	Olšák	375
cstypo	Czech typography rules enforced through LuaT <sub>E</sub> X hooks	Haisman	241
csv2latex	Convert spreadsheet table cells into L <sup>A</sup> T <sub>E</sub> X source	Munn, Counsell	354
csvmerge	Merge T <sub>E</sub> X code with csv data	Taylor	475
csvsimple	Simple CSV file processing	Sturm	463
csvtolatex	Link spread sheets to L <sup>A</sup> T <sub>E</sub> X	Pietsch	389
csvtools	Reading data from CSV files	Talbot	468
csx	Computer Sanskrit/(Extended) coding support on MS-DOS	Wujastyk, Friedlander	540

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ctable	Flexible typesetting of table and figure floats using key/value directives	Dekker	189
ctablestack	Catcode table stable support	L <sup>A</sup> T <sub>E</sub> X Team	485
ctan-bibdata	Bibliography data for all CTAN packages	Voß	519
ctan-o-mat	Upload or validate a package for CTAN	Neugebauer	358
ctan_chk	CTAN guidelines verifier and corrector for uploading projects	Bone	154
ctanbib	Export CTAN entries to bib format	Hoftich	257
ctanify	Prepare a package for upload to CTAN	Pakin	379
CTAN tools	A jiffy to search CTAN file list	Huynh	263
ctanupload	Support for users uploading to CTAN	Scharrer	425
ctex-faq	L <sup>A</sup> T <sub>E</sub> X FAQ by the Chinese T <sub>E</sub> X Society (ctex.org)	Wu	539
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	310
ctib4tex	Tibetan for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X2e	Corff	183
ctie	C version of tie (merging Web change files)	Gilbey	226
cuisine	Typeset recipes	Cohen	182
cun	A cuneiform font	Grant	234
cuprum	Cuprum font family support for L <sup>A</sup> T <sub>E</sub> X	Roncaglia	415
currency	Format currencies in a consistent way	Lejay	313
currfile	Provide file name and path of input files	Scharrer	425
currvita	Typeset a curriculum vitae	Reichert	403
curlatex	A L <sup>A</sup> T <sub>E</sub> X tutorial	Campani	168
cursor	Draw a cursor in an equation	Spit	452
CurVe	A class for making curriculum vitae	Verna	511
curve2e	Extensions for package pict2e	Beccari	144
curves	Curves for L <sup>A</sup> T <sub>E</sub> X picture environment	Maclaine-Cross	330
custom-bib	Customised BibT <sub>E</sub> X styles	Daly	187
customdice	Simple commands for drawing customisable dice	Rowlett	418
cuted	Mixing onecolumn and twocolumn modes	Tolušis	492
cutwin	Cut a window in a paragraph, typeset material in it	Wilson, Hoenig, Carlisle	536
cv	A package for creating a curriculum vitae	Maier	332
cv4tw	L <sup>A</sup> T <sub>E</sub> X CV class, with extended details	Gouez	232
cvss	Compute and display CVSS base scores	Vivegnis	517
CVsty	Yet another style for easy CV pagination	Pereira	386
cweb-latex	A L <sup>A</sup> T <sub>E</sub> X version of CWEB	Schrod	433
cweb	A Web system in C	Knuth, Scherer, Levy	293
cwebbin	CWEB for ANSI-C/C++ compilers	Scherer	427
cweb-hy	Insert hyperlinks for included files	Melendez	341
cwebx	A system for Structured Software Documentation in C	van Leeuwen	311
cyber	Annotate compliance with cybersecurity requirements	Jennings	270
cybercic	“Controls in Contents” for the cyber package	Jennings	270
cyklop	The Cyclop typeface	Nowacki	365
cyriot	A script which was used on Cyprus for writing Greek	Wilson	533
cyriote	A font for ancient Cyriot Greek inscriptions	Stanier	455
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	518
cyrillic209	Provides basic L <sup>A</sup> T <sub>E</sub> X 2.09 font access to the Washington cyrillic fonts	Karney	275
cyrmemo	Details of using the AMS Cyrillic fonts	Beeton	146
cyrtug	EmT <sub>E</sub> X as distributed by CyrTUG	Goossens	231
czhyph	Hyphenation patterns for Czech	Unknown	500
czhyph2e	Convert Czech hyphenation patterns to standard encoding	Lemberg	313
<b>DDDDD</b>			
dad	Simple typesetting system for mixed Arabic/Latin documents	Haralambous	244
dancers	Font for Conan Doyle’s “The Dancing Men”	Stanier	455

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dante-book-reviews	Book reviews published in DANTE's journal	Faulhammer	209
dantelogo	A font for DANTE's logo	Voß, Höppner	523
darkmode	General Dark Mode Support for L <sup>A</sup> T <sub>E</sub> X-Documents	Deisenroth	189
dashbox	Draw dashed boxes	Thomas	489
dashrule	Draw dashed rules	Pakin	379
dashundergaps	Produce gaps that are underlined, dotted or dashed	Mittelbach, Merciadri	347
dateref	Manage references to experimental data	Dietrich	192
datatool	Tools to load and manipulate data	Talbot	468
datatooltk	A Java GUI for preparing datatool input	Talbot	468
datax	Import individual data from script files	Gustavsson	240
dateiliste	Extensions of the \listfiles concept	Ebermann	199
datenumbr	Convert a date into a number and vice versa	Schröder	433
datepicker-pro	Create a popup datepicker using SWF	Story	459
dates	Macros for parsing date strings	Bennett	149
dates209	Flexible date macros	Clark	180
datestamp	Fixed date-stamps with LuaLaTeX	Unknown	500
datetime	Change format of \today with commands for current time	Talbot	469
datetime2-bahasai	Bahasai language module for the datetime2 package	Talbot	469
datetime2-basque	Basque language module for the datetime2 package	Talbot, Izaola	473
datetime2-breton	Breton language module for the datetime2 package	Talbot	469
datetime2-bulga...	Bulgarian language module for the datetime2 package	Talbot	469
datetime2-catalan	Catalan language module for the datetime2 package	Talbot	469
datetime2-croatian	Croatian language module for the datetime2 package	Talbot, Kokan	473
datetime2-czech	Czech language module for the datetime2 package	Talbot	469
datetime2-danish	Danish language module for the datetime2 package	Talbot	469
datetime2-dutch	Dutch language module for the datetime2 package	Talbot	469
datetime2-en-fu...	English Full Text styles for the datetime2 package	Talbot	469
datetime2-english	English language module for the datetime2 package	Talbot	469
datetime2-esper...	Esperanto language module for the datetime2 package	Talbot	469
datetime2-estonian	Estonian language module for the datetime2 package	Talbot	469
datetime2-finnish	Finnish language module for the datetime2 package	Välimäki, Talbot	508
datetime2-french	French language module for the datetime2 package	Talbot, Patience	473
datetime2-galician	Galician language module for the datetime2 package	Talbot	469
datetime2-german	German language module for the datetime2 package	Talbot, Friedl	473
datetime2-greek	Greek language module for the datetime2 package	Talbot	469
datetime2-hebrew	Hebrew language module for the datetime2 package	Talbot	469
datetime2-icela...	Icelandic language module for the datetime2 package	Talbot	469
datetime2-irish	Irish Gaelic Language Module for the datetime2 Package	Talbot	470
datetime2-it-fu...	Italian full text styles for the datetime2 package	Duchi	197
datetime2-italian	Italian language module for the datetime2 package	Talbot, Duchi	473
datetime2-latin	Latin language module for the datetime2 package	Talbot	470
datetime2-lsorbian	Lower Sorbian language module for the datetime2 package	Talbot	470
datetime2-magyar	Magyar language module for the datetime2 package	Talbot	470
datetime2-norsk	Norsk language module for the datetime2 package	Talbot	470
datetime2-polish	Polish language module for the datetime2 package	Talbot	470
datetime2-portuges	Portuguese language module for the datetime2 package	Talbot	470
datetime2-romanian	Romanian language module for the datetime2 package	Talbot, Patience	473
datetime2-russian	Russian language module for the datetime2 package	Talbot	470
datetime2-samin	Northern Sami language module for the datetime2 package	Talbot	470
datetime2-scottish	Scottish Gaelic Language Module for the datetime2 Package	Talbot	470
datetime2-serbian	Serbian language module for the datetime2 package	Talbot, Radović	474
datetime2-slovak	Slovak language module for the datetime2 package	Talbot	470
datetime2-slovene	Slovene language module for the datetime2 package	Talbot	470
datetime2-spanish	Spanish language module for the datetime2 package	Talbot	470
datetime2-swedish	Swedish language module for the datetime2 package	Talbot	470

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
datetime2-turkish	Turkish language module for the datetime2 package	Talbot	470
datetime2-ukrai...	Ukrainian language module for the datetime2 package	Talbot, Ponomarenko	473
datetime2-usorbian	Upper Sorbian language module for the datetime2 package	Talbot	470
datetime2-welsh	Welsh language module for the datetime2 package	Talbot	470
datetime2	Formats for dates, times and time zones	Talbot	469
dayofweek	Calculate day of week, phase of moon	Minow	345
DayRoman	The Day Roman typeface	Schmidt, Harcombe	428
daytime	Print time of day	Orlandini, Greenwade	376
db	Process simple databases inside L <sup>A</sup> T <sub>E</sub> X	Panagopoulos	381
dblfloatfix	Fixes for twocolumn floats	Høgholm	258
dblfnote	Double-column footnotes	Nakashima	357
dblfont	Blackboard bold font package	Bosisio	156
DB_process	Process database output	Eijkhout	202
dbshow	A package to store and display data with custom filters, orders, and styles	Li	315
dccpaper	Typeset papers for the International Journal of Digital Curation	Ball	139
dco	Use the DC fonts with old-style numerals	Kirsch	284
dcolumn	Align on the decimal point of numbers in tabular columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	171
dcounter	Support dynamic counters	Rozhenko	419
DCpic	Commutative diagrams in a L <sup>A</sup> T <sub>E</sub> X and T <sub>E</sub> X documents	Quaresma	396
ddphonism	Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.	Rubio Madrigal	330
de-macro	Expand private macros in a document	Gács	221
debate	Debates between reviewers	Bugayenko	163
decimal	L <sup>A</sup> T <sub>E</sub> X package for the English raised decimal point	Syropoulos, Nickalls	467
decision-table	An easy way to create Decision Model and Notation decision tables	Vandevelde, Pantigny	509
declare	Declare register names locally	Pittman, Bursleson	391
decorule	Decorative swelled rule using font character	Flynn	216
decsci	BibT <sub>E</sub> X style for the journal Decision Sciences	Rubin	420
dectab	Align columns on a decimal point	Franklin	218
default	Provide default parameters for T <sub>E</sub> X macros	Jiang	270
deflist	A variation on the description environment	Unknown	500
defstring	Define macros as verbatim macros	Unknown	500
degrade	Degrade JPEG images on the fly, prior to inclusion	Münster	355
dehyph-exptl	Experimental hyphenation patterns for the German language	Lemberg, Hennig, Milde, Wehr	314
dehyph	German hyphenation patterns for traditional orthography	Lemberg, Raichle	314
dejavu-otf	Support for the ttf and otf DejaVu fonts	Voß	519
dejavu	L <sup>A</sup> T <sub>E</sub> X support for the DejaVu fonts	Farar	208
delarray	Delimiters for arrays	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
deleq	Flexible numbering of equations	Dahlgren	186
delig	Disable misplaced ligatures in L <sup>A</sup> T <sub>E</sub> X documents	Warner	527
delim	Simplify typesetting mathematical delimiters	Majewsky	332
delimseasy	Delimiter commands that are easy to use and resize	Graham	232
delimset	Typeset and declare sets of delimiters with convenient size control	Beisert	147
delimtxt	Read and parse text tables	Pedersen	385
democodetools	Package for L <sup>A</sup> T <sub>E</sub> X code documentation	Frigeri	220
denisbdoc	A personal dirty package for documenting packages	Bitouzé	152
deproc	Macros for DECUS proceedings articles	Beeton	146
derivative	Nice and easy derivatives	Jensen	270
desclist	Extended “description” lists	Rozhenko	419
designcon	Develop DesignCon papers	Pupalaikis	395
detex	Strip T <sub>E</sub> X from a source file	Trinkle	494
detexfaq	German T <sub>E</sub> X FAQ	Gundlach	239
devanagari-omega	Typeset Devanagari with Omega	Unknown	500

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
devanagari	Typeset Devanagari	Wagner, Pandey, Velthuis, Smith, Wujastyk, Patte	526
development	BibTeX style file for the journal Development	Eglen	201
dfgproposal	Support for writing proposals to the DFG	Kohlhase	293
dhua	German abbreviations using thin space	Lück	324
diabetes-logbook	A logbook for people with type one diabetes	Grigorov	238
diadia	Package to keep a diabetes diary	Kleber	285
diagbox	Table heads with diagonal lines	Liu	317
diagmac	A diagram drawing package	Reynolds	405
diagmac2	Diagram macros, using pict2e	Tennent, Reynolds	481
diagnose	A diagnostic tool for a T <sub>E</sub> X installation	Corff	183
diagramf	Labelled diagrams in Metafont	Gibbons, Jeffrey	225
diagrams	A CTAN collection of diagram macro packages	The CTAN Team	483
diagxy	Diagram macros by Michael Barr	Barr	140
dialogl	Macros for constructing interactive L <sup>A</sup> T <sub>E</sub> X scripts	Downes	195
dialogue	Quote short scripted dialogue in L <sup>A</sup> T <sub>E</sub> X	Swift	464
dice	A font for die faces	Heim	249
dichokey	Construct dichotomous identification keys	Dam	188
dickimaw	Books and tutorials from the “Dickimaw L <sup>A</sup> T <sub>E</sub> X Series”	Talbot	471
dictsym	DictSym font and macro package	Schmidt, Harcombe	429
diffcoeff	Write differential coefficients easily and consistently	Parsloe	383
digestif	Editor plugin for L <sup>A</sup> T <sub>E</sub> X, ConTeXt etc.	Stoffel	457
digicap-pro	Creates captions to digital photos	Story	459
digiconfigs	Writing “configurations”	Madsen	330
dijkstra	Dijkstra algorithm for L <sup>A</sup> T <sub>E</sub> X	Tellechea	476
dimnum	Commands for dimensionless numbers	Clemente	181
din1505	Bibliography styles for German texts	Lorenzen, Baumann	322
dinat	Bibliography style for German texts	Baumann	142
dinbrief-gui	GUI for L <sup>A</sup> T <sub>E</sub> X package dinbrief	Busch	166
dinbrief	German letter DIN style	Braune, Gussmann	159
dingbat	Two dingbat symbol fonts	Henderson, Pakin	251
directory	An address book using BibTeX	Geuzaine	224
directtex	TeX for the Macintosh	Ricken	405
dirtree	Display trees in the style of windows explorer	Charpentier	175
dirtytalk	A package to typeset quotations easier	Klammler	284
disser	Class and templates for typesetting dissertations in Russian	Kruchinin	300
ditaa	Use ditaa diagrams within L <sup>A</sup> T <sub>E</sub> X documents	Ukai	497
dithesis	A class for undergraduate theses at the University of Athens	Mantzouratos	333
divine	L <sup>A</sup> T <sub>E</sub> X support for the divine font	Veytsman	513
djgpp	DJGPP-based version of T <sub>E</sub> X for MS-DOS	Zaretskii	548
dk-bib	Danish variants of standard BibTeX styles	Jørgensen	271
dkhyphen	Danish hyphenation patterns	Jensen	270
dktools	Tools and libraries by Dirk Krause	Krause	299
dlfltxb	Macros related to “Introdktion til L <sup>A</sup> T <sub>E</sub> X”	Madsen	331
dmfonts	Virtual fonts to provide T1 encoding	Sullivan, Kunert	463
dmhgener	Equation, figure (etc.) numbering and referencing	Unknown	500
dnaseq	Format DNA base sequences	Pedersen	385
do-it-yourself-tex	Back to Plain XeTeX	Herz-Fischler	253
doafter	Do things after a group	Wooding	537
doc-pictex	A summary list of PicTeX documentation	Lück	324
doc	Format L <sup>A</sup> T <sub>E</sub> X documentation	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	347
docarc	Multi-user distributed bibliographic database system	Kieling	281
docassembly	Use the Acrobat JavaScript API	Story	459
docbytex	Creating documentation from source code	Olšák	375
doclicense	Support for putting documents under a license	Schneider	431



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
docmfp	Document non-L <sup>A</sup> T <sub>E</sub> X code	Robertson, Wilson	409
docmute	Input files ignoring L <sup>A</sup> T <sub>E</sub> X preamble, etc	Trzeciak	494
docshots	TeX samples next to their PDF Snapshots	Bugayenko	163
docstrip	Remove comments from file	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	347
docsurvey	A survey of L <sup>A</sup> T <sub>E</sub> X documentation	Dunn	198
doctools	Tools for the documentation of L <sup>A</sup> T <sub>E</sub> X code	Pospiech	393
documentation	Documentation support for C, Java and assembler code	Morales	349
docutils	Helper commands and element definitions for Docutils L <sup>A</sup> T <sub>E</sub> X output	Milde	344
dogma	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Dogma Font From Emigre Graphics	Veytsman	513
doi	Create correct hyperlinks for DOI numbers	Sneep, Oberdiek	449
doipubmed	Special commands for use in bibliographies	Talbot	471
domitian	Drop-in replacement for Palatino	Miller	345
dos-dc	A distribution of the DC fonts for emTeX	Schleicher, Schwarz	427
dosepsbin	Deal with DOS binary EPS files	Oberdiek	367
dot2tex	Convert graphs generated by Graphviz to L <sup>A</sup> T <sub>E</sub> X friendly formats	Fauske	209
dot2texi	Create graphs within L <sup>A</sup> T <sub>E</sub> X using the dot2tex tool	Fauske	209
dotarrow	Extendable dotted arrows	Schneider	431
dotlessi	Provides dotless i's and j's for use in any math font	Bezós López	319
dotlessj	Generates a dot-less j	Carlisle	169
dotseqn	Flush left equations with dotted leaders to the numbers	Arseneau	133
dottex	Use dot code in L <sup>A</sup> T <sub>E</sub> X	Kotthoff	298
doublecol	Double-column page macros for Plain T <sub>E</sub> X	Unknown	500
doublepace	Double space environment	Page	378
doublestroke	Typeset mathematical double stroke symbols	Kummer	303
doullossil	A font for typesetting the International Phonetic Alphabet (IPA)	Unknown	500
dow	Calculate day of week from a numeric date	Unknown	500
dowith	Apply a command to a list of items	Lück	324
download	Allow L <sup>A</sup> T <sub>E</sub> X to download files using an external process	Sigurdhsson	446
dox	Extend the doc package	Verna	511
dozenal	Typeset documents using base twelve numbering (also called "dozenal")	Goodman	230
DPcircling	Decorated text boxes using TikZ	Mitsuaki	346
dpfloat	Support for double-page floats	Fox	217
dprogress	LaTeX-relevant log information for debugging	Amberg	131
dps	Create a "matching" game with a hidden message	Story	459
drac	Declare active character substitution, robustly	Henel, Noirel	252
draft	A L <sup>A</sup> T <sub>E</sub> X 2.09 style for supporting work on drafts	Baker	138
draftcopy	Identify draft copies	Vollmer	518
draftfigure	Replace figures with a white box and additional features	Bossert	157
drafthead	Mark "DRAFT" in page headers	Page	378
draftmark	Put draft marks on selected pages	Musa	355
draftwatermark	Put a grey textual watermark on document pages	Callegari	167
drama	Production-style stage script in L <sup>A</sup> T <sub>E</sub> X	Swift	464
dramatist	Typeset dramas, both in verse and in prose	Dominici	194
dratex	General drawing macros	Gurari	240
Drawing-with-Me...	How to draw technical diagrams with MetaPost	Thurston	490
drawing	Simple drawings with Metafont	Wagner	525
drawmatrix	Draw visual representations of matrices in L <sup>A</sup> T <sub>E</sub> X	Peise	386
drawstack	Draw execution stacks	Moy	351
drcaps	Simple dropped capitals	Shipunov	443
drftcite	Print the bibliography in "draft" mode	Arseneau	133
drm	A complete family of fonts written in Metafont	Goodman	230
droid	L <sup>A</sup> T <sub>E</sub> X support for the Droid font families	El Morabity, Matteson	349
droit-fr	Document class and bibliographic style for French law	de Saint-Pern	422
drop	Dropped capitals at the start of a paragraph (L <sup>A</sup> T <sub>E</sub> X 2.09)	Cantor, Wujastyk	168



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dropcaps	Use dropped capitals to start a paragraph	Lauwers	309
dropping	Drop first letter of paragraphs	Dahlgren	187
drs	Typeset Discourse Representation Structures (DRS)	Dimitriadis	193
drv	Derivation trees with MetaPost	Méhats	341
dspticks	Macros for Digital Signal Processing plots	Prandoni	394
DSSerif	A double-struck serifed font for mathematical use	Sharpe	440
dtk-1.32	Document class for the journal of DANTE	Neugebauer, Voß	359
dtk-bibliography	Bibliography of “Die $\TeX$ nische Komödie”	Ziegenhagen	550
dtk	Document class for the journal of DANTE	Voß, Niepraschk	523
dtl	Tools to dis-assemble and re-assemble DVI files	Tobin	491
dtxdescribe	Describe additional object types in dtx source files	Dunn	198
DTX gallery	A small collection of minimal DTX examples	Robertson	407
dtxgen	Creates a template for a self-extracting .dtx file	Dekker	189
dtxtut	Tutorial on writing .dtx and .ins files	Pakin	379
ducksay	Draw ASCII art of animals saying a specified message	Spratte	453
duckuments	Create duckified dummy content	Spratte	453
duerer-LaTeX	L <sup>A</sup> T <sub>E</sub> X support for the Duerer fonts	Jørgensen	272
duerer	Computer Duerer fonts	Hoening	256
duotenzor	Drawing package for circuit and duotensor diagrams	Hardy	246
duplicat	Make duplicate page numbers distinct	Piff, Fairbairns, Carlisle	389
dutchcal	A reworking of ESSTIX13, adding a bold version	Sharpe	440
dvdcoll	A class for typesetting DVD archives	Kleber	285
dvgloss	Facilities for setting interlinear glossed text	Velleman	510
dvgt	Previewer for use on graphic and character-cell terminals	Tobin	491
dvgtk	Tektronix 401x DVI previewer	Cholewo	179
dvi-economic	Save paper while printing	Verhoeven	511
dvi2bitmap	Utility to convert $\TeX$ DVI files directly to bitmaps	Gray	235
dvi2ln3	LN03 driver based on DVItyp	Rose	415
dvi2tty	Produce ASCII from DVI	Lindahl, Mol, Tanaka	316
dvi2xx	A general-purpose DVI output for Hewlett-Packard printers	Neumann	359
DVIasm	A utility for editing DVI files	Cho, Hosny, Yamashita	179
dvibit	DVI driver for BBN bitgraph terminal	Senn, Schaad	438
dvibook	Utilities for manipulating DVI files	Duggan	198
dvichk	List the page numbers in a DVI file	Esken	205
dviconcat	Concatenates DVI files	Unknown	500
dvicopy	Copy DVI files, flattening VFs	Breitenlohner	160
dvidvi	Convert one DVI file into another	Rokicki, Zimanyi, $\TeX$ Live	414
dvi	Extract information from a DVI file	Lewenberg	314
dviincl	Include a DVI page into MetaPost output	BOP	154
dviinfox	Perl script to print DVI meta information	Yamashita, Langmyhr	542
dviljk	DVI to Laserjet output	Berry, Schrod, $\TeX$ Live	150
dvimerge	Merge two DVI files together	Rahtz	398
dviout	TeX previewer and printer driver for MS-Windows	Toshio, Otobe, Asayama, Tanaka	493
dvipaste	DVI manipulation	MacKay, Spivak	330
dvipdfm	A DVI driver to produce PDF directly	Wicks	531
dvipdfmx-def	Configuration file for dvipdfmx graphics	Cho, Hirata, L <sup>A</sup> T <sub>E</sub> X Team	179
dvipdfmx	An extended version of dvipdfm	Cho, Franz, Hirata, Wicks, Hosny, Breitenlohner, $\TeX$ Live	179
dvipng	A fast DVI to PNG/GIF converter	Larsson	308
dvips-os2	OS/2 dvips	Kim	283
dvips-shell	A dvips Shell for MS-Windows32	Unknown	500
dvips	A DVI to PostScript driver	Rokicki, $\TeX$ Live	414
dvipscol	Alter the usage of the dvips colour stack	Oberdiek	367

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dvipsconfig	Collection of dvips PostScript headers	Kuhlmann	301
dvipsk	Convert DVI to PostScript	Rokicki, Berry	414
dvisirule	Superimpose the covered hline and vline in a L <sup>A</sup> T <sub>E</sub> X tabular/colortbl environment	Senju	438
dvistd	A standard for DVI drivers	TUG DVI Standards Working Group	496
dvisun	DVI viewer for Sun2 systems	Hutchinson	263
dvism-def	Colour and Graphics support for dvism	L <sup>A</sup> T <sub>E</sub> X Team	485
dvism	Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)	Giesekeing	225
DVitoLN03	DVI output to Digital LN03 printer	Hamilton Kelly	278
dvitops	A DVI driver for PostScript output	Clark	180
dvitty	A plain-text output DVI driver	Lindahl	316
dvitype	Type out the content of a DVI file	Knuth	290
DVIVue	A DVI/PDF viewer for Windows	Frane Jr	273
dviwin	MS-Windows DVI screen and printer driver	Sendoukas	438
dynamicnumber	Dynamically typeset numbers and values in L <sup>A</sup> T <sub>E</sub> X through “symbolic links”	Pieters	389
dynblocks	A simple way to create dynamic blocks for Beamer	Fiandrino	211
dynbrackets	Commands to simplify the syntax of dynamic math brackets	Clemente	181
dynkin-diagrams	Draw Dynkin, Coxeter, and Satake diagrams using TikZ	McKay	339
dyntrree	Construct Dynkin tree diagrams	Setzer	439
<b>EEEE</b>			
e-french	Comprehensive L <sup>A</sup> T <sub>E</sub> X support for French-language typesetting	Gaulle, Juillerat	223
ean	Macros for making EAN barcodes	Olšák	375
ean13isbn	Print EAN13 for ISBN	Wagner	525
easing	easing functions for pgfmath	Loh	318
easy-todo	To-do notes in a document	Rada-Vilela	396
easy	A collection of easy-to-use macros	Bertolazzi	150
easybib	Simple syntax for custom bibliographies	Bertolazzi	150
easybmat	Block matrices	Bertolazzi	150
easybook	Easily typesetting Chinese theses or books	Yi	545
easyeqn	A simple package for writing equations	Bertolazzi	150
easyfig	Simplifying the use of common figures	Scharrer	425
easyfloats	An easier interface to insert figures, tables and other objects in L <sup>A</sup> T <sub>E</sub> X	Zöllner	551
easyformat	Easily add boldface, italics and smallcaps	Provoost	395
easyLaTeX	Faster and simpler writing of L <sup>A</sup> T <sub>E</sub> X documents	Shanks	439
easylist	Lists using a single active character	Isambert, Robbers	264
easymat	A simple package for writing matrices	Bertolazzi	150
easyReview	Package to provide a way to review (or perform editorial process) in L <sup>A</sup> T <sub>E</sub> X	Matos	336
easytable	A simple package for writing tables	Bertolazzi	150
easyvector	Write vectors in a C-like fashion	Bertolazzi	150
ebezier	Device independent picture environment enhancement	Bachmaier	137
ebgaramond-maths	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts in mathematics	Rees	402
ebgaramond	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts	Tennent	478
ebib	BibTeX database manager for GNU Emacs	Kremers	299
ebnf	Simple package for EBNF productions	Cugley	186
EBONG	Utility for writing Bengali in Rapid Roman Format	Banerjee	139
ebook	Helps creating an ebook by providing an ebook class	Steensgaard	456
ebproof	Formal proofs in the style of sequent calculus	Beffara	147
ebsthesis	Typesetting theses for economics	Baecker	137
ec-plain	Use EC fonts in Plain T <sub>E</sub> X	Taupin	474
ec	Computer modern fonts in T1 and TS1 encodings	Knappen, Schwarz	290
ecards	Electronic flash cards	Story	459

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
<code>ecc</code>	Sources for the European Concrete fonts	Schmidt, Harcombe	429
<code>ecclesiastic</code>	Typesetting Ecclesiastic Latin	Beccari	144
<code>ecgdraw</code>	Draws electrocardiograms (ECG)	Scavino, Aimé	424
<code>ec1tree</code>	Trees using epic and eepic macros	Isozaki	265
<code>eco</code>	Oldstyle numerals using EC fonts	Kirsch	284
<code>ecobiblatex</code>	Global Ecology and Biogeography Bib $\LaTeX$ styles for the Biber back-end	Balak	138
<code>econ-bst</code>	BibTeX style for economics papers	Takeda	468
<code>econlipsum</code>	Generate sentences from economic articles	Coleman	182
<code>Econometrica</code>	BibTeX support for Econometrica	Border, Horny	156
<code>econometrics</code>	Defines some commands that simplify mathematic notation in economic and econometric writing	Kole	296
<code>economic</code>	BibTeX support for submitting to Economics journals	Henningsen, Wigle	253
<code>ecothesis</code>	$\LaTeX$ thesis template for the Universidade Federal de Viçosa (UFV), Brazil	Rodrigues	412
<code>ecta</code>	Bibliography style for submission to Econometrica	Perez-Duarte	386
<code>ECV</code>	A fancy Curriculum Vitae class	Haberstumpf, Neumann	240
<code>eczar</code>	A font family supporting Devanagari and Latin script	Unknown	500
<code>ed</code>	Editorial Notes for $\LaTeX$ documents	Kohlhase	293
<code>eddi4tex</code>	Editor and shell for DOS and OS/2	Jahnz	268
<code>ednnotes</code>	Critical annotations to footnotes with ednotes	Lück	324
<code>edichokey</code>	Typeset dichotomous identification keys	Yang	543
<code>editbar</code>	Change bars for $\LaTeX$ 2.09	Van Geest	223
<code>edmac</code>	Typeset critical editions	Lavagnino, Wujastyk	309
<code>edmargin</code>	Multiple series of endnotes for critical editions	Burt	166
<code>ednotes</code>	Typeset scholarly editions	Lück	324
<code>eehyph</code>	Hyphenation patterns for the Estonian language	Saar	422
<code>eemeir</code>	Adjust the gender of words in a document	Hansen	243
<code>eepic</code>	Extensions to epic and the $\LaTeX$ drawing tools	Kwok, van Oostrum	304
<code>efbox</code>	Extension of <code>\fbox</code> , with controllable frames and colours	Malaquias	332
<code>eforms</code>	eForm support for the AcroTeX bundle	Story	459
<code>ega2mf</code>	Generate Metafont code for EGA screen fonts	Ridgeway	405
<code>egameps</code>	$\LaTeX$ package for typesetting extensive games	Osborne	377
<code>egothic</code>	Early Gothic manuscript book-hand font	Wilson	533
<code>egpeirce</code>	Draw existential graphs invented by Charles S. Peirce	Nikulainen	363
<code>egplot</code>	Encapsulate Gnuplot sources in $\LaTeX$ documents	Probst	395
<code>ehhline</code>	Extend the <code>\hhline</code> command	Paciorek	377
<code>eiad-ltx</code>	$\LaTeX$ support for the eiad font	Münch	353
<code>eiad</code>	Traditional style Irish fonts	Derzhanski	191
<code>eijkhout</code>	Victor Eijkhout's packages	Eijkhout	202
<code>einfart</code>	Write your articles in a simple and clear way	XU	541
<code>einfuehrung</code>	Examples from the book Einführung in $\LaTeX$	Voß	519
<code>einfuehrung2</code>	Examples from the book Einführung in $\LaTeX$	Voß	519
<code>eitl</code>	Easy install of $\TeX$ Live	Niepraschk, Voß	363
<code>ejpecp</code>	Class for EJP and ECP	Šakuras, Gumbakis, Chafai	422
<code>ekaia</code>	Article format for publishing the Basque Country Science and Technology Journal "Ekaia"	Ibarra	263
<code>ekdosis</code>	Typesetting TEI-xml compliant Critical Editions	Alessi	129
<code>EkType-Tanka</code>	Devanagari fonts by EkType	Unknown	500
<code>elbioimp</code>	A $\LaTeX$ document class for the Journal of Electrical Bioimpedance	Langmyhr	307
<code>electrumadf</code>	Electrum ADF fonts collection	Rees	402
<code>eledform</code>	Define textual variants	Rouquette	417
<code>eledmac</code>	Typeset scholarly editions	Rouquette	417
<code>eledpar</code>	Typeset scholarly editions in parallel texts	Rouquette	417
<code>ElegantBook</code>	An Elegant $\LaTeX$ Template for Books	Deng, Huang	191

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ElegantNote	Elegant L <sup>A</sup> T <sub>E</sub> X Template for Notes	Deng	190
ElegantPaper	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Working Papers	Deng	190
elements	Provides properties of chemical elements	Niederberger	361
elhyphen	Hyphenation for Greek text	Filippou	212
ellipse	Draw ellipses and elliptical arcs using the standard L <sup>A</sup> T <sub>E</sub> X2e picture environment	Leijen	312
ellipsis	Fix uneven spacing around ellipses in L <sup>A</sup> T <sub>E</sub> X text mode	Heslin	254
elmath	Mathematics in Greek texts	Syropoulos, Potamianos	468
elocalloc	Local allocation macros for L <sup>A</sup> T <sub>E</sub> X 2015	Carlisle	169
elpres	A simple class for electronic presentations	Kiefel	281
els-cas-templates	Elsevier updated L <sup>A</sup> T <sub>E</sub> X templates	Radhakrishnan, T. Nair	397
elsarticle	Class for articles for submission to Elsevier journals	Radhakrishnan, Pepping, Ruck	397
elteiktdk	TDK-thesis template for Hungarian TDK conferences, Section of Computer Science	Cserép	185
elteikthesis	Thesis template for Eötvös Loránd University (Informatics)	Cserép	186
eltex	Simple circuit diagrams in L <sup>A</sup> T <sub>E</sub> X picture mode	Gajdosik	222
elvish	Fonts for typesetting Tolkien Elvish scripts	Bradfield	159
elzcards	Typeset business cards, index cards and flash cards easily	Lazo Zaia	546
emarks	Named mark registers with e-TeX	Chervet	177
embedall	Embed source files into the generated PDF	Sartori, Lichti	423
embedfile	Embed files into PDF	Oberdiek	367
embrac	Upright brackets in emphasised text	Niederberger	361
emerald	Support for the free emerald city fontwerks fonts	Rodríguez	412
emf	Support for the EMF symbol	Jørgensen	272
emisa	A L <sup>A</sup> T <sub>E</sub> X package for preparing manuscripts for the journal EMISA	Sievers, Strecker	445
emo	Emoji for all (L <sup>A</sup> T <sub>E</sub> X engines)	Grimm	238
emoji	Emoji support in (Lua)LaTeX	Zeng	548
emojicite	Add emojis to citations	Sixt	447
emp	"Encapsulate" MetaPost figures in a document	Ohl	374
empheq	EMPHasizing EQuations	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	258
emptypage	Make empty pages really empty	Wette	531
emtex	A T <sub>E</sub> X system for MS-DOS and OS/2	Mattes	336
emtexgi	A MS-Windows shell for emTeX	Cottrell	185
emtrees	Draw labelled trees, using emTeX \specials	Boegeholz	153
emulateapj	Produce output similar to that of APJ	Vikhlinin, Markevitch	516
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	488
encTeX	A T <sub>E</sub> X extension that translates input on its way into T <sub>E</sub> X	Olšák	375
encxvlna	Insert nonbreakable spaces, using encTeX	Wagner, Olšák	526
endfloat	Move floats to the end, leaving markers where they belong	Goldberg, Sommerfeldt	229
endheads	Running headers of the form "Notes to pp.xx-yy"	Burt	166
endiagram	Easy creation of potential energy curve diagrams	Niederberger	361
endnote	Generic "endnotes" code	Unknown	500
EndNote2bib	Convert EndNote files to BibTeX	Mathar	335
endnotes-hy	Patches the endnotes package to create hypertext links to the correct anchors	Story	459
endnotes	Place footnotes at the end	Gaulle, Lavagnino, Fairbairns, Carlisle	223
endnotesj	Japanese-style endnotes	Yamashita	542
endofproofwd	An "end of proof" sign	Jensen	270
engord	Converts numbers to English ordinal numbers	Oberdiek	367
engpron	Helps to type the pronunciation of English words	Henel	251
engrec	Enumerate with lower- or uppercase Greek letters	Henel	252
engt1c	Support for users in Telecommunications Engineering	Fiandrino	211

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
engwar	Font for typesetting Tolkien Engwar script	Urban	507
enigma	Encrypt documents with a three rotor Enigma	Gesang	224
enotez	Support for end-notes	Niederberger	361
enparen	Consistent nested brackets	Oberdiek	367
enpassant	Enpassant chess font support	Fischer	214
enumerate	Enumerate with redefinable labels	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
enumitem-zref	Extended references to items for enumitem package	Chervet	177
enumitem	Control layout of itemize, enumerate, description	Bezos López	319
enumspec	Enumerate with extra leading character for labels	Greenwade	236
envbig	Printing addresses on envelopes	Manda, Sherman	333
envelope	Print envelopes	Sherman	443
environ	A new interface for environments in L <sup>A</sup> T <sub>E</sub> X	Robertson	407
envlab	Addresses on envelopes or mailing labels	Veytsman	513
envmath	Maths commands and environments	Bosio	156
eolang	Formulas and graphs for the EO programming language	Bugayenko	163
eolgrab	Catch arguments delimited by end of line	Oberdiek	367
epic	Enhance L <sup>A</sup> T <sub>E</sub> X picture mode	Podar	392
Epigrafica	A Greek and Latin font	Tsolomitis	494
epigram	Display short quotations	Hosek	260
epigraph-keys	Epigraphs using key values	McKay	339
epigraph	A package for typesetting epigraphs	Robertson, Wilson	409
epiolmec	Typesetting the Epi-Olmec Language	Syropoulos	466
ePiX	Utility for mathematically accurate, camera quality plots and line figures	Hwang	263
eplain	Extended plain T <sub>E</sub> X macros	Berry, Katsitadze, Sitaram	150
epmtfe	TeX environment for OS/2	Schmidt	428
epstein-trees	Macros for producing trees	Eppstein	204
eps2pdf	A Win32 GUI EPS to PDF convertor	Jakšić	268
epsdice	A scalable dice "font"	Heim	249
epsf-dvipdfmx	Plain T <sub>E</sub> X file for using epsf.tex with (x)dvipdfmx	Kakuto, Berry	274
epsf	Simple macros for EPS inclusion	Rokicki, Beebe	413
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	398
epsfig209	Obsolete graphics inclusion macros	Whaite	531
epsfview	Mac AppleScript tool for viewing figures generated with MetaPost	Bezos López	319
epsfx	A T <sub>E</sub> X macro package for including EPS graphics	BOP	154
epsincl	Include EPS in MetaPost figures	BOP	154
epslatex	Guide to using Encapsulated PostScript in L <sup>A</sup> T <sub>E</sub> X	Reckdahl	401
epspdf-extra	Platform-specific extras for epspdf	Kroonenberg	299
epspdf-setup	epspdf with GUI installer	Kroonenberg	300
epspdf	Converter for PostScript, EPS and PDF	Kroonenberg	299
epspdfconversion	On-the-fly conversion of EPS to PDF	Becker	145
epstool	Manipulate Encapsulated PostScript (EPS)	Lang	307
epstopdf-pkg	Call epstopdf "on the fly"	Oberdiek	368
epstopdf	Convert EPS to PDF using Ghostscript	Wierda, Rahtz, Esser, Oberdiek, Berry	532
eq-fetchbbl	Match Biblical passages with verse references in a quiz	Story	459
eq-pin2corr	Add PIN security to the "Correct" button of a quiz created by exerquiz	Story	460
eq-save	Save exerquiz quizzes and resume	Story	460
eq2db	Convert a quiz to one submitted to a server-side script	Story	460
eqell	Sympathetically spaced ellipsis after punctuation	Filipović	211
eqexam	A stand-alone exam package	Story	460
eqexpl	Align explanations for formulas	Morenko	350
eqlist	Description lists with equal indentation	Väth	509
eqmark	Generalise facilities for marking equation arrays	Nitschke	364
Eqmlite/Free	TeX system and PDF support for Linux and OS/2	MicroPress	343



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
eqnalign	Make eqnarray behave like align	Hejda	249
eqname	Name tags for equations	Neugebauer	358
eqnarray	More generalised equation arrays with numbering	Winkler	536
eqnarray209	A fix for L <sup>A</sup> T <sub>E</sub> X 2.09 eqnarray	Jones	271
eqnnumwarn	Modifies the amsmath equation environments to warn for a displaced equation number	Gleason	227
eqparbox	Create equal-widthed parboxes	Pakin	379
equationauthor	Visual equation editor	Manhiça	333
erdc	Style for Reports by US Army Corps of Engineers	Veytsman	513
erewhon-math	Utopia based OpenType Math font	Flipo	214
erewhon	Font package derived from Heuristica and Utopia	Sharpe	440
errata	Error markup for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	293
erw-13	Utilities based on L <sup>A</sup> T <sub>E</sub> X3	Rogard	413
esami	Typeset exams with scrambled questions and answers	Messineo, Vassallo	342
escapeTeXt	Make plain text safe for use in L <sup>A</sup> T <sub>E</sub> X	Hefferon	248
esdiff	Simplify typesetting of derivatives	Saudrais	423
esieecv	Curriculum vitae for French use	Bayart	142
esindex	Typset index entries in Spanish documents	Bezós López	319
esint-type1	Font esint10 in Type 1 format	Nikunen	364
esint	Extended set of integrals for Computer Modern	Saudrais	423
esk	Package to encapsulate Sketch files in L <sup>A</sup> T <sub>E</sub> X sources	Kazimiers	277
eskd	Modern Russian typesetting	Fyodorov	221
eskdxd	Modern Russian typesetting	Korikov	297
eslides	An option for article style to make slides	Denk	191
eso-pic	Add picture commands (or backgrounds) to every page	Niepraschk	362
esperant	Style option for writing Esperanto texts	Knappen	288
espo	Customisation for Esperanto	Unknown	501
esrelation	Provides a symbol set for describing relations between ordered pairs	Reinfurt	403
esstix	PostScript versions of the ESSTIX, with macro support	Sharpe	440
estcpmm	Style for Munitions Management Project Reports	Veytsman	513
esvect	Vector arrows	Saudrais	423
et	TeX-compatible editor	Collins	182
etaremun	Reverse-counting enumerate environment	Adriaens	127
ETbb	An expansion of Edward Tufte's ET-Bembo family	Sharpe	440
etdipa	Simple, lightweight template for scientific documents	Laube	308
etex-pkg	E-TeX support package	Carlisle, Breitenlohner, L <sup>A</sup> T <sub>E</sub> X Team	171
e-TeX	An extended version of T <sub>E</sub> X, from the NTS project	Breitenlohner, T <sub>E</sub> XLive	160
etexcmds	Avoid name clashes with e-TeX commands	Oberdiek	368
etextools	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X users and package writers	Chervet	177
ethiop-t1	Type 1 versions of Amharic fonts	Rosenau	415
ethiop	L <sup>A</sup> T <sub>E</sub> X macros and fonts for typesetting Amharic	Beyene, Kudlec, Kummer, Metzinger	151
ethtex	Fonts and L <sup>A</sup> T <sub>E</sub> X support for typesetting Amharic	Alamnehe	129
etl	Expandable token list operations	Spratte	453
etoc	Completely customisable TOCs	Burnol	165
etoolbox-de	German translation of documentation of etoolbox	Enderling	204
etoolbox	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X	Lehman, Wright	312
etruscan	Fonts for the Etruscan script	Wilson	534
etsvthor	Some useful abbreviations for members of e.t.s.v. Thor	Debets	189
euclideangeometry	Draw geometrical constructions	Beccari	144
EUenc	Unicode font encoding definitions for XeTeX	Robertson, Roux, Hosny	409
euflag	A command to reproduce the flag of the European Union	Flynn	216
eukdate	UK format dates, with weekday	Moschou	350
eukleides	A geometry drawing system	Obrecht	373

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
euler-math	OpenType version of Hermann Zapf's Euler maths font	Flipo	214
euler	Use AMS Euler fonts for math	Jensen	270
eulerpx	A modern interface for the Euler math fonts	Ouassou, Tijssen	377
eulervm	Euler virtual math fonts	Schmidt, Harcombe	429
euproposal	A class for preparing FP7 proposals	Kohlhase	294
euro-ce	Euro and CE sign font	de Wijn	532
euro	Provide Euro values for national currency amounts	Franz	218
eurofont	Provides a command that prints a euro symbol	McDonnell	339
euroitc	L <sup>A</sup> T <sub>E</sub> X interface for the ITC euro font symbols	Schlicht	427
europasscv	Unofficial class for the new version of the Europass curriculum vitae	Mazzamuto	338
EuropeCV	Unofficial class for European curricula vitae	Vitacolonna, Silano	517
europs	Access to Adobe's Euro currency symbol fonts	Clausen	181
eurosans	Interface to Adobe's sans-serif Euro font	Schmidt, Harcombe	429
eurosym	Metafont and macros for Euro sign	Theiling	489
eurotex	Multilingual macros for Plain T <sub>E</sub> X	Aavatsmark	127
euxunicode	Generate Unicode characters from accented glyphs	Robertson	407
Evangelion-JFM	A Japanese font metric supporting many advanced features	Huang	262
evautofl	Pages with cut lines and punch marks	Vicentini	515
evenpage	Ensure that the total number of pages is even	Bosisio	156
everyhook	Hooks for standard T <sub>E</sub> X token lists	Checkoway	175
everypage	Provide hooks to be run on every page of a document	Callegari	167
everysel	Provides hooks into \selectfont	Schröder, Peischl	433
everyshi	Take action at every \shipout	Schröder, Peischl	433
evweek	Weekly calendar	Vicentini	515
exam-lite	Quicker preparation of exams in L <sup>A</sup> T <sub>E</sub> X	Kukovec	303
exam-n	Exam class, focused on collaborative authoring	Gray	235
exam-randomizec...	Randomize mc choices using the exam class	op den Brouw	161
exam-zh	L <sup>A</sup> T <sub>E</sub> X template for Chinese exams	Guo, Xia	240
exam	Package for typesetting exam scripts	Hirschhorn	255
exam209	Process exam questions and answers (L <sup>A</sup> T <sub>E</sub> X 2.09)	Greenwade	236
Exam design	L <sup>A</sup> T <sub>E</sub> X class for typesetting exams	Alexander	129
example	Typeset examples for T <sub>E</sub> X courses	Schrod	433
examplep	Verbatim phrases and listings in L <sup>A</sup> T <sub>E</sub> X	Szabó	468
exams	Typeset exam questions	van der Meer	341
examz	Randomized exams with multiple versions	McClain	338
excalibur	Macintosh spell checker	Zacone	546
Excel2LaTeX	Convert Excel spreadsheets to L <sup>A</sup> T <sub>E</sub> X tables	Marder, Müller, Pearson, Hawryluk, Hughes, Kokan	333
Exceltex	Get data from Excel files into L <sup>A</sup> T <sub>E</sub> X	Doerr	193
excludeonly	Prevent files being \include-ed	Luecking, Arseneau	327
exercise	Typeset exercises, problems, etc. and their answers	Pichaureau	387
exercisebank	Creating and managing exercises, and reusing them as composed sets	Storvik Strauman	462
exercisepoints	A L <sup>A</sup> T <sub>E</sub> X package to count exercises and points	Kerstan	278
exercises	Typeset exercises and solutions with automatic addition of points	Jud	273
exerquiz	Environments for defining exercises and quizzes	Story	460
exesheet	Typesetting exercise or exam sheets	Missier	346
exframe	Framework for exercise problems	Beisert	147
exp-testopt	Expandable \@testopt (and related) macros	Ebermann	199
expdlist	Expanded description environments	Hülse, Kaspar	262
expex-acro	Wrapper for the expex package	Matter	336
expex	Linguistic examples and glosses, with reference capabilities	Frampton	217
expkv-bundle	An expandable key=val implementation and friends	Spratte	453
expkv-cs	Define expandable key=val macros using expkv	Spratte	453
expkv-def	A key-defining frontend for expkv	Spratte	453
expkv-opt	Parse class and package options with expkv	Spratte	453

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
expkv	An expandable key=val implementation	Spratte	453
expl3	Wrapper package for experimental L <sup>A</sup> T <sub>E</sub> X3	L <sup>A</sup> T <sub>E</sub> X Team	485
export	Import and export values of L <sup>A</sup> T <sub>E</sub> X registers	Drucbert	196
expose-expl3-du...	Using expl3 to implement some numerical algorithms	Henel	252
expressg	Diagrams consisting of boxes, lines, and annotations	Wilson	534
exscale	Implements scaling of the 'cmex' fonts	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	347
exsheets	Create exercise sheets and exams	Niederberger	361
exsol	Exercises and solutions from the same source, into a book	Daems	186
extrarrows	Extra Arrows beyond those provided in amsmath	Huynh	263
extdash	A range of dash commands for compound words	Rozhenko	419
exteps	Include EPS figures in MetaPost	Jørgensen	272
extpfeil	Extensible arrows in mathematics	Ebermann	199
extract	Extract parts of a document and write to another document	Adriaens	127
extractpdfmark	Extract page mode and named destinations as PDFmark from PDF	Hosoda	260
extradefs	A miscellany of support macros	McPherson	340
extsizes	Extend the standard classes' size options	Kilfiger, May	282
<b>FFFF</b>			
fac	Macros for FAC journal	Woollatt, Reed, Notarmarco	538
facsimile	Document class for preparing faxes	Bronger	161
factura	Typeset and calculate invoices according to Venezuelan law	Lazo Zaia	546
facture-belge-s...	Simple Belgian invoice without VAT	Seville	437
facture	Generate an invoice	Rouquette, Gombin, Deparis	418
fahyph	Hyphenation patterns for Persian (in Unicode)	Khalighi, bidi-tex GitHub Organisation	279
fakebold	A simple macro for faking bold fonts	Unknown	501
faktor	Typeset quotient structures with L <sup>A</sup> T <sub>E</sub> X	Ebermann	199
faltblat	Making Leaflets	Klöckl	288
familytree	Draw family trees	Senju	438
famt	Project Reports and Notices in FAMT institute	Chavan, Desai, Kalyani, Mahadik	175
fancybox	Variants of \fbox and other games with boxes	Van Zandt	547
fancy chapters	Chapters with quotations	Heitkoetter	249
fancyfolien	Fancyhdr outline for German readers	Steffani	456
fancyhandout	A L <sup>A</sup> T <sub>E</sub> X class for producing nice-looking handouts	Friedl	219
fancyhdr-it	Italian translation of fancyhdr documentation	Agostini, Rigido	128
fancyhdr	Extensive control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X2e	van Oostrum	376
fancyhdrboxed	Elaborate page headers, specified in a non-L <sup>A</sup> T <sub>E</sub> X language	Algaba	130
fancyheadings	Legacy headings package	van Oostrum	376
fancylabel	Complex labelling with L <sup>A</sup> T <sub>E</sub> X	Siegel	445
fancynum	Typeset numbers	Green	235
fancypar	Decoration of individual paragraphs	Medina Arellano	132
fancyqr	Fancy QR-Codes with TikZ	Sihler	446
fancyref	A L <sup>A</sup> T <sub>E</sub> X package for fancy cross-referencing	Reichert	403
fancyslides	Custom presentation class built upon L <sup>A</sup> T <sub>E</sub> X Beamer	Łupkowski	328
fancytabs	Fancy page border tabs	Pinson	390
fancytooltips	Include a wide range of material in PDF tooltips	Mařík	333
fancyvrb	Sophisticated verbatim text	Van Zandt, Voß, Girou, Rahtz, Mansfield	548
fandol	Four basic fonts for Chinese typesetting	Ma	330
faq-de	The DANTE T <sub>E</sub> X Users Group Frequently Asked Questions	Raichle, Niepraschk, Hafner	399
faq-es	CervanTeX (Spanish T <sub>E</sub> X Group) FAQ	Martín	334
faq-fr	French FAQ of the GUTenberg T <sub>E</sub> X user group	Kluth, Just, Tanguy	288
fascicules	Create mathematical manuals for schools	Moritz	350
fast-diagram	Easy generation of FAST diagrams	Allais	130

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fastpictex	Simple specification of PicTeX diagrams	Stauss	456
fax	Document class for preparing faxes	Rhebergen, de Jonge	405
fbb	A free Bembo-like font	Sharpe	440
fbthesis	Computer Science thesis class for University of Dortmund	Dierker	192
fbox	Extended \fbox macro from standard L <sup>A</sup> T <sub>E</sub> X	Voß	519
fbs	BibTeX style for Frontiers in Bioscience	Suckale	463
fc-arith	Create an arithmetic flash card	Story	460
fc	Fonts for African languages	Knappen	288
fcavtex	A thesis class for the FCAV/UNESP (Brazil)	Maldonado Jr	273
fchart	Flow diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Schollmeyer	432
fcltxdoc	Macros for use in the author's documentation	Chervet	177
fcolum	Typesetting financial tables	Olthof	375
fdsymbol	A maths symbol font	Ummels	497
fduthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Fudan University	Zeng	548
featpost	MetaPost macros for 3D	Gonçalves	229
fei	Class for academic works at FEI University Center – Brazil	De Rizzo Meneghetti	342
FenetreCas	Commands for CAS-like windows (Xcas or Geogebra) in TikZ	Pierquet	388
fenixpar	One-shot changes to token registers such as \everypar	Música de Rivera	406
fepslatex	French version of "graphics in L <sup>A</sup> T <sub>E</sub> X"	Drucbert	196
fetamont	Extended version of Knuth's logo typeface	Romer	414
fetchbibpes	Creates a DB of Bible verses from e-Sword, then fetches them on command	Story	460
fetchcls	Fetch the current class name	Giannotti	225
feupphdtheses	Typeset Engineering PhD theses at the University of Porto	Espinoza	205
fewerfloatpages	Reduce the number of unnecessary float pages	Mittelbach	346
feyn	A font for in-text Feynman diagrams	Gray	235
feynman	Feynman diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Levine	314
feynmf	Macros and fonts for creating Feynman (and other) diagrams	Ohl	374
feynmp-auto	Automatic processing of feynmp graphics	Gregorio	236
ffcode	Fixed-font code blocks formatted nicely	Bugayenko	164
ffslides	Freeform slides based on the article class	Wolters	537
fge	A font for Frege's Grundgesetze der Arithmetik	Green	235
fgruler	Draw rulers on the foreground or in the text	Tómacs	492
fi2t1	Tools for installing Type 1 fonts in MiKTeX	Kapune	275
fibeamer	Beamer theme for thesis defense presentations at Masaryk University (Brno, Czech Republic)	Novotný	365
fibnum	Generate Fibonacci numbers	Oberdiek	368
fifinddo-info	German HTML beamer presentation on nicetext and morehype	Lück	324
fifinddo	Filtering files using T <sub>E</sub> X	Lück	324
fifo-stack	FIFO and stack implementation for package writers	Gaito	222
fig2eng	Convert fig files to English	Tobin	491
fig2lat	Convert .fig files to vector graphics	Krause	299
fig2mf	Convert fig output to Metafont	Starks	455
fig2mfpic	Convert fig output to mfpic	Tobin	491
fig2sty	Use fig as layout designer for L <sup>A</sup> T <sub>E</sub> X	Rohner	413
fig2vect	Yet another Fig to vector converter	Krause	299
fig4latex	Management of figures for large L <sup>A</sup> T <sub>E</sub> X documents	Fields	211
figbas	Mini-fonts for figured-bass notation in music	Tennent	478
FigBib	Organize figure databases with BibTeX	Poland	392
figcaps	Collect figure captions for later printing	Daly	187
figchild	Pictures for creating children's activities	de Souza Bastos	451
figflow	Flow text around a figure	Hutchinson	263
figfrag	Convert xfig figures with embedded L <sup>A</sup> T <sub>E</sub> X commands to EPS	Ditzel	193
figplace	Floating figures in Plain T <sub>E</sub> X	Zalmstra	547
figput	Create interactive figures in L <sup>A</sup> T <sub>E</sub> X	Fairman	207

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
figsinltx	A tutorial on figures in L <sup>A</sup> T <sub>E</sub> X 2.09	Goel	228
FigSize	Auto-size graphics	Tanbakuchi	474
fihyph	Hyphenation patterns for Finnish language	Hellgren	250
filecontents	Create an external file from within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	379
filecontentsdef	filecontents + macro + verbatim	Burnol	165
filedate	Access and compare info and modification dates	Lück	324
fileerr	LaTeX's mechanisms for dealing with file errors	Mittelbach	346
filehdr	Self-descriptions in file headers	Beebe	146
filehook	Hooks for input files	Scharrer	425
fileinfo	Enhanced display of L <sup>A</sup> T <sub>E</sub> X File Information	Lück	324
filemod	Provide file modification times, and compare them	Scharrer	425
fillform	Typeset answers to overprint on printed forms	Wagner	525
findbib	Find bibliographic details from SPIRES	Nesti, Goldstein	358
findhyph	Find hyphenated words in a document	Budaj	163
FiNK	The L <sup>A</sup> T <sub>E</sub> X2e File Name Keeper	Verna	511
Finomaton	Comfortably draw and typeset finite state machines	Triska	494
finplain	A Finnish version of plain.bst	Kaijanaho	274
finstrut	Adjust behaviour of the ends of footnotes	Lück	324
fira	Fira fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
firamath-otf	Use OpenType math font Fira Math	Voß	519
framath	Fira sans serif font with Unicode math support	Zeng	548
firefox-ctan-pl...	Firefox search proformas for CTAN	Engler	204
first-latex-doc	A document for absolute L <sup>A</sup> T <sub>E</sub> X beginners	Hefferon, Pégourié-Gonnard, Berry	248
first-packages	A short list of go-to L <sup>A</sup> T <sub>E</sub> X packages, aimed at a beginner	Hefferon	248
firstline	Print the first line of a paragraph in a different font	Fox	217
firststeps-xampl	Examples from "First steps in L <sup>A</sup> T <sub>E</sub> X"	Grätzer	234
fistrum	Access to 150 paragraphs of Lorem Fistrum very dummy text	Davó	189
fitbox	Fit graphics on a page	Veytsman	513
fithesis	Thesis class and template for Masaryk University (Brno, Czech Republic)	Novotný	365
FitR	Set a rectangular destination and jump to it	Story	460
fix-cm	Permit Computer Modern fonts at arbitrary sizes	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	430
fix2col	Fix miscellaneous two column mode features	Carlisle	169
fixbbl	Patch bibliographies inappropriately broken by BibTeX	Stajano	454
fixcmex	Fully scalable version of Computer Modern Math Extension font	Gregorio	236
fixdif	Macros for typesetting differential operators	Zhang	549
fixfoot	Multiple use of the same footnote text	Fairbairns, Carlisle	206
fixjfm	Fix JFM (for *pTeX)	Zhang	549
fixlatvian	Improve Latvian language support in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Vihrov	516
fixltx2e	Patches for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	485
fixltxhyph	Allow hyphenation of partially-emphasised substrings	Beccari	144
fixmath	Make maths comply with ISO 31-0:1992 to ISO 31-13:1992	Schmidt, Harcombe	429
FixMe	Collaborative annotation tool for L <sup>A</sup> T <sub>E</sub> X	Verna	511
fixmetodonotes	Add notes on document development	Barabucci	139
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	232
fixpdfmag	Fix magnification in pdfTeX	Bezos López	319
fiziko	A MetaPost library for physics textbook illustrations	Slyusarev	448
fjodor	A selection of layout styles	Filipović	211
flabels	Labels for files and folders	Börchers	155
flacards	Generate flashcards for printing	Stuhrmann	462
flagderiv	Flag style derivation package	van Tilburg	490
flags	Setting and clearing of flags in bit fields	Oberdiek	368
flashcard	Typeset flash cards	Kilfiger	282
flashcards	A class for typesetting flashcards	Budge, Vernon	163



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
flashmovie	Directly embed flash movies into PDF files	Hartmann	247
flatex	Flatten <code>\input</code> , etc., in a $\text{\LaTeX}$ file	Har-Peled	244
flatten	Flatten <code>\input</code> , etc., in a $\text{\LaTeX}$ file	Wilson	534
fldigal	Create a Flash slide show of digital photos	Story	460
flexipage	Flexible page geometry with marginalia	Vrba	524
flexisym	Symbol manipulation for breqn	Høgholm, Madsen, Robertson, Wright, Downes	258
flipbook	Typeset flipbook animations, in the corners of documents	Buffet	163
flippdf	Horizontal flipping of pages with pdfLaTeX	Callegari	168
float	Improved interface for floating objects	Lingnau	317
floatfig	Deprecated: Allows text to be wrapped around figures	Kneser	290
floatflt	Wrap text around floats	Dahlgren	187
floatnohead	Suppress page headings on float-only pages	Rahtz, Hosek	398
floatpag	Different pagestyles on float pages	Statulevičius	456
floatrow	Modifying the layout of floats	Lapko	308
flow	Draw flow diagrams in picture mode	Brown	162
flowchart	Shapes for drawing flowcharts, using TikZ	Robson	411
flowfram	Create text frames for posters, brochures or magazines	Talbot	471
FlowframTk	Vector graphics application with support for flowfram.sty	Talbot	471
fltpage	Place caption on an adjacent page	Gross	238
fltpoint	Simple floating point arithmetic	Guthöhrlein	240
flushend	Balancing columns at last page	Tolušis	492
fmp	Include Functional MetaPost in $\text{\LaTeX}$	Kuhlmann	301
fmtcount	Display the value of a $\text{\LaTeX}$ counter in a variety of formats	Talbot, Belaïche	473
fn2end	Convert footnotes to endnotes	Border	155
fnbreak	Warn for split footnotes	Harders	245
fnycchap	Seven predefined chapter heading styles	Lindgren	316
fnclab	Alter the format of <code>\label</code> references	Fairbairns, Carlisle	206
fnlineno	Number the lines of footnotes	Lück, Wette	326
fnote	Auto-numbered footnotes in Plain $\text{\TeX}$	Unknown	501
fnpara-pln	Footnotes in paragraphs	Wujastyk	540
fnpara	Footnotes in paragraphs	Rowley, Wujastyk, Smith	419
fnpct	Manage footnote marks' interaction with punctuation	Niederberger	361
fnpos	Control the position of footnotes on the page	Nakashima	357
fnspe	Macros for supporting mainly students of FNSPE CTU in Prague	Zeman	548
fontguide	Documentation of $\text{\LaTeX}$ font commands	$\text{\LaTeX}$ Team	485
fontproof	A programmable font test pattern generator	Luecking	326
fnumprint	Print a number in 'appropriate' format	Schneider	431
foekfont	The title font of the Mads Føk magazine	Jørgensen	272
foilhtml	Interface between foiltex and $\text{\LaTeX}$ 2HTML	Veytsman	513
foiltex	A $\text{\LaTeX}$ 2e class for overhead transparencies	Hafner	241
foliono	Use folio numbers to replace page numbers	Syrjänen	465
fonetika	Support for the Danish "Dania" phonetic system	Jørgensen	272
font-change-xetex	Macros to change text and mathematics fonts in plain XeTeX	Dhawan	192
font-change	Macros to change text and mathematics fonts in plain $\text{\TeX}$	Dhawan	192
font_selection	Font selection for plain $\text{\TeX}$	de Wijn	532
fontawesome	Font containing web-related icons	Danaux, Gandy	188
fontawesome5	Font Awesome 5 with $\text{\LaTeX}$ support	Krüger	300
fontaxes	Additional font axes for $\text{\LaTeX}$	Bühmann, Ummels	164
fontbl	A font sampler	Beeman, MacKay	146
fontbook	Generate a font book	Pinson	391
fontch	Changing fonts, sizes and encodings in Plain $\text{\TeX}$	Medina	341
fontchart	A font sampler	Lemberg	313
fontinf	An introduction to font usage in $\text{\LaTeX}$ (German)	Bezoz López, Ruedas	322
fontenc	Standard package for selecting font encodings	$\text{\LaTeX}$ Team	485

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	250
fontinstallatio...	Font installation guide	Lehman	311
fontload	A partial font downloading utility	Malyshev	333
fontloader-lua...	Alternative fontloaders for luaotfload	Fischer	214
fontmfizz	Font Mfizz icons for use in L <sup>A</sup> T <sub>E</sub> X	Dungs	198
fontname	Scheme for naming fonts in T <sub>E</sub> X	Berry	149
fontools	Tools to simplify using fonts (especially TT/OTF ones)	Penninga	386
fonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	276
fonts-churchsla...	Fonts for typesetting in Church Slavonic language	Kroutikov, Andreev	300
fonts-tlwg	Thai fonts for L <sup>A</sup> T <sub>E</sub> X from TLWG	Karoonboonyanan	276
fontsampl	Samples of fonts that come with T <sub>E</sub> X Live	Flynn	216
fontsetup-nonfree	A front-end to fontspec, for selected non-free fonts	Tsolomitis	494
fontsetup	A front-end to fontspec, for selected fonts with math support	Tsolomitis	494
fontsize	A small package to set arbitrary sizes for the main font of the document	Valbusa	508
fontsmpl	Print a sample of a font	Jeffrey	269
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	409
fonttable	Print font tables from a L <sup>A</sup> T <sub>E</sub> X document	Robertson, Wilson	410
fontwrap	Bind fonts to specific unicode blocks	Karmersmans	275
footbib	Bibliographic references as footnotes	Domenjoud	193
footmisc	A range of footnote options	Fairbairns, Mittelbach	207
footmiscx	A range of footnote options	Roucariès	416
footnote	Improve on L <sup>A</sup> T <sub>E</sub> X's footnote handling	Wooding	538
footnotebackref	Back-references from footnotes	Lange	307
footnotehyper	hyperref aware footnote.sty	Burnol	165
footnoterange	References to ranges of footnotes	Münch	352
footnpag	Per-page numbering of footnotes	Schrod	433
forarray	Using array structures in L <sup>A</sup> T <sub>E</sub> X	Schröppel	434
foreign	Systematic treatment of 'foreign' words in documents	Ratcliffe	400
forest-quickstart	Quickstart Guide for Linguists package "forest"	Vanden Wyngaerd	540
forest	Drawing (linguistic) trees	Živanović	551
forindex	Manipulate \index commands in a L <sup>A</sup> T <sub>E</sub> X file	Milanesi	344
forloop	Iteration in L <sup>A</sup> T <sub>E</sub> X	Setzer	439
formal-grammar	Typeset formal grammars	Vassor	509
format	Format a counter as a fixed-point number	Karney	275
formation-latex-ul	Introductory L <sup>A</sup> T <sub>E</sub> X course in French	Goulet	232
formlett	Letters to multiple recipients	Jiang	270
forms16be	Initialize form properties using big-endian encoding	Story	460
formula	Typesetting physical units	Tille	490
formular	Create forms containing field for manual entry	Wirth	536
fortran	Print Fortran programs	Toby	492
forum	Forum fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
fotex	Process XSL-FO	Rahtz	398
fouridx	Left sub- and superscripts in maths mode	Karmann	276
fourier	Using Utopia fonts in L <sup>A</sup> T <sub>E</sub> X documents	Bovani	158
FourierNC	Use New Century Schoolbook text with Fourier maths fonts	Zedler, Sharpe	548
fourproject	Analyse and display the structure of a T <sub>E</sub> X document	Frambach	217
fourspell	Windows32 spell checker for T <sub>E</sub> X, RTF, HTML, and BibTeX	Frambach	217
fp	Fixed point arithmetic	Mehlich	341
fpl	SC and OsF fonts for URW Palladio L	Stubner	462
fpTeX	A web2C-based T <sub>E</sub> X system for MS-Windows32	Popineau	393
fragmaster	Using psfrag with pdfLaTeX	Domingo, Vogel	194
fragments	Fragments of L <sup>A</sup> T <sub>E</sub> X code	Carlisle	169
frame	Framed boxes for Plain T <sub>E</sub> X	Van Zandt, Voß	547

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
framed	Framed or shaded regions that can break across pages	Arseneau	133
francais-bst	Bibliographies conforming to French typographic standards	Goulet	232
frankenbundle	Develop and distribute L <sup>A</sup> T <sub>E</sub> X packages and classes and BibTeX styles	Swift	464
frankenstein-un...	Unsupported packages from the Frankenstein bundle	Swift	464
frankenstein	A collection of L <sup>A</sup> T <sub>E</sub> X packages	Swift	464
frcursive	French cursive hand fonts	Beffara	147
frederika2016	An OpenType Greek calligraphy font	Syropoulos	466
free-math-font-...	The survey of available free Mathematics fonts, translated to Vietnamese	Hòa	255
free-math-font-...	A survey of available free Mathematics fonts	Hartke	247
freetype	A full-featured font rasterizer library	Lemberg	313
frege	Typeset fregean Begriffsschrift	Pamp	381
french-translat...	French translation project	Bayart	142
frenchle	French macros, usable stand-alone or with Babel	Gaulle, Juillerat	223
frenchmath	Typesetting mathematics according to French rules	Missier	346
frenchponct	Implement French-style spacing at punctuation	Roy	419
frenchpro	Professional typesetting of French documents	Gaulle	223
frenchquote	Make something like guillemets	Unknown	501
frhyph	French hyphenation patterns	Flipo	214
FriBidiXeTeX	A pre-processor for XeTeX files to support unicode bidirectional algorithm	Khalighi, bidi-tex GitHub Organisation	279
fribrief	Two L <sup>A</sup> T <sub>E</sub> X classes for writing letters in German	Fries	220
frimurer	Access to the 'frimurer' cipher for use with L <sup>A</sup> T <sub>E</sub> X	Jørgensen	272
frletter	Typeset letters in the French style	Andronic	131
frontespizio	Create a frontispiece for Italian theses	Gregorio	236
froufrou	Fancy section separators	Lago	305
frpseudocode	French translation for the algorithmicx package	Irwin	264
ftc-notebook	Typeset FIRST Tech Challenge (FTC) notebooks	Team Robocracy	476
ftcap	Allows \caption at the beginning of a table-environment	Steffani	456
ftetx	TeX support in FTE text editor	Zydowitz	552
ftn	L <sup>A</sup> T <sub>E</sub> X footnotes anywhere	Thorup	490
ftnright	Footnotes in two column documents in one column only	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	348
ftnextra	Extend the applicability of the \footnote command	Khalighi, bidi-tex GitHub Organisation	280
fullblk	Left-blocking for letter class	Cloos Jr.	273
fullminipage	Minipage spanning a complete page	Schneider	431
fullpage	Set all page margins to 1.5cm	Daly	187
fullpict	Full page pictures	Shawyer	442
fullwidth	Adjust margins of text block	Daniel	188
functan	Macros for functional analysis and PDE theory	Lejay	313
functional	Provide an intuitive functional programming interface for L <sup>A</sup> T <sub>E</sub> X2	Lyu	329
fundus-calligra	Support for the calligra font in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	358
fundus-cyr	Support for Washington University Cyrillic fonts	Neugebauer	358
fundus-la	Support for the la and lla fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	358
fundus-outline	L <sup>A</sup> T <sub>E</sub> X support for CM outline fonts	Neugebauer	359
fundus-pvscript	Support for Vanroose handwriting font	Neugebauer	359
fundus-startrek	'Startrek' fonts, and macros to support them	Neugebauer	359
fundus-sueterlin	Sütterlin	Neugebauer	359
fundus-twcal	L <sup>A</sup> T <sub>E</sub> X support for the twcal handwriting font	Neugebauer	359
fundus-va	Support for the va fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	359
fundus	Providing L <sup>A</sup> T <sub>E</sub> X access to various font families	Neugebauer	358
funnelweb	A flexible, language-independent web system	Coates	181
futhark	Fonts for the Older Futhark script	deyAvemta	192
futhorc	Anglo-Friesic futhorc alphabet font	Pantke	382

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	513
fvextra	Extensions and patches for fancyvrb	Poore	392
fweb	A literate programming tool working with L <sup>A</sup> T <sub>E</sub> X	Krommes	299
fwlw	Get first and last words of a page	Arseneau	133
<b>GGGGG</b>			
g-brief	Letter document class	Lenzen	314
gaceta	A class to typeset La Gaceta de la RSME	Varona	509
gahyph	Hyphenation patterns for the Irish language	Scannell	424
galois	Typeset Galois connections	Cousot	185
gamebook	Typeset gamebooks and other interactive novels	Miede	343
Gamebooklib	Macros for setting numbered entries in shuffled order	Lee	310
gammass	Template for the GAMM Archive for Students	GAMM Juniors, Kern, Bartelt, Unger, Hansen-Doerr	222
gandhi	Gandhi Serif and Sans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
gapfill	Generate L <sup>A</sup> T <sub>E</sub> X picture environments from PostScript output of drawing programs	Möller	348
garamond-libre	The Garamond Libre font face	Miller, Tennent	345
garamond-math	An OTF math font matching EB Garamond	Zhao, Zeng	549
garamondx	‘Expert’-like extensions to URW Garamond, and maths italic	Sharpe	440
garrigues	MetaPost macros for the reproduction of Garrigues’ Easter nomogram	Roegel	412
GasTeX	Graphs and Automata Simplified in T <sub>E</sub> X	Gastin	223
gatech-thesis	Georgia Institute of Technology thesis class	Keller, Wilson	277
gates	Support for writing modular and customisable code	Isambert, Robbers	265
gatherenum	A crossover of align* and enumerate	Rivaud	406
gauss	A package for Gaussian operations	Kauers	277
gb4e	Linguistic tools	Kolb, Thiersch, Dimitriadis	296
gbrief-creator	A front end for the gbrieff package	Schinke	427
gbt7714	BibTeX implementation of China’s bibliography style standard GB/T 7714-2015	Lee	311
gcard	Arrange text on a sheet to fold into a greeting card	McBane	338
gchords	Typeset guitar chords	Peeters	385
gcite	Citations in a reader-friendly style	Atkinson, Phillips	136
gckanbun	Kanbun typesetting for (u)pL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Yamamoto	541
gelasio	L <sup>A</sup> T <sub>E</sub> X support for the Gelasio family of fonts	Tennent	478
GELLMU	LaTeX-like markup for writing XML documents	Hammond	243
gen	Genealogy symbols	Knuth	291
gender	Gender neutrality for languages with grammatical gender	Banhardt	139
gene-logic	Typeset logic formulae, etc	Neugebauer	359
genealogy	A compilation genealogy font	Roegel	412
genealogytree	Pedigree and genealogical tree diagrams	Sturm	463
genfam	Run Metafont to produce the bitmap fonts	Schrod	433
genindex	Alternative index series	Smith	448
genmpage	Generalization of L <sup>A</sup> T <sub>E</sub> X’s minipages	Lotze	323
gensymb	Generic symbols for both text and math mode	Schmidt, Harcombe	429
gentabtex	Python helper for creating tables	Algaba	130
gentium-original	Gentium font and support files	Schmitz, Miklavec	431
gentium-tug	Gentium fonts (in two formats) and support files	Berry, Miklavec, Farar, Schmitz	150
gentl-gr	Modern Greek translation of the Gentle Introduction to T <sub>E</sub> X	Filippou	212
gentle	A Gentle Introduction to T <sub>E</sub> X	Doob	194
gentombow	Generate Japanese-style crop marks	Yamashita	542
geometry-de	German documentation for the geometry package	Umeki	497
geometry	Flexible and complete interface to document dimensions	Umeki, Carlisle	497

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
geomsty	Macros used in typesetting a geometry book	Levy	314
geophysics	Articles for the journal Geophysics	Gildea	226
georgian-stanier	A Georgian font	Stanier	455
georgian	Support for typesetting in Georgian	Shoshiashvili	444
geradwp	Document class for the Cahiers du GERAD series	Hamel	243
german	Support for German typography	Raichle	399
germbib	German variants of standard BibTeX styles	Harders	245
germdoc	A collection of documentation available in German	Unknown	501
germkorr	Change kerning for German quotation marks	Baumann	142
geschichtsfkr1	BibLaTeX style for historians	Zachhuber	546
getargs	A flexible list-parsing macro with configurable parsing character	Segletes	437
getfiledate	Find the date of last modification of a file	Musa	355
getitems	Gathering items from a list-like environment	Hendrickson	251
getmap	Download OpenStreetMap maps for use in documents	Kleber	285
getoptk	Define macros with sophisticated options	Le Barbier Grünewald	238
getrefs	BibTeX style to sort by "journal" entries of references	Deutscher	192
getttitlestring	Clean up title references	Oberdiek	368
gfdl	Support for using GFDL in LaTeX	Unknown	501
gfnotation	Typeset Gottlob Frege's notation in plain TeX	Wermuth	530
GFS	The GFS font collection	Tsolomitis, Matthiopoulos, The Greek Font Society	495
GFS Artemisia	A modern Greek font design	Tsolomitis, Matthiopoulos, The Greek Font Society	495
GFS Baskerville	A Greek font, from one such by Baskerville	Tsolomitis, The Greek Font Society	495
GFS Bodoni	A Greek and Latin font based on Bodoni	Tsolomitis, The Greek Font Society	495
GFS Complutum	A Greek font with a long history	Tsolomitis, Matthiopoulos	495
GFSDidot	A Greek font based on Didot's work	Tsolomitis, Aubord, Matthiopoulos, The Greek Font Society	495
GFSDidotClassic	The classic version of GFSDidot	Tsolomitis	494
GFS NeoHellenic	A font in the Neo-Hellenic style	Tsolomitis, The Greek Font Society	495
GFSNeoHellenicMath	A math font in the Neo-Hellenic style	Tsolomitis	494
GFS Porson	A Greek font, originally from Porson	Tsolomitis, The Greek Font Society	495
GFS Solomos	A Greek-alphabet font	Tsolomitis	494
ghab	Typeset ghab boxes in LaTeX	Khalighi, bidi-tex GitHub Organisation	280
ghostscript	Freely available PostScript interpreter	Deutsch	192
ghsystem	Globally harmonised system of chemical (etc) naming	Niederberger	361
gillcm	Alternative unslanted italic Computer Modern fonts	Veytsman	513
gillius	Gillius fonts with LaTeX support	Tennent	478
ginc1tex	Include TeX files as graphics (.tex support for \includegraphics)	Scharrer	425
gindex	Formatting indexes	Bezos López	319
ginpenc	Modification of inputenc for German	Harders	245
git-latexdiff	Call latexdiff on two Git revisions of a file	Moy	351
gitfile-info	Get git metadata for a specific file	Hilbig	254
gitinfo	Access metadata from the git distributed version control system	Longborough, LaTeX Team	318
gitinfo2	Access metadata from the git distributed version control system	Longborough, LaTeX Team	318
gitlog	Typesetting git changelogs	Longborough, LaTeX Team	318
gitstatus	Include Git information in the document as watermark or via variables	Gruber	238
gitver	Get the current git hash of a project and typeset it in the document	Baynham	143
gkpmac	The macros used in "Concrete Mathematics"	Knuth	291



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gl-tree	Linguistic trees with a preprocessor	Lee	310
GladTeX	L <sup>A</sup> T <sub>E</sub> X equations in HTML	Gulbrandsen, Humenda	239
gleitobjekte	Tutorial from a DANTE meeting in November 1997	Reichert	403
glhyph	Hyphenation patterns for Galician	Múgica de Rivera	406
globalvals	Declare global variables	Baynham	143
glonti	Virtual fonts for T2A-encoded fonts	Glonti	228
glosmathtools	Mathematical nomenclature tools based on the glossaries package	Gagnon	222
gloss-occitan	Polyglossia support for Occitan	Valmary	508
gloss	Create glossaries using BibTeX	de Arriba, Bezos López	133
glossaries-accsupp	Accessibility support for glossaries	Talbot	471
glossaries-danish	Danish language module for glossaries package	Talbot	471
glossaries-dutch	Dutch language module for glossaries package	Talbot	471
glossaries-english	English language module for glossaries package	Talbot	471
glossaries-esto...	Estonian language module for glossaries package	Kankainen	275
glossaries-extra	An extension to the glossaries package	Talbot	471
glossaries-finnish	Finnish language module for glossaries package	Välimäki	508
glossaries-french	French language module for glossaries package	Talbot, Bitouzé, Belaïche	473
glossaries-german	German language module for glossaries package	Talbot	471
glossaries-irish	Irish language module for glossaries package	Talbot	471
glossaries-italian	Italian language module for glossaries package	Talbot	471
glossaries-magyar	Magyar language module for glossaries package	Talbot	471
glossaries-norsk	Norsk Bokmål language module for the glossaries Package	Stendahl	457
glossaries-nynorsk	Nynorsk language module for the glossaries package	Haustrveit	248
glossaries-polish	Polish language module for glossaries package	Talbot	471
glossaries-port...	Portuges language module for glossaries package	Talbot	472
glossaries-serbian	Serbian language module for glossaries package	Talbot	472
glossaries-slovene	Slovene language module for glossaries package	Bačić	137
glossaries-spanish	Spanish language module for glossaries package	Talbot	472
glossaries-swedish	Swedish language module for glossaries package	Nyqvist	366
glossaries	Create glossaries and lists of acronyms	Talbot	471
glossary	Create a glossary	Talbot	472
glostex	Prepare glossaries in L <sup>A</sup> T <sub>E</sub> X	Yavuz	545
glotex	A glossary processor	Aurbach, Hantelmann, Iani-gro	137
gmdoc-enhance	Some enhancements to the gmdoc package	Ebermann	199
gmdoc	Documentation of L <sup>A</sup> T <sub>E</sub> X packages	Murzynowski	355
gmeometric	Change page size wherever it's safe	Murzynowski	355
gmiflink	Simplify usage of \hypertarget and \hyperlink	Murzynowski	355
gmp	Enable integration between MetaPost pictures and L <sup>A</sup> T <sub>E</sub> X	Gregorio	236
gmutils	Support macros for other packages	Murzynowski	355
gmverb	A variant of L <sup>A</sup> T <sub>E</sub> X \verb, verbatim and shortvrb	Murzynowski	355
gmverse	A package for typesetting (short) poems	Murzynowski	355
gnu-freefont	A Unicode font, with rather wide coverage	White	531
gnuplot	General purpose plotting program	Hecking, Williams, Kelley	248
gnuplottex	Embed Gnuplot commands in L <sup>A</sup> T <sub>E</sub> X documents	Kotthoff	298
go-make	A make variant for L <sup>A</sup> T <sub>E</sub> X documents	Musliner	356
go	Fonts and macros for typesetting go games	Kołodziejska	296
gobble	More gobble macros for PlainTeX and L <sup>A</sup> T <sub>E</sub> X	Scharrer	425
goblin	Tolkien's goblin alphabet	Stanier	455
gofonts	GoSans and GoMono fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
gost	BibTeX styles to format according to GOST	Polyakov, Kotelnikov	392
gothic	A collection of old German-style fonts	Haralambous, Schrell, Ludewig, Bronger, Taupin	244
gotoh	An implementation of the Gotoh sequence alignment algorithm	Asakura	136
gpdata	Cause MetaPost graph package to ignore '#'-comments	Vieth	515

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gplot	CGM-based graphics support	Andrews	131
grabbox	Read an argument into a box and execute the code afterwards	Spratte	453
gradback	Gradient backgrounds for dvips output	Pedersen	385
gradient-text	Decorate text with linear gradient colors	Du	197
gradientframe	Simple gradient frames around objects	Raue	401
grading-scheme	Typeset grading schemes in tabular format	Keßler	279
gradstudentresume	A generic template for graduate student resumes	Kumar	303
grafcet	Draw Grafcet/SFC with TikZ	Papanicola	382
grafik	EPS graphics under Windows	Dübendorfer	197
grant	Classes for formatting federal grant proposals	Karr	276
graph35	Draw keys and screen items of several Casio calculators	Paternault	384
GraphBase	A platform for combinatorial algorithms	Knuth	291
graphbox	Extend graphicx to improve placement of graphics	Beisert	147
GraphConv	Convert graph files to PSTricks	Chicoine	178
grapher	Create graphs, state machine and data flow diagrams	Algaba	130
graphfig	Simpler graphic, subfigure and float	Bosisio	156
graphicp	An enhanced version of graphics	Szabó	468
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	485
graphics-def	Colour and graphics option files	L <sup>A</sup> T <sub>E</sub> X Team, Wright	489
graphics-pln	LaTeX-style graphics for Plain T <sub>E</sub> X users	Carlisle	169
graphics	Standard L <sup>A</sup> T <sub>E</sub> X graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
graphicscache	Cache includegraphics calls	Schwarz	436
graphicx-psmin	Reduce size of PostScript files by not repeating images	Adriaens	127
graphicx	Enhanced support for graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
graphicxbox	Insert a graphical image as a background	Story	460
graphicxpsd	Adobe Photoshop Data format (PSD) support for graphicx package	Yamamoto	541
GraphicxSP	An extension of the graphicx package	Story	460
graphpap	For producing graph paper	Lamport, L <sup>A</sup> T <sub>E</sub> X Team	307
graphpaper	A L <sup>A</sup> T <sub>E</sub> X class to generate several types of graph papers	Biccari, Beccari	151
GraphTeX	Graphs theory and related diagrams in a T <sub>E</sub> X document	Pliam	391
graphviz	Write graphviz (dot+neato) inline in L <sup>A</sup> T <sub>E</sub> X documents	Rayside	401
gray	Fonts for gray-scales	Knuth	291
grayhints	Produce ‘gray hints’ to a variable text field	Story	460
grchyp	Hyphenation for classical Greek, under XeTeX	Codet	181
greek-fontenc	LICR macros and encoding definition files for Greek	Milde	344
greek-inputenc	Greek encoding support for inputenc	Syropoulos, Filippou, Milde	467
greek-makeindex	Makeindex working with Greek	Syropoulos	466
greek4cbc	A Greek font from 394BC	Wilson	534
greek6cbc	A Greek font from the sixth century BC	Wilson	534
greekctr	Represent counters by letters of the Greek alphabet	Knappen	288
greekdates	Provides ancient Greek day and month names, dates, etc	Tsolomitis	495
greekinfo3	Overview of systems, packages, and fonts for Greek T <sub>E</sub> X	Dimakos, Filippou	193
greektex-fd	L <sup>A</sup> T <sub>E</sub> X font definition files for GreekTeX	Brodnik	161
greektex	Fonts for typesetting Greek/English documents	Moschovakis, Sfyraakis	350
greektonoi	Facilitates writing/editing of multiaccented greek	Cornaros	184
greenpoint	The Green Point logo	Triska	494
gregoriotex	Engraving Gregorian Chant scores	Roux, So, Springuel	418
grfext	Manipulate the graphics package’s list of extensions	Oberdiek	368
grffile	Extended file name support for graphics (legacy package)	Oberdiek	368
grfguide	L <sup>A</sup> T <sub>E</sub> X standard graphics and color packages documentation	Carlisle	169
grfpaste	Include fragments of a dvi file	Carlisle	169
grid-system	Page organisation, modelled on CSS facilities	Bitzl	152
grid	Grid typesetting in L <sup>A</sup> T <sub>E</sub> X	River Valley Technologies	406
gridpapers	Graph paper backgrounds and color schemes	McNees, Stein	340
gridset	Grid, a.k.a. in-register, setting	Kohm	294

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gridslides	Free form slides with blocks placed on a grid	Mendler	342
grkfst	Install Greek Type 1 fonts	Kryukov	301
grnumalt	Ancient Greek (Athenian) numbers	Syropoulos	466
grtimes	Typeset Greek text with Times New Roman Greek	Syropoulos	466
grundgesetze	Typeset Frege's Grundgesetze der Arithmetik	Rossberg	416
grverb	Typesetting Greek verbatim	Syropoulos	466
GS1	Typeset EAN barcodes using $\TeX$ rules, only	Kohm	294
gsemthesis	Geneva School of Economics and Management PhD thesis format	Rousseaux	418
gsftopk	Convert "Ghostscript fonts" to PK files	Vojta	517
gsview	View PostScript under MS-Windows or OS/2	Lang	307
gtex-letter	A Gnome assistant to ease the writing of $\LaTeX$ letters	Folini	216
gtl	Manipulating generalized token lists	Le Floch	215
gtrcrd	Add chords to lyrics	Bresciani	160
gtrlib.largetrees	Library for genealogytree aiming at large trees	Grewé	237
gu	Typeset crystallographic group-subgroup-schemes	Lange	307
guarani	Guarani support	Bezós López	319
gudea	The Gudea font face with support for $\LaTeX$ and pdfLaTeX	Ebinger	200
guia-bibtex	Guia casi completa de BibTeX	López	322
guide-latex-fr	A french guide on $\LaTeX$ – for beginners or advanced users	Bouzigues	158
GuIT-corso	Introduzione al mondo di $\LaTeX$	Himmelmänn, Vavassori,	255
		Busdraghi	
guitar	Guitar chords and song texts	Väth	510
guitarchordschemes	Guitar Chord and Scale Tablatures	Niederberger	361
guitartabs	A class for drawing guitar tablatures easily	Babushkin	137
GuITbeamer	Beamer-based class for GuIT presentations	Vavassori	510
GuITlogo	Macros for typesetting the GuIT logo	Vicentini	515
gurmukhi-singh	Support for Gurmukhi in $\TeX$	Singh	447
gurmukhi	Support for Gurmukhi	Pandey	381
gurps	Typeset Generic Universal Role Playing System (GURPS) materials	Farley	209
GUtenberg	French $\TeX$ Users Group information	Just	274
gv-savepos	A patch to gv to save positions	Thành	481
gv	An X front end for Ghostscript	Marchesi	333
gzt	Bundle of classes for "La Gazette des Mathématiciens"	Bitouzé	152
<b>HHHHH</b>			
h2020proposal	$\LaTeX$ class and template for EU H2020 RIA proposal	Indiveri	264
ha-prosper	Patches and improvements for prosper	Adriaens	128
hackalloc	Make allocations local	Unknown	501
hackthefootline	Footline selection and configuration for $\LaTeX$ beamer's standard themes	Friedl	219
hacm	Font support for the Arka language	Miyatani	348
hagenberg-thesis	Collection of $\LaTeX$ classes, style files and example documents for academic manuscripts	Burger, Hochleitner	164
halftone	Knuth's halftone font and its uses	Clark, Knuth	180
halloweenmath	Scary and creepy math symbols with AMS- $\LaTeX$ integration	Mezzetti	342
hamnosys	A font for sign languages	Schulder, Hanke	434
handin	Light weight template for creating school submissions using $\LaTeX$	Storvik Strueman	462
handout	Create handout for auditors of a talk	Rouquette	417
handoutWithNotes	Create Handouts with notes from your $\LaTeX$ beamer presentation	Diepen, Peischl	192
hands	Pointing hand font	Tobin, Powroz	491
hang	Environments for hanging paragraphs and list items	Nolda	364
hangcaption	Hanging layout for captions	Jones	271
hanging	Hanging paragraphs	Robertson, Wilson	410
hanoi	Tower of Hanoi in $\TeX$	Blackmore	152
hanzibox	Boxed Chinese characters with Pinyin above and translation below	Geng	224
happy4th	A firework display in obfuscated $\TeX$	Blackmore	152

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
har2nat	Replace the harvard package with natbib	Straathof	462
haranoaji-extra	Harano Aji Fonts	Hosoda	261
haranoaji	Harano Aji Fonts	Hosoda	261
hardwrap	Hard wrap text to a certain character length	Robertson, Godby	408
harmony	Typeset harmony symbols, etc., for musicology	Wegner, Wegner	529
harnon-cv	A CV document class with a vertical timeline for experience	Hart	247
harpoon	Extra harpoons, using the graphics package	Kuipers	302
harvard-obsolete	The Harvard bibliography style family	Williams	533
harvard	Harvard citation package for use with L <sup>A</sup> T <sub>E</sub> X 2e	Williams, Schnier	533
harveyballs	Create Harvey Balls using TikZ	Roth	416
harvmac	Macros for scientific articles	Ginsparg	226
hatching	MetaPost macros for hatching interior of closed paths	Jackowski	265
hausarbeit-jura	Class for writing “juristische Hausarbeiten” at German Universities	Sievers	445
havannah	Diagrams of board positions in the games of Havannah and Hex	Ciura	180
hcbundle	Replacement for the L <sup>A</sup> T <sub>E</sub> X classes	Siefkes	445
he-le-na	Support for Serbian typesetting	Filipović	211
he-she	Alternating pronouns to aid gender-neutral writing	Munn	353
header footer	Define the layouts of page headers and footers	Gildea	226
hebtex	Support for Hebrew and other right-to-left languages	Porrat	393
hecthes	A class for dissertations and theses at HEC Montréal	Hamel	243
hellas	Typeset bibliographies which include Greek	Syropoulos	466
helmholtz-ellis...	Beautiful in-line microtonal just intonation accidentals	Nicholson	360
helvet	Load Helvetica, scaled	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	430
hep-acronym	An acronym extension for glossaries	Hajer	242
hep-bibliography	An acronym extension for glossaries	Hajer	242
hep-float	Convenience package for float placement	Hajer	242
hep-font	Latin modern extended by computer modern	Hajer	242
hep-gen	Generic macros for quantum physics	Unknown	501
hep-math-font	Extended Greek and sans-serif math	Hajer	242
hep-math	Extended math macros	Hajer	242
hep-paper	Publications in High Energy Physics	Hajer	242
hep-reference	Adjustments for publications in High Energy Physics	Hajer	242
hep-text	List and text extensions	Hajer	242
hep-title	Extensions for the title page	Hajer	242
hep	A “convenience wrapper” for High Energy Physics packages	Buckley	163
hepnames	Pre-defined high energy particle names	Buckley	163
HEPparticles	Macros for typesetting high energy physics particle names	Buckley	163
hepthesis	A class for academic reports, especially PhD theses	Buckley	163
Hepunits	A set of units useful in high energy physics applications	Buckley	163
here	Emulation of obsolete package for “here” floats	Berry	150
hereapplies	A L <sup>A</sup> T <sub>E</sub> X package for referencing groups of pages that share something in common	Unknown	501
heros-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Heros>	Voß	519
hershey-mp	MetaPost support for the Hershey font file format	Renkema	404
hershey	Experiments with the Hershey fonts	Yap	543
heuristica	Fonts extending Utopia, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	440
hex	Print a counter in hexadecimal	Domenjoud	193
hexboard	For drawing Hex boards and games	Rowlett, Sangwin	419
hexdump	Read and typeset ASCII hexdump files	Hillebrand	255
hexgame	Provide an environment to draw a hexgame-board	Brouwer	162
hf-tikz	A simple way to highlight formulas and formula parts	Fiandrino	211
hfbright	The hfbright fonts	Harders	245
hfoldsty	Old style numerals with EC fonts	Harders	245
HFUTEexam	Exam class for Hefei University of Technology (China)	Zhang	549
hfutthesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Hefei University of Technology	Yin	545

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hge	An “Old English” font	Unknown	501
hhline	Better horizontal lines in tabulars and arrays	Carlisle	169
hhtensor	Print vectors, matrices, and tensors	Harders	245
hideanswer	Generate documents with and without answers by toggling a switch	Kusakabe	303
hieroglf	The “poor man’s” Egyptian Hieroglyphic font	Wilson	534
hieroglyph	Hieroglyph fonts and other support	Rosmorduc	416
highlight	Converts source code to syntax highlighted $\TeX$ or $\LaTeX$	Simon	446
highlightlatex	Syntax highlighting for $\LaTeX$	Kuhlmann	301
hilowres	Support high and low resolution versions of same picture	Gerell	224
hindawi-latex-t...	A $\LaTeX$ template for authors of the Hindawi journals	Kumar	303
hindmadurai	The HindMadurai font face with support for $\LaTeX$ and pdf $\LaTeX$	Ebinger	200
histogr	Draw histograms with the $\LaTeX$ picture environment	Schöpf	432
historische-zei...	Bib $\LaTeX$ style for the journal ‘Historische Zeitschrift’	Waßenhoven	528
histyle	A “HighStyle” environment for $\TeX$	Unknown	501
hitec	Class for documentation	Billauer	151
hitex-def	Support files for Hi $\TeX$	Ruckert	421
hitex	A $\TeX$ extension writing HINT output for on-screen reading	Ruckert	421
hithesis	Harbin Institute of Technology Thesis Template	Yanshuo	543
hitreport	Harbin Institute of Technology Report $\LaTeX$ Template	Sun	463
hitszbeamer	A beamer theme for Harbin Institute of Technology, ShenZhen	Yang	542
HITSZThesis	A dissertation template for Harbin Institute of Technology, ShenZhen	Yang	542
hktex	A $\TeX$ / $\LaTeX$ equivalent for Android	Tse	494
HLaTeX fonts	A collection of Korean (Hangul) fonts	Un	498
hlatex	Support for the Korean language	Un	498
hletter	Flexible letter typesetting with flexible page headings	Housley	261
hlist	Horizontal and columned lists	Tellechea	476
hmtrump	Describe card games	Hitomi	255
hobby	An implementation of Hobby’s algorithm for PGF/TikZ	Stacey	454
hobete	Unofficial beamer theme for the University of Hohenheim	Görlach	231
hobsub	Construct package bundles	Oberdiek	368
hoffset-voffset	Calculate values for <code>\hoffset</code> and <code>\voffset</code>	Zabelin	546
hologo	A collection of logos with bookmark support	Oberdiek	368
holtpolt	Typeset Maxwell’s non-commutative division	Knappen	289
holtxdoc	Documentation macros for oberdiek bundle, etc	Oberdiek	368
hook-pre-commit...	Pre-commit git hook for $\LaTeX$ package developers	Rouquette	417
hopatch	Load patches for packages	Oberdiek	368
horoscop	Generate astrological charts in $\LaTeX$	Skala	447
HPtfm2pl	Create $\TeX$ PL files from HP AutoFont Support	Walsh	526
hp2xx	HP GL converter	Unknown	501
hpgl2ps	Translate HPGL to PostScript	McCormick	339
hpsdiss	A dissertation class	Schmid	428
href-ul	Underscored $\LaTeX$ hyperlinks	Bugayenko	164
hrefhide	Suppress hyper links when printing	Münch	352
hrhyph	Croatian hyphenation	Marinović	334
hrlatex	$\LaTeX$ support for Croatian documents	Maretić	333
hsindex	An alternative index processor to imakeidx written with Haskell	Joulin	273
html2latex	Convert HTML to $\LaTeX$	Thatcher, Seibert, Torking-ton, Reimers	482
htmlhelp	HTML translation of VMS help files	Walsh, Greenwade	527
hu-berlin-bundle	$\LaTeX$ classes for the Humboldt-Universität zu Berlin	Bossert	157
huawei	Template for Huawei documents	Bugayenko	164
huaz	Automatic Hungarian definite articles	Tómacs	493
huffman	Drawing binary Huffman trees with MetaPost and METAOBJ	Chupin	180
huhyp	Hyphenation patterns for the Hungarian language	Mayer	338
hulipsum	Hungarian dummy text (Lórum ipse)	Tómacs	493



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
humanbio	Bibliography style for "Human Biology"	Rogers	413
humanist	Humanist manuscript book-hand font	Wilson	534
humannat	Bibliography style for "Human Nature" and "American Anthropologist"	Rogers	413
huncial	Fonts based on the half Uncial manuscript book-hand	Wilson	534
hungarian	New Hungarian hyphenation patterns	Nagy	357
hustthesis	Unofficial thesis template for Huazhong University	Cheng	176
hvarabic	Macros for RTL typesetting	Voß	519
hvdashln	Horizontal and vertical dashed lines in arrays and tabulars	Nakashima	357
hvextern	Write and execute external code, and insert the output	Voß	519
hvfloat	Controlling captions, fullpage and doublepage floats	Voß	519
hvindex	Support for indexing	Voß	519
hvlogos	Print T <sub>E</sub> X-related names as logo	Voß	519
hvmath-fonts	Bitmap versions of the Micropress HV-Math fonts (Helvetica Maths)	MicroPress	343
hvmath	Support for using the Micropress HV-Math fonts (Helvetica Maths)	Schmidt, Harcombe	429
hvpymntex	Syntax-Highlighting of program code	Voß	520
hvqrurl	Insert a QR code in the margin	Voß	520
hwemoji	Unicode emoji support for pdfL <sup>A</sup> T <sub>E</sub> X with sequences	Unknown	501
hwkatakana	Half-width katakana fonts	Hassenpflug	248
hyacc-cm	Hyphenation using 7-bit fonts	Flipo, Siebenmann	215
hybrid-latex	Allow active Python code in L <sup>A</sup> T <sub>E</sub> X documents	Brewin	160
hycolor	Implements colour for packages hyperref and bookmark	Oberdiek	368
hybmsec	Hypertext bookmarks in sectioning commands	Oberdiek	368
hycap	Adjusting the anchors of captions	Oberdiek	368
hydestopt	Hyperref destination optimizer	Oberdiek	369
hydoc	Hyper extensions for doc.sty	Oberdiek	369
hydvips	Hyperref extensions for use with dvips	Niedrist	362
hyper	Hypertext cross referencing	Mehlich	341
hyperbar	Add interactive Barcode fields to PDF forms	Krüger	300
hyperlatex	A restricted L <sup>A</sup> T <sub>E</sub> X system that also produces HTML	Cheong, Sgouros	176
hypernat	Allow hyperref and natbib to work together	Berger	149
hyperref	Extensive support for hypertext in L <sup>A</sup> T <sub>E</sub> X	Oberdiek, Rahtz, Oberdiek Package Support Group, L <sup>A</sup> T <sub>E</sub> X Team	373
hyperxmp	Embed XMP metadata within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	379
hygotoe	Links to embedded files	Oberdiek	369
hyph-utf8	Hyphenation patterns expressed in UTF-8	Miklavec, Rosendahl, Pégourié-Gonnard, Roux, Hosny	343
hyphen-accent	L <sup>A</sup> T <sub>E</sub> X 2.09 code for using DC fonts	Taupin	474
hyphen-spanish	Standard hyphenation rules for Spanish	Bezos López, Carmona	322
hyphenat	Disable/enable hyphenation	Robertson, Wilson	410
hyphenation-greek	Hyphenation patterns for ancient and modern Greek	Filippou	212
hyphenex	US English hyphenation exceptions file	Lemberg, Beeton, Berry	314
hyphsubst	Substitute hyphenation patterns	Oberdiek	369
hypt1	Additional hyphenation patterns	Raichle	399
HyPlain	Basic support for multiple languages in Plain T <sub>E</sub> X	Gregorio	236
<b>IIII</b>			
i-ching	An i-ching package	Bzyl	167
iagproc	Class for two column IAG Proceedings articles	Vermeer	511
iahypen	Hyphenation patterns for Interlingua	Kleiweg	287
ibarra	L <sup>A</sup> T <sub>E</sub> X support for the Ibarra Real Nova family of fonts	Tennent	478
ibm	Metrics for IBM fonts	Rahtz	398
ibmres-tex	A semi-automated approach to the production of resumes	Leeman	311
ibrackets	Intelligent brackets	Missier	346

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ibycus-babel	Use the Ibycus 4 Greek font with Babel	Heslin	254
ibygrk	Fonts and macros to typeset ancient Greek	Schmidt, Harcombe, MacKay	430
icehyph	Icelandic hyphenation patterns	Pind, Sverrisson	390
icelandic	Icelandic Fonts	Pind	390
iching	A font for I Ching divinations	Stanier	455
icite	Indices locorum citatorum	Alessi	129
icomma	Intelligent commas for decimal numbers	Schmidt	428
icon-appr	Creates icon appearances for form buttons	Story	460
icons	TeX icons	Carriba, Sendoukas	172
icsv	Class for typesetting articles for the ICSV conference	Robertson	407
idealfonts	Font and L <sup>A</sup> T <sub>E</sub> X support for Textures users	Gaulle	223
identkey	Typesetting bracketed dichotomous identification keys	White	531
idverb	Inline verbatim identifiers	Schrod	433
idxcmds	Semantic commands for adding formatted index entries	Niederberger	361
idxlayout	Configurable index layout, responsive to KOMA-Script and memoir	Titz	491
idxtex	An index processor	Aurbach, Hantelmann, Iani- gro	137
IEEEannot	A sorting version of IEEEtran.bst	Barik, Shell	139
IEEEconf	Macros for IEEE conference proceedings	Pakin	379
ieeepes	IEEE Power Engineering Society Transactions	Kuhlmann	301
IEEEtran	Document class for IEEE Transactions journals and conferences	Shell	442
ieeetrantools	Functionality for IEEEtran for use with other classes	Shell	442
IEEEjtran	Unofficial bibliography style file for the Institute of Electrical Engi- neers of Japan	Ejiri	202
ietfbibs	Generate BibTeX entries for various IETF index files	Mortier	350
iexec	Execute shell commands and input their output	Bugayenko	164
ifacmtg	Elsevier Science preprint style for IFAC meetings	Pepping	386
ifallfalse	Compare a string against a set of other strings	Chen	175
ifdraft	Detect “draft” and “final” class options	Oberdiek	369
ifetex	Provides \ifetex switch	L <sup>A</sup> T <sub>E</sub> X Team, Scharrer	488
iffont	Conditionally load fonts with fontspec	Weiss	529
iflang	Expandable checks for the current language	Oberdiek	369
ifluatex	Provides the \ifluatex switch	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	488
ifmslide	Presentation slides for screen and printouts	Emmel	204
ifmtarg	If-then-else command for processing potentially empty arguments	Robertson, Wilson	410
ifnextok	Utility macro: peek ahead without ignoring spaces	Lück	325
ifoddpag	Determine if the current page is odd or even	Scharrer	425
ifpdf	Provides the \ifpdf conditional	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	488
ifplatform	Conditionals to test which platform is being used	Robertson, Große	408
ifptex	Check if the engine is pTeX or one of its derivatives	Yato	544
ifsym	A collection of symbols	Klöckl	288
iftex	Am I running under pdfTeX, XeTeX or LuaTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Khalighi	488
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	306
ifthenx	Extra tests for \ifthenelse	Jones	271
ifvtex	Detects use of VTeX and its facilities	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	488
ifxetex	Am I running under XeTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Robertson	488
ifxptex	Detect pTeX and its derivatives	Zhang	549
igo	Fonts and macro to typeset Go diagrams	Dupuis	199
iitem	Multiple level of lists in one list-like environment	Vitecek	517
ijc	International Journal of Control style	Balemi	138
ijcai89	Format papers for IJCAI 1989	Patel-Schneider	384
ijmart	L <sup>A</sup> T <sub>E</sub> X Class for the Israel Journal of Mathematics	Veytsman	513
ijqc	BibTeX style file for the Intl. J. Quantum Chem	Mathar	335

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ijsra	L <sup>A</sup> T <sub>E</sub> X document class for the International Journal of Student Research in Archaeology	Bossert	157
imac	International Modal Analysis Conference format	Slater	448
image-gallery	Create an overview of pictures from a digital camera or from other sources	Niepraschk	362
imakeidx	A package for producing multiple indexes	Beccari, Gregorio	145
Imake-TeX	An Imake system for T <sub>E</sub> X	Klute	288
imfellEnglish	IM Fell English fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
imfellflowers	IM Fell Flower OpenType fonts	Tennent	478
impatient	Free edition of the book "TeX for the Impatient"	Abrahams, Hargreaves, Berry	127
imprnatypo	Support typography of l'Imprimerie Nationale Française	Pinson	391
import	Establish input relative to a directory	Arseneau	133
impose	PostScript imposition and support utilities	Grobgeld	238
imprintmtshadow	Support files for the Monotype Imprint Shadow fonts	Veytsman	514
imsproc	Typeset IMS conference proceedings	Khalighi, bidi-tex GitHub Organisation	280
IMTEKda	IMTEK thesis class	Dreher	196
incgraph	Sophisticated graphics inclusion in a PDF document	Sturm	463
includeRnw	Include .Rnw inside .tex	Storvik Strauman	462
includex	Extended \include	Swift	465
inconsolata	A monospaced font, with support files for use with T <sub>E</sub> X	Levien, Berry, Sharpe	314
indent	Environments that change margins	Unknown	501
indentfirst	Indent first paragraph after section header	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
index	Extended index for L <sup>A</sup> T <sub>E</sub> X including multiple indexes	Jones	271
indextools	Producing multiple indices	Rouquette	417
indic-type1	Indic Type 1 fonts converted from public Metafont sources	Piška	391
induni-om	Omega fonts for characters used in study of Sanskrit	Smith	449
indxcite	Generate author index based on citations	Ashton	136
infpic	Macros to insert pictures in paragraphs	Ulrych	497
infwarerr	Complete set of information/warning/error message macros	Oberdiek	369
inhyph	Hyphenation patterns for Bahasa Indonesia	Knappen, Mart	289
initials	Adobe Type 1 decorative initial fonts	Steffmann, Loreti	456
inkpaper	A mathematical paper template	Liang	315
inline-images	Inline images in base64 encoding	Wäckerlin	525
inlinebib	Citations in footnotes	Seindal	438
inlinedef	Inline expansions within definitions	Hicks	254
inlinelabel	Assign equation numbers to inline equations	Kusakabe	303
innerscript	Modifies automatic mathematics spacing	Kosowsky	297
inputenc	Accept different input encodings	Jeffrey, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	269
inputenx	Enhanced input encoding handling	Oberdiek	369
inputfile	Input L <sup>A</sup> T <sub>E</sub> X files, remembering the file name	Tucci	496
inputnormalization	Wrapper for XeTeX's and LuaTeX's input normalization	Krüger	300
inputtrc	Trace which file loads which	Lück	325
inriafonts	Inria fonts with L <sup>A</sup> T <sub>E</sub> X support	Markey	334
inrstex	Extended Plain T <sub>E</sub> X for use with MLTeX	Ferguson	210
insbox	Insert pictures/boxes into paragraphs	Gulczynski	239
inscrutable	A response to Perl hackers' silliness	Greene	235
insdljs	Insert document-level JavaScript in L <sup>A</sup> T <sub>E</sub> X documents	Story	460
inslrmaj	Fonts based on the Insular Majuscule manuscript book-hand	Wilson	534
inslrmin	Fonts based on the Insular Minuscule manuscript book-hand	Wilson	534
Install-LaTeX-G...	A short introduction to L <sup>A</sup> T <sub>E</sub> X installation written in Chinese	Wang	527
installfont	A bash script for installing a L <sup>A</sup> T <sub>E</sub> X font family	Kleber	285
intcalc	Expandable arithmetic operations with integers	Oberdiek	369

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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 LuaL <sup>A</sup> T <sub>E</sub> X	Ebinger	200
interactiveanim...	Create PDF files with branching animations	González, Toro, Linares	229
interactiveplot	Provides an interface to create interactive 2D/3D functions inside a PDF file	Bock, Linares, Toro	153
interactivework...	LaTeX-based interactive PDF on the Web	Kuhn	302
interchar	Managing character class schemes in XeTeX	Hu	261
interfaces	Set parameters for other packages, conveniently	Chervet	177
interpol	Add interpolation to MetaPost graph package	Vieth	515
interpreter	Translate input files on the fly	Isambert, Robbers	265
interval	Format mathematical intervals, ensuring proper spacing	Madsen	331
intex	Support typesetting and indexing words and phrases	Ranange	400
intopdf	Embed non-PDF files into PDF with hyperlink	Krüger	300
intro-scientific	Introducing scientific/mathematical documents using L <sup>A</sup> T <sub>E</sub> X	Bennieston	149
inversepath	Calculate inverse file paths	Robertson	408
invertedparagraphs	Indented text with negative paragraph indentation	Unknown	501
invoice-class	Produces a standard US invoice from a CSV file	Munn	353
invoice	Generate invoices	Corff	183
invoice2	Intelligent invoices with L <sup>A</sup> T <sub>E</sub> X3	Dierl	192
iodhbw	Unofficial template of the DHBW Mannheim	Faltin	208
ionumbers	Restyle numbers in maths mode	Schneider	431
iopart-num	Numeric citation style for IOP journals	Caprio	168
ipa	L <sup>A</sup> T <sub>E</sub> X macros for using WSUIPA fonts	Roegel, Brodnik	412
ipaex-type1	IPAex fonts converted to Type-1 format Unicode subfonts	Yato	544
ipaex	IPA (Japanese) fonts	Information-technology Promotion Agency, Japan, Kitagawa, Preining	264
is-bst	Extended versions of standard BibTeX styles	Beebe	146
iscram	A L <sup>A</sup> T <sub>E</sub> X class to publish article to ISCRAM conferences	Gaborit	221
isf	Access italic computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	236
ishyph	Hyphenation patterns for Icelandic	Pind	390
isi2bib-vim	Vim script to convert bib database from ISI to BibTeX format	Thakkar	481
isi2bibtex	Converter for ISI to BibTeX	Lee	310
ISO-TeX	Display (La)TeX accented letters in GNU Emacs	Neugebauer	359
iso	Generic ISO standards typesetting macros	Wilson	534
iso10303	Typesetting the STEP standards	Wilson	534
iso209	A document style for ISO standards	North	365
isodate	Tune the output format of dates according to language	Harders	245
isodoc	A L <sup>A</sup> T <sub>E</sub> X class for typesetting letters and invoices	Dekker	189
isolatin1	An obsolete means to use ISO 8859-1 with T <sub>E</sub> X	Unknown	501
isomath	Mathematics style for science and technology	Milde	344
isonums	Display numbers in maths mode according to ISO 31-0	Väth, Rivera	510
isopt	Writing a T <sub>E</sub> X length with a space between number and unit	Voß	520
isorot	Rotation of document elements	Wilson	534
isotope	A package for typesetting isotopes	Bauke	142
ispell	Multi-platform spell checker	Atkinson	136
issuulinks	Produce external links instead of internal ones	Veytsman	514
ist21	Title page for the old BSI IST/21 committee	Unknown	501
istgame	Draw Game Trees with TikZ	Cho	179
ital	Automatic italic correction	Bernstein	149
italic	Automatic italic correction for italic and slanted text	Goatley	228
iTe	Interactive T <sub>E</sub> X editor	Kühn	302
ithyph	Hyphenation patterns for the Italian language	Beccari	144
itnumpar	Spell numbers in words (Italian)	Gregorio	236
itrans-processor	Transliteration of Indian Languages	Chopde	179
ivd2dvi	Convert IVD-DVI files to DVI	Denenberg	190

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
iwhdp	Halle Institute for Economic Research (IWH) Discussion Papers	Ehrenfeld	201
iwona	A two-element sans-serif font	Nowacki	365
izhitsa	Support for the old Russian font "Izhitsa"	Motygin	351
<b>JJJJ</b>			
jablantile	Metafont version of tiles in the style of Slavik Jablan	Knuth	291
jabref	Graphical frontend to manage BibTeX databases	The JabRef Project, Kopp, Alver, Batada	483
jacow	A class for submissions to the proceedings of conferences on JA-CoW.org	Schaa	424
jadetex	Macros supporting Jade DSSSL output	Rahtz, Castle	398
jamtimes	Expanded Times Roman fonts	Veytsman	514
japanese-mathfo...	Compiling basic math formulas in Japanese using LuaLaTeX	Unknown	502
japanese-otf-uptex	Support for Japanese OTF files in upLaTeX	Tanaka, Preining, Japanese T <sub>E</sub> X Team	474
japanese-otf	Advanced font selection for platex and its friends	Preining, Japanese T <sub>E</sub> X Team, Tanaka	394
jas99	BibTeX style for American Meteorological Society (AMS)	Moran, Flatau	349
jas99_m	BibTeX style for American Meteorological Society (AMS)	Furue	221
jasthesis	A 'standard' thesis class	Shepherd	443
JavaBib	A BibTeX file manager written in Java	Unknown	502
javadoc	Documenting source code	Kiesel	282
javaDVI	DVI viewer and printer coded in Java	Hurt	263
javascript_TeXed	Small MikTeX-editor for Win32 Intel platform	Yasko	543
javascripthttp	Add buttons to a PDF to easily get and post web content	Zwahlen	552
javatex	A Java implementation of T <sub>E</sub> X	Murphy	355
jbact	BibTeX style for biology journals	Schneider	432
JBibtexManager	Managing citations in BibTeX format	Batada	141
jcc	BibTeX style file for J. Comp. Chem	Hill, Cervellino	255
jeep	Modified L <sup>A</sup> T <sub>E</sub> X2.09 article and report styles	Stewart	457
jeopardy	Build a jeopardy game in L <sup>A</sup> T <sub>E</sub> X	Mařík	334
JeuxCartes	Macros to insert playing cards	Pierquet	388
jflap2tikz	Convert JFlap file into a L <sup>A</sup> T <sub>E</sub> X file depicting the automaton using TikZ	Mertz	342
jfmutil	Utility to process pTeX-extended TFM and VF	Yato	544
jfontmaps	Font maps and configuration tools for Japanese fonts	Preining	394
jhep	Class for JHEP	Nesti	358
jIEEEtran	Unofficial L BibTeX style for citing Japanese articles in IEEE format	Ejiri	202
jigsaw	Draw jigsaw pieces with TikZ	Unknown	502
jj-game	A L <sup>A</sup> T <sub>E</sub> X class to construct Jeopardy-like games	Story	460
jkmath	Macros for mathematics that make the code more readable	Kaerts	274
jknappen	Miscellaneous packages by Joerg Knappen	Knappen	289
jktthesis	Document class for formatting a thesis	Küpper	303
jlabels	Make letter-sized pages of labels	Tartir	474
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	450
jlreq-deluxe	Multi-weight Japanese font support for the jlreq class	Morimi	350
jlreq	Japanese document class based on requirements for Japanese text layout	Abe	127
jmakepdfx	A Java interface to Ghostscript to convert PDF to PDF/X	Talbot	472
jmb	BibTeX style for the Journal of Theoretical Biology	Schneider	432
jmlr	Class files for the Journal of Machine Learning Research	Talbot	472
jmsdelim	A package for compositional delimiter sizing	Sterling	457
jneurosci	BibTeX style for the Journal of Neuroscience	Hennig	252
jnuexam	Exam class for Jinan University	Lyu	329
jobname-suffix	Compile differently based on the filename	Siefken	445
josefin	Josefin fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
jourcl	Cover letter for journal submissions	Kukovec	303



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
jourrr	A L <sup>A</sup> T <sub>E</sub> X template for journal rebuttal letters	Kukovec	303
joy-of-tex	User documentation for the AMS-TeX macro collection	The AMS	483
jpeg2ps-os2	JPEG to PostScript converter for OS/2	Niepraschk, Deutscher	363
jpeg2ps	Convert JPEG files to PostScript Level 2 or 3 EPS	Merz	342
jphysiol	BibTeX style for the Journal of Physiology	Hennig	252
JPicEdt	A graphical editor generating L <sup>A</sup> T <sub>E</sub> X commands	Reynal, Belaïche	405
jpneduenumerate	Enumerative expressions in Japanese education	Kusakabe	304
jpnedumathsymbols	Mathematical equation representation in Japanese education	Kusakabe	304
jpsj	Document Class for Journal of the Physical Society of Japan	Kuwabara	304
jqt1999	Journal of Quality Technology BibTeX format	Forrest	217
js-misc	Miscellaneous macros from Joachim Schrod	Schrod	433
jsclasses	Classes tailored for use with Japanese	Okumura, Japanese T <sub>E</sub> X Team	374
jslectureplanner	Creation and management of university course material	Spitzmüller	452
jspell	An ASCII file spelling checker	Jeong	270
jtb	BibTeX style for Journal of Theoretical Biology	Rogers	413
jtbnew	BibTeX style for Journal of Theoretical Biology	Robbers	407
jumlines	Articles with teasers and continuation later on	Hupfer	262
junicode	A TrueType font for mediaevalists	Baker	138
jupynotex	Include whole or partial Jupyter notebooks in L <sup>A</sup> T <sub>E</sub> X documents	Batista	141
jura	A document class for German legal texts	Braun	159
juraabbrev	Abbreviations for typesetting (German) juridical documents	Wartenburger	527
jurabib	Extended BibTeX citation support for the humanities and legal texts	Berger	149
juramisc	Typesetting German juridical documents	Sodtalters	450
jurarsp	Citations of judgements and official documents in (German) juridical documents	Wartenburger	528
JustFontItTE	JustFontIt T <sub>E</sub> X Edition	Kostin	298
jvlisting	A replacement for L <sup>A</sup> T <sub>E</sub> X's verbatim package	Voss	524
jwjournal	A personal class for writing journals	XU	541
<b>KKKKK</b>			
kalendarium	Print dates according to the classical Latin calendar	Smith	448
kalendar-209	Produce page-per-day calendars	Schrell	432
kalendar	Create a calendar, in German	Söhner	450
kanaparser	Kana parser for LuaTeX	Zahumensky	546
kanbun	Typeset kanbun-kundoku with support for kanbun annotation	Chen	176
kantlipsum	Generate sentences in Kant's style	Gregorio	237
karnaugh-map	L <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Jacobsson	267
karnaugh	Typeset Karnaugh-Veitch-maps	Wieland	532
karnaughmap	Typeset Karnaugh maps	Michael	343
karta	Cartographic signs	Unknown	502
kaytannollista-...	Practical manual for L <sup>A</sup> T <sub>E</sub> X (Finnish)	Likonen	316
kblocks	Easily typeset Control Block Diagrams and Signal Flow Graphs	Somefun	450
kbordermatrix	L <sup>A</sup> T <sub>E</sub> X version of \bordermatrix	Border	156
kdgdocs	Document classes for Karel de Grote University College	Levrie, Daems	314
kdgreek	Greek fonts and macros	Dryllerakis	197
kdpcover	Covers for books published by Kindle Direct Publishing	Bugayenko	164
kelly-greek-font	Simple fonts for Greek	Hamilton Kelly	278
kerkis	Kerkis (Greek) font family	Tsolomitis	495
kerntest	Print tables and generate control files to adjust kernings	Harders	245
ketcindy	Creating graphics for T <sub>E</sub> X using Cinderella	Takato	468
keycommand	Simple creation of commands with key-value arguments	Chervet	177
keyfloat	Provides a key/value interface for generating floats	Dunn	198
keyindex	Index entries by key lookup	Zach	546
keyparse	Key based parser	Rogard	413
keyreader	A robust interface to xkeyval	Musa	355

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
keystroke	Graphical representation of keys on keyboard	Niepraschk	363
keyval	Process 'key=value' schemes	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
keyval2e	A lightweight and robust key-value parser	Musa	356
keyvaltable	Re-usable table layouts separating content and presentation	Grewé	237
kfupm-math-exam	A L <sup>A</sup> T <sub>E</sub> X document style to produce homework, quiz and exam papers	Alshahrani	130
kile	A user friendly T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X editor for KDE	Wijnhout, Brachet	532
kinematikz	Design kinematic chains and mechanisms	Santos	423
kix	Typeset KIX codes	Stoks	458
KIXfont	A font for KIX codes	van Rein	403
klinz	A Klingon font	Wünsch	540
kmrhyph	Hyphenation patterns for Kurmanji, T1 encoded	Knappen	289
knit	Tangle and weave with multiple change files	Appelt	132
knitting	Produce knitting charts, in Plain T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Barton	141
knittingpattern	Create knitting patterns	Griffiths	238
knot	A Celtic knotwork font	Jaquina	269
knowledge	Displaying, hyperlinking, and indexing notions in a document	Colcombet	182
knst	Multiple-guess tests	Saludes	422
knuth-base	The current state of Knuth's contributions	Knuth	291
knuth-dist	The current state of Knuth's contributions	Knuth	291
knuth-errata	Knuth's published errata	Knuth	291
knuth-hint	HINT collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	427
knuth-letter	Knuth's example letter macros	Knuth	291
knuth-lib	Core T <sub>E</sub> X and Metafont sources from Knuth	Knuth	291
knuth-local	Knuth's local information	Knuth	291
knuth-pdf	PDF collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	427
koi8	KOI-8 input support	Blumenthal	153
koma-moderncvc1...	Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX	Södergran	449
koma-script-exa...	Examples from the 3rd edition of the KOMA-Script book	Kohm	294
koma-script-exa...	Examples from the 4th edition of the KOMA-Script book	Kohm	294
koma-script-exa...	Examples from the 5th edition of the KOMA-Script book	Kohm	294
koma-script-exa...	Examples from the KOMA-Script book	Kohm	294
koma-script-obs...	Deprecated packages from koma-script	Kohm	294
koma-script-sfs	Koma-script letter class option for Finnish	Väisänen	508
koma-script	A bundle of versatile classes and packages	Kohm	294
komacv-rg	L <sup>A</sup> T <sub>E</sub> X packages that aid in creating CVs based on the komacv class and creating related documents	Grewé	237
komacv	Typesetting a beautiful CV with various style options	Södergran	450
konwerter	A program for automatic numbering of compounds in chemical publications	Wawrzyniak	528
KorigamiK	Typeset articles using KorigamiK's document class	Lakhwani	306
kotex-oblivoir	A L <sup>A</sup> T <sub>E</sub> X document class for typesetting Korean documents	Lee, Kim	310
kotex-plain	Macros for typesetting Korean under Plain T <sub>E</sub> X	Lee	310
kotex-utf	Typeset Hangul, coded in UTF-8	Lee	310
kotex-utils	Utility scripts and support files for typesetting Korean	Lee	310
kpathsea	Path searching library for T <sub>E</sub> X-related files	T <sub>E</sub> XLive, Weber	483
kpfonts-otf	OTF version of the Kp-fonts	Flipo	214
kpfonts	A complete set of fonts for text and mathematics	Caignaert	167
ksfh-nat	BibTeX style for KSFH Munich	Bilger	151
ksp-thesis	A L <sup>A</sup> T <sub>E</sub> X class for theses published with KIT Scientific Publishing	Heinze	249
KTeXShell	Graphical frontend to T <sub>E</sub> X	Fischer	213
ktv-texdata	Extract subsets of documents	Huynh	263
ku-template	Copenhagen University or faculty logo for front page	Pedersen	385
kurdishlipsum	A 'lipsum' package for the Kurdish language	Jund	273
kurier	A two-element sans-serif typeface	Nowacki	365

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
kuvio	Drawing macros and fonts for diagrams	Svensson	464
kvdefinekeys	Define keys for use in the kvsetkeys package	Oberdiek	369
kvmap	Create Karnaugh maps with L <sup>A</sup> T <sub>E</sub> X	Frank	218
kvoptions	Key value format for package options	Oberdiek	369
kvsetkeys	Key value parser with default handler support	Oberdiek	369
<b>LLLL</b>			
l2a	L <sup>A</sup> T <sub>E</sub> X to ASCII	Hannemyr	243
l2picfaq	L <sup>A</sup> T <sub>E</sub> X pictures "how-to" (German)	Bischoff	151
l2tabu-english	English translation of "Obsolete packages and commands"	Trettin, Fenn	494
l2tabu-french	French translation of l2tabu	Alfonsi, Henel	129
l2tabu-italian	Italian Translation of Obsolete packages and commands	Zannarini, Sacchetto	548
l2tabu-spanish	Spanish translation of "Obsolete packages and commands"	Trettin, Medina Arellano	493
l2tabu	Obsolete packages and commands	Ensenbach, Trettin	204
l2x	L <sup>A</sup> T <sub>E</sub> X to ASCII	Schulzrinne	435
l3backend	LaTeX3 backend drivers	L <sup>A</sup> T <sub>E</sub> X Team	485
l3build	A testing and building system for (La)TeX	L <sup>A</sup> T <sub>E</sub> X Team	485
l3docstrip	Strip documentation in L <sup>A</sup> T <sub>E</sub> X3 source	L <sup>A</sup> T <sub>E</sub> X Team	485
l3experimental	Experimental L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	485
l3kernel	LaTeX3 programming conventions	L <sup>A</sup> T <sub>E</sub> X Team	485
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	485
l3packages	High-level L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	485
l3regex	Regular expression facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	486
la	School handwriting fonts	Heuer	254
laansort	Sorting within T <sub>E</sub> X	van der Laan	305
labbook	Typeset laboratory journals	Küster	304
label-pln	Print address labels in three columns	Unknown	502
labelcas	Check the existence of labels, and fork accordingly	Diez	193
labelfig	Label L <sup>A</sup> T <sub>E</sub> X 2.09 figures included in documents	Siebenmann	444
labelmac3	Print Avery 5160 labels for laser printers	Rao	400
labelmag	Manage a collection of labels	Willadt	532
labels	Print sheets of sticky labels	Gilbey, Rahtz, Gustafson	226
labels4easylist	Add reference labels to easylist items	Paciorek	377
labelschanged	Identify labels which cause endless "may have changed" warnings	Dunn	198
lablst-pkg	List names of labels in a document	Karney	275
labtex	Label diagrams produced in Metafont	Hoening	256
labyrinth	Draw labyrinths and solution paths	Zigliotto	550
lacheck	L <sup>A</sup> T <sub>E</sub> X checker	Thorup, Abrahamsen, T <sub>E</sub> XLive	490
ladder	Draw simple ladder diagrams using TikZ	Cadiou	167
lahyph	Hyphenation patterns for the Latin language	Beccari	144
laletter	Los Alamos letter style	Sydoriak	465
lambda-lists	Lists in T <sub>E</sub> X's mouth	Jeffrey	269
lambdax	Use Lambda expression within L <sup>A</sup> T <sub>E</sub> X	Rogard	413
lamemo	Memo style as used at Los Alamos	Sydoriak	465
lametex	A PostScript translator for a subset of L <sup>A</sup> T <sub>E</sub> X	Monsarrat	348
lamstex-index	Index processor for LamsTeX	Spivak	452
LamsTeX	A merge of the best in AMS-TeX and L <sup>A</sup> T <sub>E</sub> X	Spivak	452
landscape	Set up for typesetting in landscape	Hosek	260
langcode	Simple language-dependent settings based on language codes	Lück	325
langnames	Name languages and their genetic affiliations consistently	García Matarredona, Un- known	335
langsci-affilia...	Collect and order authors and affiliations	Kopecky	297
langsci-avm	Feature structures and attribute-value matrices (AVM)	Kopecky	297
langsci	Typeset books for publication with Language Science Press	Nordhoff	364
lapdf	PDF drawing directly in T <sub>E</sub> X documents	Reimers	403

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
laps	Zero-width boxes for annotations, etc	Unknown	502
lastbib	Record the number of citations in a document	Tuleuov	496
lastpackage	Indicates the last loaded package	Pospiech	393
lastpage	Reference last page for Page N of M type footers	Münch, Goldberg	353
LaTable	A near-WYSIWYG editor for L <sup>A</sup> T <sub>E</sub> X tables	Denisov	191
lated	Graphical L <sup>A</sup> T <sub>E</sub> X picture editor	Ressler	404
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	486
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	486
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	486
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	488
latex-bib-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	520
latex-bib2-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	520
latex-bnf	L <sup>A</sup> T <sub>E</sub> X macros for typing BNF specifications	Osborne	377
LaTeX-brochure	A publicity flyer for L <sup>A</sup> T <sub>E</sub> X	Flynn	216
latex-context-p...	Legacy stub to allow loading pictex as m-pictex	Carlisle	169
latex-course	A L <sup>A</sup> T <sub>E</sub> X course as a projected presentation	Buxbaum	167
cyrillic	Support for Cyrillic fonts in L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	485
latex-doc-ptr	A direction-finder for L <sup>A</sup> T <sub>E</sub> X resources available online	Hefferon, Pégourié-Gonnard, Berry	249
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	486
latex-errata	Errata for the L <sup>A</sup> T <sub>E</sub> X Manual	Lamport	306
latex-essential	Essential information for writing L <sup>A</sup> T <sub>E</sub> X documents	Warbrick, Rivera	527
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	486
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	486
latex-fonts	A collection of fonts used in L <sup>A</sup> T <sub>E</sub> X distributions	Knuth, Lamport, MacKay, Schwartz, Melliar-Smith	293
latex-for-under...	A tutorial aimed at introducing undergraduate students to L <sup>A</sup> T <sub>E</sub> X	Lounsbury	323
latex-git-log	Typeset git log information	Schneider	431
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	486
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	486
latex-hlp	A VMS help file for L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	236
latex-info	Unofficial reference manual for L <sup>A</sup> T <sub>E</sub> X	Steffens, Greenwade	456
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	486
latex-lab	L <sup>A</sup> T <sub>E</sub> X laboratory	L <sup>A</sup> T <sub>E</sub> X Team	486
latex-make	Easy compiling of complex (and simple) L <sup>A</sup> T <sub>E</sub> X documents	Danjean	188
latex-mr	A practical guide to L <sup>A</sup> T <sub>E</sub> X and Polyglossia for Marathi and other Indian languages	Holkar	259
latex-notes-zh-cn	Chinese Introduction to T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Huang	261
latex-papersize	Calculate L <sup>A</sup> T <sub>E</sub> X settings for any font and paper size	Brown	162
latex-pro-pragm...	L <sup>A</sup> T <sub>E</sub> X for pragmatists	Satrapa	423
LaTeX-Referenz	Examples from the book "L <sup>A</sup> T <sub>E</sub> X Referenz"	Voß	520
latex-refsheet	L <sup>A</sup> T <sub>E</sub> X Reference Sheet for a thesis with KOMA-Script	Lammarsch, Schubert	306
latex-sciences-...	(Xe)L <sup>A</sup> T <sub>E</sub> X Appliqué aux sciences humaines	Rouquette	417
latex-tabellen	L <sup>A</sup> T <sub>E</sub> X Tabellen	Voß	520
LaTeX-tds	A structured copy of the L <sup>A</sup> T <sub>E</sub> X distribution	Oberdiek	369
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	487
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	486
latex-uni8	Universal inputenc, fontenc, and babel for pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Szabó	468
LaTeX-veryshort...	The Very Short Guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	216
latex-via-exemplos	A L <sup>A</sup> T <sub>E</sub> X course written in brazilian portuguese language	Massago	335
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	488
latex209	Old, unsupported, L <sup>A</sup> T <sub>E</sub> X	Lamport	306
latex2e-help-te...	A French translation of "latex2e-help-texinfo"	Belaïche	148
latex2e-help-te...	Unofficial reference manual covering L <sup>A</sup> T <sub>E</sub> X2e	Berry, Martinsen, Greenwade, Gilmore, Hefferon	150

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
latex2e-reference	A reference for L <sup>A</sup> T <sub>E</sub> X in HTML	Dietze	193
latex2html	Convert L <sup>A</sup> T <sub>E</sub> X into HTML documents	Drakos, Moore, Gildea, de Souza, Stigge	196
latex2man	Translate L <sup>A</sup> T <sub>E</sub> X-based manual pages into Unix man format	Vollmer	518
Latex2Nemeth	Convert L <sup>A</sup> T <sub>E</sub> X source to Braille with math in Nemeth	Papasalouros, Tsolomitis	382
latex2rtf	Convert L <sup>A</sup> T <sub>E</sub> X into Rich Text Format	Hennings, Dorner, Granzer	253
latex4jed	A much enhanced L <sup>A</sup> T <sub>E</sub> X mode for the Jed editor	Gonzato	229
LaTeX4Musicians	A guide for combining L <sup>A</sup> T <sub>E</sub> X and music	Gonzato	230
latex4wp-it	L <sup>A</sup> T <sub>E</sub> X guide for word processor users, in Italian	Gonzato	230
latex4wp	A L <sup>A</sup> T <sub>E</sub> X guide specifically designed for word processor users	Gonzato	230
latexalpha2	Embed Mathematica code and plots into L <sup>A</sup> T <sub>E</sub> X	Liu	317
latexbangla	Enhanced L <sup>A</sup> T <sub>E</sub> X integration for Bangla	Hasan	247
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	487
latexcad	A CAD drawing package	Leis	312
latexcheat-de	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in German	Schwindt	436
latexcheat-esmx	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Spanish	Rivera, Chang	407
latexcheat-ptbr	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Brazilian Portuguese	Granja, Chang	234
latexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet	Chang	174
latexcolors	Use color definitions from latexcolor.com	Plüss	392
latexcount	Perl script to count words of L <sup>A</sup> T <sub>E</sub> X documents	Magnus	331
latexcourse-rug	A L <sup>A</sup> T <sub>E</sub> X course book	Kroonenberg	300
LaTeXDB	Integrates L <sup>A</sup> T <sub>E</sub> X and SQL databases	Eßer	205
latexdemo	Demonstrate L <sup>A</sup> T <sub>E</sub> X code with its resulting output	Pospiech	393
latexdiff	Determine and mark up significant differences between L <sup>A</sup> T <sub>E</sub> X files	Tilmann	490
latexdraw	CAD oriented drawing program	Siebert	445
latexfileinfo-pkgs	A comparison of packages showing L <sup>A</sup> T <sub>E</sub> X file information	Lück	325
latexfileversion	Prints the version and date of a L <sup>A</sup> T <sub>E</sub> X class or style file	Harders	245
LaTeXgit	A L <sup>A</sup> T <sub>E</sub> X git wrapper	Staps	455
latexindent	Indent a L <sup>A</sup> T <sub>E</sub> X document, highlighting the programming structure	Hughes	262
latexinfo	Texinfo for L <sup>A</sup> T <sub>E</sub> X 2.09	Clarkson, Stallman	180
latexmake	L <sup>A</sup> T <sub>E</sub> X Makefile	McLean, Musliner, Sun	340
latexmk	Fully automated L <sup>A</sup> T <sub>E</sub> X document generation	Collins, McLean, Musliner	183
LaTeXMng	An integrated development environment for Windows	Vabishchevich	508
latexMP	Interface for L <sup>A</sup> T <sub>E</sub> X-based typesetting in MetaPost	Morawski	350
latexn	Run L <sup>A</sup> T <sub>E</sub> X as many times as needed	Collins	182
latexpand	Expand \input and \include in a L <sup>A</sup> T <sub>E</sub> X document	Moy, Musliner, Lovell	351
LaTeXPiX	L <sup>A</sup> T <sub>E</sub> X picture editor for Windows	van Beurden	151
latexrelease	L <sup>A</sup> T <sub>E</sub> X release emulation	L <sup>A</sup> T <sub>E</sub> X Team	487
LatexRender	Use L <sup>A</sup> T <sub>E</sub> X in PHP programs	Mayer, Zeiss	338
LaTeX-WIDE	Multifunctional editor for L <sup>A</sup> T <sub>E</sub> X	Lubenets	323
latexwizard	Create the header of a L <sup>A</sup> T <sub>E</sub> X document	Willadt	533
latin	Latin language definition for Babel	Beccari	144
latin1jk	Inputenc encoding for verbatim ISO 8859-1 use	Knappen	289
latin2jk	Inputenc encoding for verbatim ISO 8859-2 use	Knappen	289
latin3jk	Inputenc encoding for verbatim ISO 8859-3 use	Knappen	289
latino-sine-fle...	L <sup>A</sup> T <sub>E</sub> X support for documents written in Peano's Interlingua	Leve	314
lato	Lato font family and L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Dziedzic	349
Layaureo	A package to improve the A4 page layout	Busdraghi	167
layout	View the layout of a document	McPherson, Braams, Umeki, L <sup>A</sup> T <sub>E</sub> X Team	340
layouts	Display various elements of a document's layout	Robertson, Wilson	410
lazylist	Lists in T <sub>E</sub> X's "mouth"	Jeffrey	269
lb2-examples	Examples from "Der L <sup>A</sup> T <sub>E</sub> X Begleiter"	Mittelbach	346
lccaps	Lowercased (spaced) small capitals	Giannotti	225
lcd	Alphanumerical LCD-style displays	Kaufmann	277



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
LCDF-typetools	A bundle of outline font manipulation tools	Kohler	293
lcg	Generate random integers	Janka	268
lcircuit	Circuit symbols for use in L <sup>A</sup> T <sub>E</sub> X picture mode	Johnstone	271
lcyw	Make Classic Cyrillic CM fonts accessible in L <sup>A</sup> T <sub>E</sub> X	Lidovski	315
ldiff	A script for marking the differences between two L <sup>A</sup> T <sub>E</sub> X files	Tsur	495
leading	Define leading with a length	Robertson	408
leadsheets	Typesetting leadsheets and songbooks	Niederberger	361
leaflet	Create small handouts (flyers)	Schmidt, Niepraschk, Gäßlein, Schlegelmilch	430
leawood	L <sup>A</sup> T <sub>E</sub> X support for use of ITC Leawood font family	Pakin	379
lebhart	Write your articles in a colorful way	XU	541
lecturer	On-screen presentations for (almost) all formats	Isambert	264
lectures	A document class for quickly drafting nice looking lecture notes	Cappelletti	168
lectureslides	Combine single PDF files into one file	Zhang	549
LEd	An environment for L <sup>A</sup> T <sub>E</sub> X document development	Deorowicz, Skorczynski	191
ledarab	Typeset scholarly editions in arabic	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	536
ledmac	Typeset scholarly editions	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	536
ledpar	Typeset scholarly editions in parallel texts	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	536
leftidx	Left and right subscripts and superscripts in math mode	Harders	245
leftindex	Left indices with better spacing	Ørsted	376
LElletter	A letter class for Leiden University	Kreutzer	299
leipzig	Typeset and index linguistic gloss abbreviations	Weber	528
lengthconvert	Express lengths in arbitrary units	Daniel	188
letgut	Class for the newsletter “La Lettre GUTenberg” of the French T <sub>E</sub> X User Group GUTenberg	Association GUTenberg	136
letltxmacro	Let assignment for L <sup>A</sup> T <sub>E</sub> X macros	Oberdiek	369
letter-plain	Letter macros for Plain T <sub>E</sub> X	Unknown	502
letter	The standard L <sup>A</sup> T <sub>E</sub> X2e letter document class	Lamport, Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	307
letter1	Letter formatting macros	Unknown	502
lettergothic	The Adobe Type 1 font family Letter GothicType	URW GmbH, Schmidt, Harcombe	507
lettermac	Simple macros for writing letters (Plain T <sub>E</sub> X)	Smith	448
letterspacing	Letter spacing	Taylor	475
letterswitharrows	Draw arrows over math letters	Teegen	476
lettre	Letters and faxes in French	Mégevand, Belaïche	341
lettrine	Typeset dropped capitals	Flipo	214
levy-font	Fonts for typesetting classical greek	Levy, Wujastyk, Wonneberger	314
levy-latex	Macros for using Silvio Levy’s Greek fonts	Dafferner	186
lewis	Draw Lewis structures	Horvath	259
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	427
lexikon	Macros for a two language dictionary	Kielhorn	281
lexitex	Footnote-style citations for law journals	Bennett	149
lexref	Convenient and uniform references to legal provisions	Vion	516
lertext	Typesetting legal documents using plain T <sub>E</sub> X	Horne	259
lfb	A Greek font with normal and bold variants	Field	211
lfonts-ams	Use AMS fonts as standard L <sup>A</sup> T <sub>E</sub> X 2.09 fonts	Fuchs	220
lgc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion	Rahtz	398

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lgc2-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion, second edition	Mittelbach, Rahtz	347
lgraph	A program to generate graphs	Podar	392
lgreek	L <sup>A</sup> T <sub>E</sub> X macros for using Silvio Levy's Greek fonts	Murphy	355
lgrind	Produce beautiful listings of source code with L <sup>A</sup> T <sub>E</sub> X	Piefel	388
lgrmath	Use LGR-encoded fonts in math mode	Burnol	165
lgrx	Obsolete package for Greek in text	Milde	344
lh	Cyrillic fonts that support L <sup>A</sup> T <sub>E</sub> X standard encodings	Khodulev, Lapko, Berdnikov, Volovich	281
lhcyr	A non-standard Cyrillic input scheme	Zhytnikov	550
lhelp	Miscellaneous helper packages	Kuhlmann	301
libertine-legacy	Linux Libertine fonts for (La)TeX and pdf(La)TeX users	Tennent, Niedermair	481
libertine-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Libertine family of fonts	Tennent	478
libertine	Use of Linux Libertine and Biolinum fonts with L <sup>A</sup> T <sub>E</sub> X	Tennent	478
libertinegc	Libertine add-on to support Greek and Cyrillic	Sharpe	440
libertineotf	Linux Libertine fonts for use with Lua(La)TeX and Xe(La)TeX	Gundlach, Niedermair	240
libertinus-fonts	The Libertinus font family	Hosny, MacLennan	260
libertinus-otf	Support for Libertinus OpenType	Voß	520
libertinus-type1	Support for using Libertinus fonts with L <sup>A</sup> T <sub>E</sub> X/pdfLaTeX	Tennent	478
libertinus	Wrapper to use the correct libertine package according to the used T <sub>E</sub> X engine	Voß	520
LibertinusT1Math	A Type 1 font and L <sup>A</sup> T <sub>E</sub> X support for Libertinus Math	Sharpe	440
libgreek	Greek letters in math mode from Libertinus or Linux Libertine/Biolinum	Burnol	165
librarian	Tools to create bibliographies in T <sub>E</sub> X	Isambert	264
librebaskerville	The Libre Baskerville family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
librebodoni	Libre Bodoni fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
librecaslon	Libre Caslon fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
librefranklin	L <sup>A</sup> T <sub>E</sub> X support for the Libre-Franklin family of fonts	Tennent	479
libris	Libris ADF fonts, with L <sup>A</sup> T <sub>E</sub> X support	Harendal, Rees	246
lie-hasse	Draw Hasse diagrams	McKay	339
lifia-th	A thesis class for LIFIA, Grenoble	Pfister	387
liftarm	Draw liftarms	Floré	215
LigaTeX	Remove unnecessary ligatures	Killesreiter	282
Light LaTeX Make	l <sup>l</sup> mk: A build tool for L <sup>A</sup> T <sub>E</sub> X documents	Asakura	136
ligtype	Comprehensive ligature suppression functionalities	Kelkel	277
lilyglyphs	Access lilypond fragments and glyphs, in L <sup>A</sup> T <sub>E</sub> X	Liska	317
limap	Typeset maps and blocks according to the Information Mapping® method	Neugebauer	359
limecv	A (Xe/Lua)L <sup>A</sup> T <sub>E</sub> X document class for curriculum vitæ	Pieters	389
linearA	Linear A script fonts	Syropoulos	466
linearb	Linear B script used in the Bronze Age for Mycenaean Greek	Wilson	534
linebreaker	Prevent overflow boxes with LuaLaTeX	Hoftich	257
linegoal	A “dimen” that returns the space left on the line	Chervet	177
lineno	Line numbers on paragraphs	Böttcher, Lück, Wette	157
linenoamsmath	Use the lineno package together with amsmath	Wette	531
ling-macros	Macros for typesetting formal linguistics	McKenzie	340
lingtrees	Linguistics trees preprocessor and macros	Andrews	131
linguex	Format linguists' examples	Sternefeld	457
linguisticspro	LinguisticsPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
linop	Typeset linear operators as they appear in quantum theory or linear algebra	Weytjens	531
linsys	Typeset systems of linear equations	Kehowski	277
lintex	Tidy up after a T <sub>E</sub> X run	Loreti, Kavanagh	323
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	194

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lips	Text ellipses in L <sup>A</sup> T <sub>E</sub> X	Swift	465
lipsum	Easy access to the Lorem Ipsum and other dummy texts	Happel, Oleinik	244
lisp-on-tex	Execute LISP code in a L <sup>A</sup> T <sub>E</sub> X document	Shizuya	443
list	List ASCII text files	Knuth	291
listbib	Lists contents of BibTeX files	Kuhlmann	302
listing-pln	Almost-verbatim list programs	Toby	492
listing	Produce formatted program listings	Kuhlmann, Hebley	302
listings-ext	Automated input of source	Hoffman	256
listings	Typeset source code listings using L <sup>A</sup> T <sub>E</sub> X	Hoffmann, Moses, Heinz	257
listingsutf8	Allow UTF-8 in listings input	Oberdieck	369
listbls	Creates a list of all labels used throughout a document	Melzer	342
listliketab	Typeset lists as tables	Pakin	379
listofanswers	Provide a list of answers to mathematical problems	Ipanaque	264
listofitems	Grab items in lists using user-specified sep char	Tellechea, Segletes	476
listofsymbols	Create and manipulate lists of symbols	Spreng	453
literate	A literate programming system, not tied to any language	Schrod	433
literaturnaya	The Literaturnaya family of fonts	ParaGraph International, Volovich, Malyarenko	382
lithuanian	Lithuanian language support	Tolušis	492
liturg	Support for typesetting Catholic liturgical texts	Goodman	230
ljmetrics	Metrics for Laserjet built-in fonts	Walsh	526
lkort	A short introduction to L <sup>A</sup> T <sub>E</sub> X, in Dutch	van Oostrum	376
LKproof	LK Proof figure macros	Tatsuta	474
llist	List ASCII text files in landscape	Knuth	291
llncs	Document class and bibliography style for Lecture Notes in Computer Science (LNCS)	Richter	405
llncs209	Macros for Springer books	Unknown	502
llncsconf	L <sup>A</sup> T <sub>E</sub> X package extending Springer's llncs class	Brucker	162
lm-math	OpenType maths fonts for Latin Modern	Jackowski, Pianowski, Strzelczyk	266
lm	Latin modern fonts in outline formats	Jackowski, Nowacki	265
lmacs	A simple package for including support files	Story	460
lmake	Process lists to do repetitive actions	Pan	381
lms	L <sup>A</sup> T <sub>E</sub> X 2.09 style for LMS journals	Garling, Mulvey, Woollatt	223
ln03dvi	DVI to LN03 driver	Thomas	489
lni	Official class for the "Lecture Notes in Informatics"	Sievers	445
lobster2	Lobster Two fonts, with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	479
locality	Various macros for keeping things local	Gross	238
localloc	Macros for localizing T <sub>E</sub> X register allocations	Raichle	399
logbox	e-TeX showbox facilities for exploration purposes	Chervet	177
logfilter	Choose what you want to see of a (La)TeX log	Graversen	234
loggates	A small font for logic gates, and L <sup>A</sup> T <sub>E</sub> X support	Verwer	512
logic	A font for electronic logic design	Simpson	446
logical-markup-...	Packages for language-dependent inline quotes and dashes	Masłowski	335
logicproof	Box proofs for propositional and predicate logic	Davidson	189
logicpuzzle	Typeset (grid-based) logic puzzles	Kleber	285
logix	Supplement to the Unicode math symbols	Finney	213
logpap	Generate logarithmic graph paper with L <sup>A</sup> T <sub>E</sub> X	Kaufmann	277
logreq	Support for automation of the L <sup>A</sup> T <sub>E</sub> X workflow	Lehman	311
logsys	Draw logarithmic coordinate systems	Hansen	243
lollipop	TeX made easy	Eijkhout, Khalighi, bidi-tex GitHub Organisation	202
longdiv	Long division arithmetic problems	Arseneau	133
longdivision	Typesets long division	Chatham	175

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
longfbox	Draw framed boxes with standard CSS attributes that can break over multiple pages	Leijen	312
longfigure	Provides a figure-like environment that break over pages	Arnold	132
longnamefilelist	Tidy \listfiles with long file names	Lück	325
longtable	Allow tables to flow over page boundaries	Carlisle, Kastrup, L <sup>A</sup> T <sub>E</sub> X Team	171
longtocline	Macros to produce a table of contents	Unknown	502
lookbibtex	Tools for examining BibTeX files	Heidemann	249
loops	General looping macros for use with L <sup>A</sup> T <sub>E</sub> X	Musa	356
losymbol	Defines a mechanism for producing a list of symbols	van Dooren	194
lout	An alternative typesetting system	Kingston	284
loval	Round-cornered framed boxes	Schalück	424
lparse	A Lua module for parsing key-value options	Friedrich	220
lpform	Typesetting linear programming formulations and sets of equations	Waltman	527
lpic	Put L <sup>A</sup> T <sub>E</sub> X material over included graphics	Matveev	337
lplfitch	Fitch-style natural deduction proofs	Zach	546
lps	Class for "Logic and Philosophy of Science"	Cevolani	174
lpw	A literate programming environment for Macs	Lindenberg	316
lroundrect	L <sup>A</sup> T <sub>E</sub> X macros for utilizing the roundrect MetaPost routines	Goodman	230
lsabon	Support files for the Linotype Sabon fonts	Veytsman	514
lsc	Typesetting Live Sequence Charts	Westphal	530
lscope	Place selected parts of a document in landscape	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
lshort-bulgarian	Bulgarian translation of the "Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e"	Karakoleva	275
lshort-czech	Czech translation of the "Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e"	Madr, Stríž, Oetiker	330
lshort-dutch	Introduction to L <sup>A</sup> T <sub>E</sub> X in Dutch	Becuwe, Windels, Oetiker	145
lshort-english	A (Not So) Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Oetiker	373
lshort-estonian	Estonian introduction to L <sup>A</sup> T <sub>E</sub> X	Palm	380
lshort-finnish	Finnish introduction to L <sup>A</sup> T <sub>E</sub> X	Hellgren	250
lshort-french	Short introduction to L <sup>A</sup> T <sub>E</sub> X, French translation	Colin, Pégourié-Gonnard, Oetiker	182
lshort-german	German version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e: Kurzbeschreibung	Schmidt, Gundlach, Daniel	428
lshort-italian	Introduction to L <sup>A</sup> T <sub>E</sub> X in Italian	GuIT (Gruppo Utilizzatori Italiani di TeX), Beccari, Bilotta	239
lshort-japanese	Japanese version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Masataka	335
lshort-korean	Korean introduction to L <sup>A</sup> T <sub>E</sub> X	Kim, Cho	283
lshort-mongol	Short introduction to L <sup>A</sup> T <sub>E</sub> X, in Mongolian	Batumongke	141
lshort-mongolian	Short introduction to L <sup>A</sup> T <sub>E</sub> X 2.09, Mongolian translation	Dorj, Corff	194
lshort-persian	Persian (Farsi) introduction to L <sup>A</sup> T <sub>E</sub> X	Omidali, Oetiker	375
lshort-polish	Introduction to L <sup>A</sup> T <sub>E</sub> X in Polish	Goldasz, Kubiak, Przechlewski, Serwin	229
lshort-portugue...	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese (Brazil)	Polli	392
lshort-portuguese	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese	Simões	446
lshort-russian	Russian introduction to L <sup>A</sup> T <sub>E</sub> X	Tobotras	492
lshort-slovak	Slovak introduction to L <sup>A</sup> T <sub>E</sub> X	Busa, Oetiker	166
lshort-slovenian	Slovenian translation of lshort	Plestenjak	391
lshort-spanish	Short introduction to L <sup>A</sup> T <sub>E</sub> X, Spanish translation	Carleos Arttime, Rivera, Vela	135
lshort-thai	Introduction to L <sup>A</sup> T <sub>E</sub> X in Thai	Visavakul, Oetiker	516
lshort-turkish	Turkish introduction to L <sup>A</sup> T <sub>E</sub> X	Karaoglu, Oetiker	275
lshort-ukr	Ukrainian version of the L <sup>A</sup> T <sub>E</sub> X introduction	Polyakov	392
lshort-vietnamese	Vietnamese version of the L <sup>A</sup> T <sub>E</sub> X introduction	Nguyen	360
lshort-zh-cn	Introduction to L <sup>A</sup> T <sub>E</sub> X, in Chinese	Xing, Stuart, Zeng	540
lshort	A short introduction to L <sup>A</sup> T <sub>E</sub> X 2e	Oetiker	373
lstaddons	Add-on packages for listings: autogobble and line background	Scharrer	425

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lstbayes	Listings language driver for Bayesian modeling languages	Arnold	132
lstfiracode	Use Fira Code font for listings	Zhang	549
lt3graph	Provide a graph datastructure for experimental L <sup>A</sup> T <sub>E</sub> X3	Helvensteijn	250
lt3luabridge	Execute Lua code in any T <sub>E</sub> X engine that exposes the shell	Novotný	365
lt3rawobjects	Objects and proxies in L <sup>A</sup> T <sub>E</sub> X3	De Donato	194
ltablex	Table package extensions	Goel	228
ltabptch	Bug fix for longtable	Lück	325
ltb2bib	Converts amsrefs' .ltb bibliographical databases to BibT <sub>E</sub> X format	Bartholdi	141
lrcaption	Fix some caption problems in longtables	Sommerfeldt	450
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	347
ltoh	A converter from L <sup>A</sup> T <sub>E</sub> X to HTML	Quong	396
lth	Example code for "L <sup>A</sup> T <sub>E</sub> X Tipps und Tricks" book	Klöckl	288
ltx2mathml	Convert L <sup>A</sup> T <sub>E</sub> X math to MathML	Frane Jr	273
ltx2rtf	A conversion program from L <sup>A</sup> T <sub>E</sub> X to Rich Text Format	Dorner, Granzer, Taupin	194
ltx2x	Replace L <sup>A</sup> T <sub>E</sub> X commands in a document by user-defined strings	Wilson	534
ltx3pub	Early publications of the L <sup>A</sup> T <sub>E</sub> X project	Mittelbach, Rowley	347
ltx4yt	Play YouTube videos in the default browser	Story	461
ltxcmds	Some L <sup>A</sup> T <sub>E</sub> X kernel commands for general use	Oberdiek	370
ltxdiff	A Win32 program that compares tokens in two .tex files	Becker	145
ltxdoc	Class for documented L <sup>A</sup> T <sub>E</sub> X macro files	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
ltxdockit	Documentation support	Lehman	311
ltxfileinfo	Print version information for a L <sup>A</sup> T <sub>E</sub> X file	Dekker	189
ltxgrid	Control of the page grid	Ogawa	373
ltxguidex	An extended ltxguide class	Turner	496
ltximg	Extract L <sup>A</sup> T <sub>E</sub> X environments into separate image files	González Luengo	327
ltxindex	A L <sup>A</sup> T <sub>E</sub> X package to typeset indices with GNU's Texindex	Rivera	407
ltxinput	Find files input by a document	Green	235
ltxkeys	A robust key parser for L <sup>A</sup> T <sub>E</sub> X	Musa	356
ltxmisc	Miscellaneous L <sup>A</sup> T <sub>E</sub> X packages, etc	Unknown	502
ltxnew	A simple means of creating commands	Chervet	177
ltxtable	Longtable and tabularx merge	Carlisle	169
ltxtools	A collection of L <sup>A</sup> T <sub>E</sub> X API macros	Musa	356
ltxutil	L <sup>A</sup> T <sub>E</sub> X utility macros	Ogawa	373
lua-alt-getopt	Process application arguments the same way as getopt_long	Cheusov, Hosny	178
lua-check-hyphen	Mark hyphenations in a document, for checking	Gundlach	239
lua-physical	Functions and objects for the computation of physical quantities	Jenni	270
lua-tinyyaml	A tiny YAML (subset) parser for pure Lua	Lee	311
lua-typo	Highlighting typographical flaws with LuaL <sup>A</sup> T <sub>E</sub> X	Flipo	214
Lua-UCA	Unicode Collation Algorithm library for Lua	Hoftich	257
LuauL	Underlining for LuaL <sup>A</sup> T <sub>E</sub> X	Krüger	301
lua-uni-algos	Unicode algorithms for LuaT <sub>E</sub> X	Krüger	300
lua-visual-debug	Visual debugging with LuaL <sup>A</sup> T <sub>E</sub> X	Gundlach	239
lua-widow-control	Automatically remove widows and orphans from any document	Chernoff	176
lua2dox	Auto-documentation of lua code	Dales	187
luaaddplot	An extension to pgfplots' \addplot macro	Kotucha	298
luabibentry	Repeat BibT <sub>E</sub> X entries in a LuaL <sup>A</sup> T <sub>E</sub> X document body	Kopp	297
luabidi	Bidi functions for LuaT <sub>E</sub> X	Khalighi, Rosendahl, bidi-tex GitHub Organisation	280
luacas	A computer algebra system for users of LuaL <sup>A</sup> T <sub>E</sub> X	All, Cochrane	130
luacensor	Securely redact sensitive information using Lua	Granet	233
luacode	Helper for executing lua code from within T <sub>E</sub> X	Pégourié-Gonnard	385
luacolor	Color support based on LuaT <sub>E</sub> X's node attributes	Oberdiek	370
luacomplex	Operations on complex numbers inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	178



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
luafindfont	Search fonts in the LuaTeX font database	Voß	520
luagcd	Computation of gcd of integers inside L <sup>A</sup> T <sub>E</sub> X using Lua	Chetan Shirore and Ajit Kumar	178
luahttp	Compile-time internet-interactive PDF-documents using Lua and LuaTeX	Casaburi	172
luahyphenrules	Loading patterns in LuaL <sup>A</sup> T <sub>E</sub> X with language.dat	Bezoz López	319
luaimageembed	Embed images as base64-encoded strings	Sachs	422
luaindex	Create index using LuaLaTeX	Kohm	294
luainputenc	Replacing inputenc for use in LuaTeX	Roux, Pégourié-Gonnard	418
luaintro	Examples from the book “Einführung in LuaTeX und LuaLaTeX”	Voß	520
luakeys	A Lua module for parsing key-value options	Friedrich	220
lua <sup>A</sup> TeX-doc-de	Guide to LuaL <sup>A</sup> T <sub>E</sub> X (German translation)	Pégourié-Gonnard, Römer	386
lua <sup>A</sup> TeX-doc	A guide to use of L <sup>A</sup> T <sub>E</sub> X with LuaTeX	Pégourié-Gonnard	385
lua <sup>A</sup> TeX-math	Fixes for mathematics-related LuaL <sup>A</sup> T <sub>E</sub> X issues	Stephani	457
luaLaTeX-platform	Load platform-specific code into LuaTeX	Stephani	457
lua <sup>A</sup> TeX-truncate	A wrapper for using the truncate package with LuaLaTeX	Friedl	219
lua <sup>A</sup> libs	Additional Lua functions for LuaTeX macro programmers	Roux, Gesang, L <sup>A</sup> T <sub>E</sub> X Team	418
lua <sup>A</sup> linalg	A linear algebra package for L <sup>A</sup> T <sub>E</sub> X	Chetan Shirore and Ajit Kumar	178
luamathalign	More flexible alignment in amsmath environments	Krüger	300
luamaths	Provide standard mathematical operations inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	178
luamesh	Computes and draws 2D Delaunay triangulation	Chupin	180
luamodulartables	Generate modular addition and multiplication tables	Chetan Shirore and Ajit Kumar	178
luamplib	Use LuaTeX’s built-in MetaPost interpreter	Hagen, Hoekwater, Roux, Pégourié-Gonnard, Gesang, Kim	241
luaoptions	Option handling for LuaL <sup>A</sup> T <sub>E</sub> X packages	Peron	386
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	418
lua <sup>A</sup> packageloader	Allow LuaTeX to load external Lua packages	Jois	271
lua <sup>A</sup> prohtable	Programmable table interface for LuaLaTeX	Xiang	540
lua <sup>A</sup> pstricks	A PStricks backend for LuaLaTeX	Krüger	300
luaquotes	Smart setting of quotation marks	Granet	233
luarandom	Create lists of random numbers	Voß	520
lua <sup>A</sup> set	Set Operations inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	178
lua <sup>A</sup> seq	Drawing spectral sequences in LuaLaTeX	Bauer	142
lua <sup>A</sup> TeX-def	LuaTeX option file for color and graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
lua <sup>A</sup> TeX-pkg	Basic definitions for LuaTeX	Oberdiek	370
lua <sup>A</sup> TeX	The LuaTeX engine	The LuaTeX Team	484
lua <sup>A</sup> TeX85	pdfTeX aliases for LuaTeX	Carlisle, Wright, L <sup>A</sup> T <sub>E</sub> X Team	172
lua <sup>A</sup> TeXbase	Basic resource management for LuaTeX code	Pégourié-Gonnard, Gesang, Roux, Carlisle, Wright	385
lua <sup>A</sup> TeXja	Typeset Japanese with Lua(La)TeX	Kitagawa	284
lua <sup>A</sup> TeXko	Typeset Korean with Lua(La)TeX	Kim, Nam	282
lua <sup>A</sup> TeXtra	Additional macros for Plain T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X in LuaTeX	Roux, Pégourié-Gonnard	418
lua <sup>A</sup> TeXdonotes	Add editing annotations in a LuaL <sup>A</sup> T <sub>E</sub> X document	Lipp	317
lua <sup>A</sup> TeXtruth	Generate truth tables of boolean values in LuaLaTeX	Chetan Shirore and Ajit Kumar	178
lua <sup>A</sup> TeXvlna	Prevent line breaks after single letter words, units, or academic titles	Hoftich	257

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
luaxml	Lua library for reading and serialising XML files	Hoftich	258
lucida-otf	Support for the Lucida Bright fonts (OpenType)	Voß	520
lucida	Metrics, etc., for Lucida Bright and Lucida Math	Schmidt, Harcombe	429
lucidabr	PSNFSS support for Lucida Type 1 fonts	TUG Lucida Support Group	496
lucold	Use old-style digits with Lucida fonts	Loreti	323
lug	Create and edit T <sub>E</sub> X Local User Group web pages	Dekker	189
lutabulartools	Some useful LuaLaTeX-based tabular tools	Ewasiuk	206
LuxiMono	Free monospace fonts	Schmidt, Harcombe, Bigelow, Holmes	430
lwarp	Converts L <sup>A</sup> T <sub>E</sub> X to HTML	Dunn	198
lwc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Web Companion	Rahtz	398
LXfonts	Set of slide fonts based on CM	Beccari	144
lxmail	A letter-generator that produces L <sup>A</sup> T <sub>E</sub> X output	Fasada	209
ly1	Support for LY1 L <sup>A</sup> T <sub>E</sub> X encoding	Carlisle, Schmidt, Berry	171
lyluatex	Commands to include lilypond scores within a (Lua)L <sup>A</sup> T <sub>E</sub> X document	Peron, The Gregorio Project	387
lyx	Document processor based on L <sup>A</sup> T <sub>E</sub> X	Ettrich	205
<b>MMMMM</b>			
m-pictex	Enable PicTeX to run with L <sup>A</sup> T <sub>E</sub> X	Burnus	166
M-Tx	A preprocessor for pmx	Tennent, Laurie	481
m3D	Extension of plain MetaPost for 3D graphics	Phan	387
maad	Mathematical Approximations and Documentation	Watson, Jr	247
mab2bib	Converter tools: MAB to BibTeX and UTF-8 to L <sup>A</sup> T <sub>E</sub> X ASCII	Ramm	400
macbibtex	BibTeX for the Macintosh	Darley	188
macfont	Convert Apple type 1 fonts for use under Windows	Walsh	526
macrolist	List operations for L <sup>A</sup> T <sub>E</sub> X2e	Chen	175
macros2e	A list of internal L <sup>A</sup> T <sub>E</sub> X2e macros	Scharrer	425
macroswap	Swap the definitions of two L <sup>A</sup> T <sub>E</sub> X macros	Lee	311
mactex-basic	A basic T <sub>E</sub> X distribution for the Macintosh	TUG TWG-MacTeX	496
mactex	The T <sub>E</sub> X Live Mac distribution	TUG TWG-MacTeX	496
mactextras	Extras for the MacTeX distribution	TUG TWG-MacTeX	496
mactotex	Convert "Macintosh PostScript" for use with T <sub>E</sub> X	Fedor	209
mafr	Mathematics in accord with French usage	Obrecht	373
magaz	Magazine layout	Arseneau	133
magic	A font to go with the Magic(TM) game	Dörntge	194
magicnum	Access T <sub>E</sub> X systems' "magic numbers"	Oberdiek	370
magicwatermark	An easy and flexible way to set watermarks	Guo	240
magra	The Magra font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
mahjong	Typeset Mahjong Tiles using MPSZ Notation	Schmitz	430
mailing	Macros for mail merging	Braams	158
mailmerge	Repeating text field substitution	Frasson	218
make-env	Print USPS standard envelopes	Smith	449
make_latex	L <sup>A</sup> T <sub>E</sub> X Makefile	Beasley	143
make4ht	A build system for tex4ht	Hoftich	258
makebarcode	Print various kinds 2/5 and Code 39 bar codes	Wagner	525
makebase	Typeset counters in a different base	Flynn	216
makebox	Defines a \makebox* command	Harders	246
makecell	Tabular column heads and multilined cells	Lapko	308
MakeCirc	A MetaPost library for drawing electrical circuit diagrams	Bustamante Argañaraz	132
makecmds	The new \makecommand command always (re)defines a command	Robertson, Wilson	410
makecookbook	Make a Cookbook	Murphy, D'Amico	355
makedoc	Preprocessing documentation with T <sub>E</sub> X	Lück	325
makedtx	Perl script to help generate dtx and ins files	Talbot, Belaïche	473
makefonts	Shell scripts to generate bitmaps from Metafont sources	Kuhlmann	302
makeglos	Include a glossary into a document	Henlich	252
MakeGlossariesGUI	Java GUI alternative to makeglossaries script	Talbot	472

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	487
makeindex	Process index output to produce typesettable code	Chen, Beebe	176
makeindexk	Makeindex development sources	Chen, T <sub>E</sub> XLive	176
makelabels	Add a ‘makelabels’ feature to KOMA-Script letter classes and package	Kohm	294
makeplot	Easy plots from Matlab in L <sup>A</sup> T <sub>E</sub> X	Vila-Forcén	516
makeprog	A literate system for T <sub>E</sub> X programming	Schrod	433
maker	Include Arduino or Processing code in L <sup>A</sup> T <sub>E</sub> X documents	Lagos Suárez	463
makeroast	Making a macro robust (legacy package)	Oberdiek	370
makeroast209	Make an existing L <sup>A</sup> T <sub>E</sub> X command robust	Carlisle	169
makeshape	Declare new PGF shapes	Robson	411
maketable	Convert Word or Excel tables to T <sub>E</sub> X tabular structures	Maier	332
Makor 2	Typeset pointed Hebrew using Omega	Hoenig	256
malayalam-latex	L <sup>A</sup> T <sub>E</sub> X for Malayalam	Alex	129
malayalam-obsolete	Fonts for typesetting Malayalam, with a pre-processor	Hellingman	250
malayalam-omega	Typesetting Malayalam using Omega	Alex	129
maltese	Support input in Maltese	Farrugia	209
malvern	A sans-serif font family	Cugley	186
mandel	Compute the Mandelbrot set	Unknown	502
mandi	Macros for introductory physics and astronomy	Heafner	248
manfnt	L <sup>A</sup> T <sub>E</sub> X support for the T <sub>E</sub> X book symbols	Kielhorn	281
manjutex	Manju language support	Corff	183
manpage	Man pages in L <sup>A</sup> T <sub>E</sub> X	Chen	176
manual	Knuth’s “manual” fonts	Knuth, Hoekwater	292
manual209	A document style for manuals	Nieland	362
Manuscript	Emulate look of a document typed on a typewriter	Cepl	173
manyfoot	Adds footnote levels to standard L <sup>A</sup> T <sub>E</sub> X’s footnote mechanism	Rozhenko	419
manyind	Provides support for many indexes	van der Kallen	274
mapcodes	Support for multiple character sets and encodings	Piotrowski	391
maple	Styles and examples for the MAPLE newsletter	Unknown	502
marathi	Typeset Marathi language using X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X or LuaL <sup>A</sup> T <sub>E</sub> X	Unknown	502
Marcellus	Marcellus fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
margbib	Display bibitem tags in the margins	Tinnefeld	491
marginal	Extensions to \marginpar handling	Tolušis	492
marginfit	Improved margin notes	Leclaire	309
marginfix	Patch \marginpar to avoid overfull margins	Hicks	254
marginnote	Notes in the margin, even where \marginpar fails	Kohm	294
marginnote	Make numbered notes in the margin	Greenwade	236
markdown	Converting and rendering markdown documents inside T <sub>E</sub> X	Novotný	365
marnote	Place text in the margin of a document	McCauley	338
marvosym	Martin Vogel’s Symbols (marvosym) font	Henlich, Vogel, Miklaveč	252
matapli	Class for the french journal “MATAPLI”	Chupin	180
matc3	Commands for MatematicaC3 textbooks	Vrettos	524
matc3mem	Class for MatematicaC3 textbooks	Vrettos	524
match_parens	Find mismatches of parentheses, braces, (angle) brackets, in texts	Dekker	189
math-e	Examples from the book Typesetting Mathematics with L <sup>A</sup> T <sub>E</sub> X	Voß	520
math-into-latex-4	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, 4th Edition	Grätzer	234
mathabx-type1	Outline version of the mathabx fonts	Hotta	261
mathabx	Three series of mathematical symbols	Phan	387
mathalpha	General package for loading maths alphabets in L <sup>A</sup> T <sub>E</sub> X	Sharpe	440
mathalphabets	Chinese introduction to mathematical alphabets	Chao	174
mathastext	Use the text font in maths mode	Burnol	165
mathbbol	Use the bbold fonts in mathematics	Knappen	289
mathcmd	Mathematics support commands	Bosisio	156
mathcommand	\newcommand-like commands for defining math macros	Colcombet	182
mathcomp	Text symbols in maths mode	Böß	157

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mathdesign	Mathematical fonts to fit with particular text fonts	Pichaureau	387
mathdots	Commands to produce dots in math that respect font size	Luecking	326
mathematica	Support for fonts distributed with Mathematica	Kuska	304
mathesatz-examples	Examples from the book "Mathematiksatz mit L <sup>A</sup> T <sub>E</sub> X"	Voß	520
mathexam	Package for typesetting exams	Hlavacek	255
mathfam256	Extend math family up to 256 for pL <sup>A</sup> T <sub>E</sub> X/upL <sup>A</sup> T <sub>E</sub> X/Lamed	Yamashita	542
mathfixs	Fix various layout issues in math mode	Beisert	147
mathfont	Use TrueType and OpenType fonts in math mode	Kosowsky	297
mathgfg	Support for Microsoft Georgia and ITC Franklin Gothic	Veytsman	514
mathinst	Merge font families to create mathematical font sets	Hoening	256
mathkit	Generate maths fonts to match outline fonts	Hoening	256
mathlig	Define maths "ligatures"	Bean	143
mathpartir	Typesetting sequences of math formulas, e.g. type inference rules	Remy	404
mathpazo	Fonts to typeset mathematics to match Palatino	Puga	395
mathpple	Use PostScript Palatino for typesetting maths	Schmidt	428
mathptm	Adobe Times Roman (or equivalent) for text and maths	Jeffrey, Rahtz, Vieth	269
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	430
mathpunctspace	Control the space after punctuation in math expressions	Kieda	281
mathrsfs	Support for using RSFS fonts in maths	Knappen	289
maths-symbols	Summary of mathematical symbols available in L <sup>A</sup> T <sub>E</sub> X	Carlisle, Fairbairns	171
mathsci2bibtex	Convert Mathsci database information to BibT <sub>E</sub> X	Zakharevich	546
mathscinet	Retrieve references from MathSciNet in BibT <sub>E</sub> X format	Tweedale	497
mathsemantics	Semantic math commands in L <sup>A</sup> T <sub>E</sub> X	Bergmann	149
MathSpad	A mathematics-capable word processor with L <sup>A</sup> T <sub>E</sub> X output	Verhoeven	511
mathspec	Specify arbitrary fonts for mathematics in XeT <sub>E</sub> X	Moschou	350
mathspic	A Perl filter program for use with PiC <sub>T</sub> E <sub>X</sub>	Syropoulos, Nickalls	467
mathstone	Use Adobe Stone Serif and Stone Sans for typesetting maths	Adrián	128
mathstyle	Manage mathematics typesetting style	Downes, Høgholm, Madsen, Robertson, Wright	195
mathtex	A CGI program to use L <sup>A</sup> T <sub>E</sub> X to put mathematics on the web	Forkosh	216
mathtime-ltx	L <sup>A</sup> T <sub>E</sub> X macros for using MathTime and MathTime Plus	Mittelbach, Carlisle	347
mathtime-metrics	MathTime AFM files	Unknown	502
mathtime-pln	Plain T <sub>E</sub> X macros for using MathTime and MathTime Plus	Lewenberg	314
mathtools	Mathematical tools to use with amsmath	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	259
MathTrip	A trip to the wonderful world of mathematics	Aubord	136
MathType	Evaluation version of a commercial equation editor	Virga, Mathews	516
matlab-prettyfier	Pretty-print Matlab source code	Cretel	185
matlabweb	Literate programming system for Matlab	Potse	393
matrix-skeleton	A PGF/TikZ library that simplifies working with multiple matrix nodes	Dudebout	197
mattns	Matrices/tensor typesetting	Els	203
mattex	Import Matlab values to L <sup>A</sup> T <sub>E</sub> X documents	Van Snick	449
maybeload	Prevent reloading of files	Unknown	502
maybemath	Make math bold or italic according to context	Buckley	163
maze	Generate random mazes	Du	197
mbboard	Comprehensive blackboard bold fonts	Phan	387
mnotes	Notes in tables or images	Borck-Elsner	155
mboxfill	Fill free space with a pattern	Rozhenko	419
mcaption	Put captions in the margin	Hennig	253
mceinleger	Creating covers for music cassettes	Benischke	148
mcexam	Create randomized Multiple Choice questions	Vannieuwenhuyze	509
mcf2graph	Draw chemical structure diagrams with MetaPost	Yamaji	541
mcite	Multiple items in a single citation	Ohl	374

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mciteplus	Enhanced multiple citations	Shell	443
mcmthesis	Template designed for MCM/ICM	Huang, Unknown, Wang	262
mctex	Convert VAXIMA output to (La)TeX code	Leangsuksun	309
mdframed	Framed environments that can split at page boundaries	Daniel, Schubert	188
mdputu	Upright digits in Adobe Utopia Italic	Veytsman	514
mdsymbol	Symbol fonts to match Adobe Myriad Pro	Schubert	434
mdvi	A DVI previewer	Atria	136
mdwfonts	A model for font manipulation	Wooding	538
mdwlist	Miscellaneous list-related commands	Wooding	538
mdwmath	Some maths extensions	Wooding	538
mdwtab	A reimplementaion of tabular and array environments	Wooding	538
mdwtools	Miscellaneous tools by Mark Wooding	Wooding	538
mecaso	Formulas frequently used in rigid body mechanics	Derrazi	191
media4svg	Multimedia inclusion for the dvisvgm backend	Grahn	232
media9	Multimedia inclusion package with Adobe Reader-9/X compatibility	Grahn	233
medstarbeamer	Beamer document class for MedStar Health Research Institute	Kumar	303
meetingmins	Format written minutes of meetings	Beitzel	148
megatape	Make cassette tape labels	Nickel	360
mem	A multilingual system for Lamed	Bezos López	319
membranecomputing	Membrane Computing notation	Orellana Martín	334
memdesign	Notes on book design	Wilson, Madsen	536
memexsupp	Experimental memoir support	Madsen	331
memhfixc	Adjustment for using hyperref in memoir documents	Wilson, Madsen	536
memo-pln	Plain T <sub>E</sub> X macros for memoranda	Unknown	503
memo2	A memo document style	McPherson	340
memo209	A memo document style	Roth	416
memoir	Typeset fiction, non-fiction and mathematical books	Wilson, Madsen	536
MemoirChapterSt...	Chapter styles in memoir class	Madsen	331
memory	Containers for data in L <sup>A</sup> T <sub>E</sub> X	Zhiwei	550
memorygraphs	TikZ styles to typeset graphs of program memory	Staps	455
mendex-doc	Documentation for Mendex index processor	Japanese T <sub>E</sub> X Team	268
mensa-tex	Typeset simple school cafeteria menus	Friedl	219
mentis	A basis for books to be published by Mentis publishers	Verweyen	512
menu	Typesetting menus	Lickert	315
menucard	Typesetting menu cards with L <sup>A</sup> T <sub>E</sub> X	Frank	218
menukeys	Format menu sequences, paths and keystrokes from lists	Weh, Spratte	529
MEP_article	Class for Mechanical Engineering Publications	Balemi	138
meper	MetaPost editor and previewer	Pan	381
mercatormap	Spherical Mercator coordinate systems and Web Mercator tile inte- gration	Sturm	463
merge	Perform mail merges in L <sup>A</sup> T <sub>E</sub> X	McKinstry	340
merriweather	Merriweather and MerriweatherSans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
messagebubbles	Display message bubbles as a conversation	Harrer	247
messagepassing	Draw diagrams to represent communication protocols	Vassor	509
meta-mode	Emacs mode for Metafont/post	Vieth	516
metafont-beginners	An introductory tutorial for Metafont	Tobin	491
Metafont	A system for specifying fonts	Knuth	291
metafp	Some Experiences in Running Metafont and MetaPost	Wilson	534
metago	MetaPost output of Go positions	Zheng	549
metainfo	Typeset document outline with metainfo	Sauer	423
metalogo	Extended T <sub>E</sub> X logo macros	Moschou	350
metalogox	Adjust T <sub>E</sub> X logos, with font detection	Dunn	198
metanorma	Write Metanorma standardization documents using LaTe	Brasolin	159
metaobj	MetaPost package providing high-level objects	Roegel	412
MetaPlot	Plot-manipulation macros for use in MetaPost	Moses	351



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
metapost-colorb...	An implementation of the colorbrewer2.org colours for MetaPost	Thurston	490
MetaPost examples	Example drawings using MetaPost	Zoonekynd	551
metapost-matlab	MetaPost data plotting in Matlab style	Yang	542
metapost	A development of Metafont for creating graphics	The MetaPost Team, Hobby	484
metastr	Store and compose strings	Beisert	147
METATeX	Incorporate Metafont pictures in T <sub>E</sub> X source	Casares	172
metatype1	Generate Type 1 fonts from MetaPost	JNS team	271
metauml	MetaPost library for typesetting UML diagrams	Gheorghies	224
method	Typeset method and variable declarations	Leineweber, Drucbert	312
metre	Support for the work of classicists	Boggio-Togna	154
metrix	Typeset metric marks for Latin text	Weh	529
mewltx	MicroEmacs for Windows L <sup>A</sup> T <sub>E</sub> X interface	Reid	403
mex	Polish formats for T <sub>E</sub> X	Jackowski, Ryćko	267
mf-ps	Metafont-PostScript conversions	Jackowski	265
mf2ps	Modification of Metafont to produce PostScript output	Yanai, Berry	542
mf2pt1	Convert stylized Metafont to PostScript Type 1	Pakin	379
mf2pt3	Create Adobe Type 3 fonts	Syropoulos	466
mf2tex	Add labels into drawings created with Metafont	Spalek	451
mfbook	The source of The Metafontbook	Knuth	291
mff-util	Metafont management	Cugley	186
mff	Multiple font formats	Berdnikov, Turtia	149
mfirstuc	Uppercase the first letter of a word	Talbot	472
mlogo-font	Metafont logo font	Knuth, Hoekwater	292
mlogo	L <sup>A</sup> T <sub>E</sub> X support for Metafont logo fonts	Vieth	516
mlogo209	Typeset the Metafont logo under L <sup>A</sup> T <sub>E</sub> X 2.09	Hosek	260
mfnfss	Packages to typeset oldgerman and pandora fonts in L <sup>A</sup> T <sub>E</sub> X	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	348
mfpic	Draw Metafont/post pictures from (La)T <sub>E</sub> X commands	Luecking, Tobin	327
mfpic4ode	Macros to draw direction fields and solutions of ODEs	Mařík	334
mftinc	Pretty-print Metafont source	Pakin	379
mftrace	Convert Metafont fonts to Adobe Type 1	Nienhuys	362
mfware	Supporting tools for use with Metafont	Knuth, Rokicki, Fuchs	293
MFWL	Making friends with L <sup>A</sup> T <sub>E</sub> X	Kumar	303
mgltex	High-quality graphics from MGL scripts embedded in L <sup>A</sup> T <sub>E</sub> X documents	Sejas Viscarra, Balakin	517
mh	Stub for the (old) ‘mh’ bundle	Høgholm, Madsen, Robertson, Wright	258
mhack	Macros for marginal notes, in Plain T <sub>E</sub> X	Walsh	526
mhchem	Typeset chemical formulae/equations and H and P statements	Hensel	253
mhequ	Multicolumn equations, tags, labels, sub-numbering	Hairer	241
mhs	Historical mathematics	Brix	161
mhsetup	The mathtools “setup” function	Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright, Høgholm	331
mi-solns	Extract solutions from exercises and quizzes	Story	461
miama	The Miama Nueva handwriting font with L <sup>A</sup> T <sub>E</sub> X support	Romer	414
MicroIMP	A T <sub>E</sub> X-based word processor	MicroPress	343
microtype-de	Translation into German of the documentation of microtype	Schröder, Schwerdtfeger	433
microtype	Subliminal refinements towards typographical perfection	Schlicht	428
Mid2TeX/Free	Convert MIDI to MusicT <sub>E</sub> X input	Köhler	293
midfloat	Mixing onecolumn and twocolumn modes at any place of page	Tolušis	492
Midi2TeX/Free	Convert MIDI to MusicT <sub>E</sub> X input	Kuykens, Verbruggen	304
midnight	A set of useful macro tools	van der Goot	231
midpage	Environment for vertical centring	Robertson, Wilson	410
mif2xfig	Conversion between Frame Maker and Xfig	Lundqvist	327
miktex-portable	A version of MikT <sub>E</sub> X to carry around	Schenk	427

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
miktex	A free $\TeX$ distribution for MS-Windows	Schenk	427
miktex_update	A cygwin bash script for automatic updating and installing new packages of MiKTeX	Kleber	285
mil	Samples from Math into $\LaTeX$	Grätzer	234
mil3	Samples from Math into $\LaTeX$ , third edition	Grätzer	234
millier	Typeset millier indices	Harders, Pedersen	246
milog	A $\LaTeX$ class for fulfilling the documentation duties according to the German minimum wage law MiLoG	Kleber	285
milstd	Generate documents according to MIL STD 490	McPherson	340
MilSymb	$\LaTeX$ package for TikZ based drawing of military symbols as per NATO APP-6(C)	Crosby	185
mimetex	Parse $\LaTeX$ math expressions and emit gif or xbitmaps	Forkosh	216
mindflow	Write your ideas in a clear way	XU	541
minibox	A simple type of box for $\LaTeX$	Robertson	408
minidocument	Creates miniature documents inside other $\LaTeX$ documents	Leclaire	309
minifp	Fixed-point real computations to 8 decimals	Luecking	327
miniltx	An abstract of $\LaTeX$ facilities for use with Plain $\TeX$	Carlisle, Berry	171
minim-hatching	Create tiling patterns with the minim-mp MetaPost processor	Renkema	404
minim-math	Extensive maths for LuaTeX	Renkema	404
minim-mp	Low-level mplib integration for LuaTeX	Renkema	404
minim-pdf	Low-level PDF integration for LuaTeX	Renkema	404
minim-xmp	Embed XMP metadata in PDF with LuaTeX	Renkema	404
minim	A modern plain format for the LuaTeX engine	Renkema	404
minimal	A trivial class, for use when testing	$\LaTeX$ Team	487
minimalist	Write your articles or books in a simple and clear way	XU	541
minion2newtx	Enable use of Minion Pro with newtx	Sharpe	440
minionpro	$\LaTeX$ support for Adobe MinionPro fonts	Blumensath	153
minipage-marginpar	Minipages with marginal notes	Ebermann	199
MiniPlot	A package for easy figure arrangement	Wahl	526
minitoc	Produce a table of contents for each chapter, part or section	Drucbert	196
minorrevision	Quote and refer to a manuscript for minor revisions	Guillaumin	239
minted	Highlighted source code for $\LaTeX$	Poore, Rudolph	392
mintspirit	$\LaTeX$ support for MintSpirit font families	Tennent	479
minutes	Typeset the minutes of meetings	Lickert	315
mirr	PostScript mirror header (for dvips)	BOP	155
mismatch	Miscellaneous mathematical macros	Missier	346
missaali	A late medieval OpenType textura font	Syrjänen	465
mitpress	Typeset documents for MIT Press	Unknown	503
mk	A $\TeX$ and $\LaTeX$ maker	Dekker	190
mkbangtex	A preprocessor for BangTeX	Ray	401
mkbib	BibTeX file creator	Banerjee	139
mkjobtexmf	Generate a texmf tree for a particular job	Oberdiek	370
mkpattern	A utility for making hyphenation patterns	Múgica de Rivera	406
mkpic	Perl interface to mfpic	Dekker	190
mkpkfontdir	Manipulate TDS directories for PK fonts	Arrouye	133
mkstmp	Provides a simple workflow for creating custom stamps	Story	461
mla-paper	Proper MLA formatting	Aycock, Wheelwright	137
mla	MLA BibTeX styles	Weissert, Shaw	530
mlacsls	$\LaTeX$ class for MLA papers	Price	394
mlbib	Support for multilingual bibliographies	Matiaske	336
mleftright	Variants of delimiters that act as maths open/close	Oberdiek	370
mlist	Logical markup for lists	Robertson	408
MLMath	Mathematical notation for Machine Learning	Ma	330
MLModern	A blacker Type 1 version of Computer Modern, with multilingual support	Miller	345

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mltex-ltx	L <sup>A</sup> T <sub>E</sub> X support for MLTeX	Raichle	399
mltex	The MLTeX system	Raichle, Ferguson	399
mluexercise	Exercises/homework at the Martin Luther University Halle-Wittenberg	Fachschaftsrat Mathematik/Informatik Uni Halle	206
mm	A jiffy Multiple Master tool	Goossens, Rahtz	231
mma2ltx	Use Mathematica graphics in a L <sup>A</sup> T <sub>E</sub> X document	Ghibo	225
mmafm	Font metrics for multiple-master font	Kohler	293
mmap	Include CMap resources in PDF files from pdfTeX	Moore	349
mmpfb	Create instance of multiple-master font	Kohler	293
mmtools	Multiple master fonts tools	Kohler	293
mnhyphn	Hyphenation patterns for Mongolian	Batumongke	142
mnotes	Margin annotation for collaborative writing	Luz	329
mnras-plain	Plain T <sub>E</sub> X macros for MNRAS	Woollatt	538
mnras	Monthly Notices of the Royal Astronomical Society	Royal Astronomical Society, Thompson, Clube	419
MnSymbol	Mathematical symbol font for Adobe MinionPro	Blumensath	153
mnttex	Tools for the "The Secret History of the Mongols"	Corff	183
modeles-facture...	Generate invoices for Belgian non-profit organizations	Sebille, Cassart	437
moderncv	A modern curriculum vitae class	Danaux, Lachnit	188
modernposter	A modern L <sup>A</sup> T <sub>E</sub> X poster theme	Derler	191
moderntimeline	Timelines for use with moderncv	Pinson	391
modes	A collection of Metafont mode_def's	Berry	150
modguide	The rules about modifying L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	487
modiagram	Drawing molecular orbital diagrams	Niederberger	361
modref	Customisation of cross-references in L <sup>A</sup> T <sub>E</sub> X	de Beaudrap	143
modroman	Write numbers in lower case roman numerals	Henel	252
modular	Relative section headings for modular documents	Sank	422
modulus	A non-destructive modulus and integer quotient operator for T <sub>E</sub> X	Goodman	230
mol2chemfig	Convert chemical structures from MDL molfile format to chemfig source code	Palmer	381
mongolian-babel	A language definition file for Mongolian in Babel	Batumongke	142
monofill	Alignment of plain text	Lück	325
monster	Obsolete name for Frankenstein	Swift	465
montex	Mongolian L <sup>A</sup> T <sub>E</sub> X	Corff	183
montserrat	Montserrat sans serif, otf and pfb, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	440
moodle	Generating Moodle quizzes via L <sup>A</sup> T <sub>E</sub> X	Hendrickson, Guerin-Kern	251
moonphase	Font for representing the phases of the moon	Brabec	159
moredefs	L <sup>A</sup> T <sub>E</sub> X defining, expansion, and debugging commands	Swift	465
moreenum	More enumeration options	Bradley	159
morefloats	Increase the number of simultaneous L <sup>A</sup> T <sub>E</sub> X floats	Hosek, Münch	260
morehelp	Improve L <sup>A</sup> T <sub>E</sub> X error messages	Kummer	303
morehype	Hypertext tools for use with L <sup>A</sup> T <sub>E</sub> X	Lück	325
moresize	Allows font sizes up to 35.83pt	Cornelssen	184
moreverb	Extended verbatim	Fairbairns, Duggan, Schöpf, Eijkhout, Carlisle	207
morewrites	Always room for a new write stream	Le Floch	215
morisawa	Enables selection of 5 standard Japanese fonts for pL <sup>A</sup> T <sub>E</sub> X + dvips	Japanese T <sub>E</sub> X Team	268
morse	Support for printing Morse code signs	Heyl	254
movement-arrows	Drawing movement arrows on linguistic example sentences	Munn	353
movie15	Multimedia inclusion package	Grahn	233
threed	3D animations	Roegel	412
mparhack	Work around a L <sup>A</sup> T <sub>E</sub> X bug in marginpars	Ulrich, Fischer	497
mparrows	MetaPost module with different types of arrow heads	Jørgensen	272
mpattern	Patterns in MetaPost	Bolek	154

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
MPchess	Drawing chess boards and positions with MetaPost	Chupin	180
mpcolornames	Extend list of predefined colour names for MetaPost	Hennig	253
mpdinbrief	An enhanced version of dinbrief	Pilzecker	390
MPedit	MetaPost text editor for Win32	Vabishchevich	508
mpfonts	Computer Modern Type 3 fonts converted using MetaPost	Miller	345
mpgraphics	Process and display MetaPost figures inline	Khalighi, bidi-tex GitHub Organisation	280
mpman-ru	A Russian translation of the MetaPost manual	Hobby, Lidovski	255
mpostinl	Embed MetaPost figures within L <sup>A</sup> T <sub>E</sub> X documents	Beisert	147
MPStoEPS	A convertor from MetaPost output to Encapsulated PostScript	Henderson	251
mptrees	Probability trees with MetaPost	Péault	384
mrcheckbib	A BibTeX file verification tool	Cagnol	167
mrrecog	Recognise un-escaped command names in maths	Wentworth	530
ms	Various L <sup>A</sup> T <sub>E</sub> X packages by Martin Schröder	Schröder, Peischl	434
msc	Draw MSC diagrams	van Deursen, Bos, Mauw, Gil Pons	191
msg	A package for L <sup>A</sup> T <sub>E</sub> X localisation	Gaulle	223
mslapa	Michael Landy's APA citation style	Landy	307
msu-thesis	Class for Michigan State University Master's and PhD theses	Munn	354
msx2msa	Simulate msxm and msym fonts using msam and msbm	Unknown	503
msym	A partial implementation of the old msym10 font	Horn	259
mt11p	Use MathTime complete under L <sup>A</sup> T <sub>E</sub> X	Lím	316
mtbe	Macros for "Mathematical T <sub>E</sub> X by Example"	Borde	155
mtex	The pioneering music-in-TeX macros	Steinbach, Schofer	456
mtgreek	Use italic and upright greek letters with mathtime	Tinnfeld	491
mtp2lite	Subset of MathTime Pro 2 font set	Spivak	452
mucproc	Conference proceedings for the German MuC-conference	Peischl	386
mugstheis	Thesis class complying with Marquette University Graduate School requirements	Gessler	224
muling	MA Thesis class for the Department of Linguistics, University of Mumbai	Unknown	503
multenum	Multi-column enumerated lists	Kletzing	287
multiaudience	Several versions of output from the same source	Veytsman	514
multibbl	Multiple bibliographies	Syropoulos	466
multibib	Multiple bibliographies within one document	Hansen	243
multibibliography	Multiple versions of a bibliography, with different sort orders	Cohen, Haralambous, Veytsman	182
multibox	Multiple boxes and frames for the picture environment	Hamilton Kelly	278
multicap	Format captions inside multicols	Vassilogiorgakis	509
multicol	Intermix single and multiple columns	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	348
multicolpar	Put successive paragraphs in different columns	Orlandini, Hailperin	376
multicolrule	Decorative rules between columns	Hagen	241
multidef	Quickly define several similar macros	Markey	334
multido	A loop facility for Generic T <sub>E</sub> X	Van Zandt, Niepraschk, Voß	547
multienv	Multiple environments using a "key=value" syntax	Scharrer	425
multiexpand	Variations on the primitive command \expandafter	Le Floch	215
multifootnote	Multiple numbers for the same footnote	XU	541
multilang	A L <sup>A</sup> T <sub>E</sub> X package for maintaining multiple translations of a document	Grewe	237
multind	Multiple indexes in L <sup>A</sup> T <sub>E</sub> X documents	Long	318
multiobjective	Symbols for multiobjective optimisation etc	Marti	334
multiple-choice	L <sup>A</sup> T <sub>E</sub> X package for multiple-choice questions	Razavian	401
multirow	Create tabular cells spanning multiple rows	van Oostrum, Leichter	376
multitoc	Set table of contents in multiple columns	Schröder, Peischl	434
munich	An alternative authordate bibliography style	Brixner	161
musical	Typeset (musical) theatre scripts	Howell	261

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
musicography	Accessing symbols for music writing with pdfLaTeX	Cashner	172
musictex	Typesetting music with T <sub>E</sub> X	Taupin	475
musikui	Easy creation of “arithmetical restoration” puzzles	Kaneko	275
musixguit	Easy notation for guitar music, in MusiXTeX	Niederberger	361
musixtex-egler	Multi-pass music typesetting	Egler, Taupin	201
musixtex-fonts	Fonts used by MusiXTeX	Tennent, Uchiyama, Taupin	481
musixtex-t1fonts	Adobe Type 1 versions of MusiXTeX fonts	Uchiyama	497
MusiXTeX	Sophisticated music typesetting	Tennent, Simons, Coulon, Morimoto, Vogel, Taupin, Egler, Mitchell	481
musixtnt	A MusiXTeX extension library that enables transformations of the effect of notes commands	Tennent	479
musuos	Typeset papers for the department of music, Osnabrück	Weh	529
muthesis	Classes for University of Manchester Dept of Computer Science	Gough	232
mversion	Keeping track of document versions	Schmeing	428
mwcls	Polish-oriented document classes	Woliński	537
mwe	Packages and image files for MWEs	Scharrer	425
mweights	Support for multiple-weight font packages	Tennent	479
mwrite	Write information to files	Creutzig	185
mx	Support for Mongolian “horizontal” (Xewtee Dorwoljin) script	Corff	183
mxedruli	A pair of fonts for different Georgian alphabets	Heinecke	249
mychemistry	Create reaction schemes with L <sup>A</sup> T <sub>E</sub> X and chemfig	Niederberger	361
mycv	A list-driven CV class, allowing TikZ decorations	Gheri	225
myfilist	Configuring the output of the \listfiles command	Lück	325
mylatex	Make a format containing a document’s preamble	Carlisle	169
mylatexformat	Build a format based on the preamble of a L <sup>A</sup> T <sub>E</sub> X file	Chervet	177
myletter	An old letter class	Kielhorn	281
mynsfc	XeL <sup>A</sup> T <sub>E</sub> X template for writing the main body of NSFC proposals	Qi	396
<b>NNNNN</b>			
na-border	Decorative borders for texts in Arabic and French	Mohamed, Laouidji	348
na-box	Arabic-aware version of pas-cours package	Mohamed	348
na-position	Tables of relative positions of curves and asymptotes or tangents in Arabic documents	Mohamed, Laouidji	348
nabatean	Font for Nabatean script	Wilson	535
nag	Detecting and warning about obsolete L <sup>A</sup> T <sub>E</sub> X commands	Schwarz	436
nahuatl	Render nahuatl glyphs	Alvarez Zavala	548
naive-ebnf	EBNF in plain text	Bugayenko	164
nameauth	Name authority mechanism for consistency in body text and index	Schaum	426
named	”Named” bibliography style	Patel-Schneider	384
namedef	TeX definitions with named parameters	Oleinik	374
namedtensor	Macros for named tensor notation	Chiang	178
nameref	Make reference to section names, etc	Oberdiek, Oberdiek Package Support Group, Rahtz	373
namespc	Rudimentary C++-like namespaces in L <sup>A</sup> T <sub>E</sub> X	Dreyer	196
namunsrt	An unsorted BibTeX style with labels provided in the database	Unknown	503
nanicolle	Typesetting herbarium specimen labels	Yang	543
nanumtype1	Type1 subfonts of Nanum Korean fonts	Kim	282
nar	BibTeX style for Nucleic Acid Research	Schneider	432
nassflow	Drawing Nassi-Shneiderman diagrams and flowcharts	Lindhout, van Geest, Braams	316
natbib	Flexible bibliography support	Daly, Ogawa	188
natded	Typeset natural deduction proofs	Ajalloeian	128
Nath	Natural mathematics notation	Marvan	335
natmove	Move punctuation following a citation	Wright, Arseneau	539
nature	Prepare papers for the journal Nature	Czochke	186



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
navigator	PDF features across formats and engines	Isambert	264
navydocs	Support for Technical Reports by US Navy Organizations	Rochford	411
nb4latex	Convert NotaBene4 to L <sup>A</sup> T <sub>E</sub> X	Milanese	344
nbaseprt	Print numbers in non-decimal bases	Harders	246
nbaskerv	Metrics and L <sup>A</sup> T <sub>E</sub> X support for ITC New Baskerville Font From Adobe	Veytsman	514
nccbbb	“Poor man’s” blackboard bold	Rozhenko	419
nccboxes	Elaborate box commands	Rozhenko	419
ncccomma	Use comma as decimal separator in mathematics	Rozhenko	419
ncccropbox	Crop-marked boxes	Rozhenko	419
ncccropmark	Draw cropmarks on the output page	Rozhenko	420
nccfancyhdr	Extensive control of page headers and footers	Rozhenko	420
nccfloats	Extensions of the L <sup>A</sup> T <sub>E</sub> X float mechanisms	Rozhenko	420
nccfoots	User-generated footnote marks	Rozhenko	420
NCC-LaTeX	An extended general-purpose class	Rozhenko	419
nccmath	Extended mathematics capabilities	Rozhenko	420
nccparskip	Modify skips between paragraphs	Rozhenko	420
nccpic	Extend the graphicx package for more formats	Rozhenko	420
nccrules	Compose dashed lines	Rozhenko	420
nccsect	A re-implementation of sections, captions and tocs	Rozhenko	420
ncctest	Insert a stretch between each token of a string	Rozhenko	420
nccthm	Another theorem environment	Rozhenko	420
ncctools	A collection of general packages for L <sup>A</sup> T <sub>E</sub> X	Rozhenko	420
nChairX	Maths macros from chair X of Würzburg University	Dippell	193
nddiss	Notre Dame Dissertation format class	Vijay, Brower	516
ndsu-thesis-2022	North Dakota State University disquisition class 2022	Cannayen	168
ndsu-thesis	North Dakota State University disquisition class	Thorne, Feickert, Totushek	490
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	213
needspace	Insert pagebreak if not enough space	Robertson, Wilson	410
NL hyphenation	Hyphenation patterns for Dutch	Tutelaers	496
nemocal	Calendar maker	Jeong	270
nestquot	Alternate quotes between double and single with nesting	Hars	247
neufont	New font installation	Lorenz	322
neuralnetwork	Graph-drawing for neural networks	Cowan	185
neuron	BibTeX style for the journal Neuron	Rizzuto	407
nevelok	L <sup>A</sup> T <sub>E</sub> X package for automatic definite articles for Hungarian	Bodo	153
newalg	Format algorithms like Cormen, Leiserson and Rivest	Farnbach, Furnanz	209
newapa	Another APA citation mechanism	Spencer, Ryu	452
newcastle-bst	A BibTeX style to format reference lists in the Harvard at Newcastle style	Briggs	160
newclude	Reimplemented \include system for L <sup>A</sup> T <sub>E</sub> X	Swift	465
newcommand	Generate new L <sup>A</sup> T <sub>E</sub> X command definitions	Pakin	380
NewComputerModern	Computer Modern fonts including matching non-latin alphabets	Tsolomit	495
newenviron	Processing an environment’s body	Musa	356
newfile	User level management of L <sup>A</sup> T <sub>E</sub> X input and output	Robertson, Wilson	410
newfloat	Define new floating environments	Sommerfeldt	451
newinsert	Reworking Plain T <sub>E</sub> X’s insert macros	Neumann	359
newlrm	Write letters, facsimiles, and memos	Thompson	490
newpax	Experimental package to extract and reinsert PDF annotations	Fischer	214
newproof	Make commands to define proofs	Piff, Fairbairns, Carlisle	390
newpx	Alternative uses of the PX fonts, with improved metrics	Sharpe	441
newsletr	Macros for making newsletters with Plain T <sub>E</sub> X	Goatley	228
newspaper	Typeset newsletters to resemble newspapers	Allen, Griffith	130
newthm	Obsolete version of ntheorem	Schlechte	427
newtx	Alternative uses of the TX fonts, with improved metrics	Sharpe	441
newtxsf	Sans-math fonts for use with newtx	Sharpe	441

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
newtxtt	Enhancement of typewriter fonts from newtx	Sharpe	441
newunicodechar	Definitions of the meaning of Unicode characters	Gregorio	237
newvbtm	Define your own verbatim-like environment	Nakashima	357
newverbs	Define new versions of <code>\verb</code> , including short verb versions	Scharrer	426
nextpage	Generalisations of the page advance commands	Robertson, Wilson	410
nexus-otf	Supporting for the Nexus OpenType or True Type Fonts	Voß	520
nfssext-cfr	Extensions to the L <sup>A</sup> T <sub>E</sub> X NFSS	Rees, Lehman	402
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	348
ngerman	Support for new German typography	Raichle	399
nicefilelist	Provide <code>\listfiles</code> alignment	Lück	325
nicefrac	Typeset in-line fractions in a "nice" way	Reichert	403
niceframe-type1	Type 1 versions of the fonts recommended in niceframe	Niepraschk	363
niceframe	Support for fancy frames	Ohlhaut	374
nicematrix	Improve the typesetting of mathematical matrices with PGF	Pantigny	381
nicetext	Minimal markup for simple text (Wikipedia style) and documentation	Lück	325
niceverb	Minimising markup for documenting L <sup>A</sup> T <sub>E</sub> X packages	Lück	325
nidanfloat	Bottom placement option for double float in two column mode (nidan-kumi)	Japanese T <sub>E</sub> X Team	268
nih	A class for NIH grant applications	Donald	194
nihbiosketch	A class for NIH biosketches based on the 2015 updated format	Magwene	331
nimbus15	Support files for Nimbus 2015 Core fonts	Sharpe	441
nimsticks	Draws sticks for games of multi-pile Nim	Rowlett	419
ninecolors	Select colors with proper WCAG color contrast	Lyu	329
NJUrepo	Reports for Nanjing University	Zheng	550
njustthesis	Thesis template for the Nanjing University of Science and Technology	Zhenyu	550
njuthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Nanjing University	Zhao, Xiong	549
njuvisual	Display logos related to Nanjing University	Xiong	540
nkarta	A "new" version of the karta cartographic fonts	Luecking	327
nl-interval	Represent intervals on the number line	Neves	360
nlatexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and .Net (or Mono)	Höns	259
nlctdoc	Package documentation class	Talbot	472
nmbib	Multiple versions of a bibliography, with different sort orders	Veytsman	514
nndraw	Draw neural networks	Dias	192
nnext	Extension for the gb4e package	LaCara	305
nnfootnote	"No number" footnotes	Ellison	203
noconflict	Resolve macro name conflict between packages	Hossain	261
nodetree	Visualize node lists in a tree view	Friedrich	220
nofill	Preserve spaces and line breaks when setting text	Unknown	503
nohyph	Norwegian hyphenation	Kleveland, Selberg, Hufthammer	288
nohyphbx	General hyphenation patterns for Norwegian	Kleveland, Selberg	288
noindentafter	Prevent paragraph indentation after environments or macros	Helvensteijn, Hanisch	251
noitcrul	Improved underlines in mathematics	Ebermann	200
nolbreaks	No line breaks in text	Arseneau	134
nomenc1	Produce lists of symbols as in nomenclature	Veytsman, Radhakrishnan, Netherton, Schandl	515
nomentbl	Nomenclature typeset in a longtable	Elmegaard	203
nonfloat	Non-floating table and figure captions	Rascher	400
nonumonpart	Prevent page numbers on part pages	Henel	252
nopageno	No page numbers in L <sup>A</sup> T <sub>E</sub> X documents	Carlisle	170
noprot	Avoid the need for protection	Sozuer	451
norbib	Norwegian bibliography styles	Langmyhr	307
normalcolor	Changing <code>\normalcolor</code>	Kohm	294
nostarch	L <sup>A</sup> T <sub>E</sub> X class for No Starch Press	Veytsman	514
notes	Mark sections of a document	Webb	528

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
notes2bib	Integrating notes into the bibliography	Wright	539
NotesPages	Filling documents with notes pages and notes areas	Kaufmann	277
NotesTeX	An all-in-one L <sup>A</sup> T <sub>E</sub> X notes package for students	Dhumuntarao	192
noTeX-bst	A BibTeX style that outputs HTML	Vigna	516
noto-emoji	Noto Emoji fonts	Zeng	548
noto	Support for Noto fonts	Tennent	479
notoccite	Prevent trouble from citations in table of contents, etc	Arseneau	134
notoCJKsc	This package provides Noto CJK fonts	Zhou	550
notocondensed	Support for the condensed variants of the Noto fonts	Tennent	479
notomath	Math support for Noto fonts	Sharpe	441
novel	Class for printing fiction, such as novels	Allgeyer	130
noweb	A simple extensible literate programming tool	Ramsey	400
nowidow	Avoid widows	Pinson	391
nox	Adaptable tables	Borck-Elsner, Schöpf	155
npp-for-context	ConTeXt plugin for Notepad++	Scarso, Hamid	424
nrc	Class for the NRC technical journals	Fairbairns, Thiele	207
ntabbing	Simple tabbing extension for automatic line numbering	Stupp	463
ntg-maps	The NTG's journal MAPS	Nederlandstalige TeX Gebruikersgroep	357
ntg	Dutch T <sub>E</sub> X Users Group information	Unknown	503
ntgclass	"European" versions of standard classes	Eijkhout, Braams	202
nth	Generate English ordinal numbers	Arseneau	134
ntheorem-vn	Vietnamese translation of documentation of ntheorem	Huynh	263
ntheorem	Enhanced theorem environment	May, Schedler	338
NTS-L	NTS mailing list digests	Unknown	503
NTS	New Typesetting System	The NTS Project	484
ntsfaq	Frequently answered questions about T <sub>E</sub> X extension	Knappen	289
nuc	Notation for nuclear isotopes	Davis	189
nucleardata	Provides data about atomic nuclides for documents	Nettles	358
numalg	BibTeX style for Kluwer's Numerical Algorithms	Mathar	335
numberedblock	Print a block of code, with unique index number	Segletes	437
numbrpt	Counters spelled out in Portuguese	Frasson	218
numending	Generates morphological end of units	Kirillova	284
numera-plus	Iteration and recurrence relations: finding fixed points, zeros and extrema of functions	Parsloe	383
numera-tables	Create multi-column tables of mathematical functions	Parsloe	383
numera	Numerically evaluate mathematical expressions in L <sup>A</sup> T <sub>E</sub> X form	Parsloe	383
numericplots	Plot numeric data (including Matlab export) using PSTricks	König, Michel	297
numline	L <sup>A</sup> T <sub>E</sub> X macros for numbering lines	Jaegermann, Fortune	267
numname	Convert a number to its English expression	Swamidass	464
numnameru	Converts a number to the russian spelled out name	Vit	517
numprint	Print numbers with separators and exponent if necessary	Harders	246
numspell	Spelling cardinal and ordinal numbers	Tómacs	493
Nunito	The Nunito font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
nwafuthesis	A thesis template package for Northwest A&F University, China	Geng	224
nwejm	Support for the journal "North-Western European Journal of Mathematics"	Bitouzé	152
<b>OOOOO</b>			
oands	Glyphs used when transliterating ancient scripts	Wilson	535
obas	Web based interface to a bibliographical database	van Heerden	248
oberdiek	A bundle of packages submitted by Heiko Oberdiek	Oberdiek	370
objectz	Macros for typesetting Object Z	Rahtz, Leadbetter	398
obnov	Obyknovennaya Novaya fonts	Solomykov	450
obsolete	A tree holding obsolete software	Unknown	503
oca	OCR A font	Wales	526

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
occam	Strip unnecessary macros from a file	Siebenmann	445
ocg-p	PDF OCG support in L <sup>A</sup> T <sub>E</sub> X	Werner	530
ocgtools	Manipulate OCG layers in PDF presentations	Mařík	334
ocgx	Use OCGs within a PDF document without JavaScript	Gaborit	221
ocgx2	Drop-in replacement for ‘ocgx’ and ‘ocg-p’	Grahn	233
ochem	Typeset chemical formulae with L <sup>A</sup> T <sub>E</sub> X	Klöckl	288
ocherokee	L <sup>A</sup> T <sub>E</sub> X Support for the Cherokee language	Syropoulos	466
ocr-a	Fonts for OCR-A	Wales, Lillqvist	526
ocr-b-outline	OCR-B fonts in Type 1 and OpenType	Wagner	525
ocr-b	Fonts for OCR-B	Schwarz	436
ocr-latex	L <sup>A</sup> T <sub>E</sub> X support for ocr fonts	Jørgensen	272
octave	Typeset musical pitches with octave designations	Cashner	173
octavo	Typeset books following classical design and layout	Revetts	405
odsfile	Read OpenDocument Spreadsheet documents as L <sup>A</sup> T <sub>E</sub> X tables	Hoftich	258
oesch	Font to provide the Österreichische Schulschrift	Bachmaier	137
ofntinst	Install Type 1 for use with Omega	Kryukov	301
ofs	Macros for managing large font collections	Olšák	375
ogham	Fonts for typesetting Ogham script	Stanier, Fairbairns, Carlisle	455
ogonek	Support for Polish typography and the ogonek	Bień	151
oinuit	L <sup>A</sup> T <sub>E</sub> X Support for the Inuktitut Language	Syropoulos	466
okuda	Fonts for Klingon	Kummer, Shoulson	303
old-arrows	Computer Modern old-style arrows with smaller arrowheads	Dossena	195
old-faq-en	An early FAQ in English	Bodenheimer	153
old-fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X (obsolete version)	Medina	341
oldlatin	Compute Modern-like font with long s	Terashita	481
oldprsn	Fonts old Persian cuneiform script	Wilson	535
oldstandard	OldStandard fonts with L <sup>A</sup> T <sub>E</sub> X support	Kryukov, Lečić, Alessi, Tennent	301
OldStandardT1	Type 1 versions of Old Standard fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
oldstyle	Old style numbers in OT1 encoding	Fairbairns, Carlisle	207
oletex	OLE - L <sup>A</sup> T <sub>E</sub> X interface	Trifonov	494
olsak-misc	Collection of plain T <sub>E</sub> X macros written by Petr Olšák	Olšák	375
omega	A wide-character-set extension of T <sub>E</sub> X	Haralambous, Plaice	244
12many	Generalising mathematical index sets	Schwarz	436
OneDown	Typeset Bridge Diagrams	Wiersma	532
onepagem	If the document has only one page, omit page number	Piff, Fairbairns, Carlisle	390
onlyamsmath	Inhibit use of non-amsmath mathematics markup when using amsmath	Harders	246
onrannual	Class for Office of Naval Research Ocean Battlespace Sensing annual report	Maxwell	337
oops	A framework for making definitions, typically mathematical, inline	Rogard	413
opacity-pro	Set transparency and blend mode	Story	461
opcit	Footnote-style bibliographical references	Garcia-De Castro	173
opencolor	Definitions from the Open Color library	Piazzai	387
opensans	The Open Sans font family, and L <sup>A</sup> T <sub>E</sub> X support	El Morabity	349
oPlotSymb1	Some symbols which are not easily available	Döhring	193
opteng	SPIE Optical Engineering and OE Letters manuscript template	Egan	201
OpTeX	LuaTeX format based on Plain T <sub>E</sub> X and OPmac	Olšák	375
OpTeXcount	Python script for counting words in OpTeX documents	Hartmann	247
optidef	Environments for writing optimization problems	Lago Garcia	222
optional	Facilitate optional printing of parts of a document	Arseneau	134
options	Provides convenient key-value options for L <sup>A</sup> T <sub>E</sub> X package writers	Leijen	312
optparams	Macros with multiple optional parameters	Sauer	423
orcidlink	Insert hyperlinked ORCID logo	Stein	456
Orderer	Order references in a T <sub>E</sub> X file	Siddikov	444

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
orderrefs	Sort bibliography in L <sup>A</sup> T <sub>E</sub> X document by order of citation	Collins	182
ordinalpt	Counters as ordinal numbers in Portuguese	Frasson	218
oriental	A version of T <sub>E</sub> X for which Oriental languages are native	Prosoft International	395
orientation	Set page orientation with dvips/Ghostscript (ps2pdf)	Miller	345
oriya	Typesetting the Oriya script using T <sub>E</sub> X	Hellingman, Pandey	250
orkhun	A font for orkhun script	Rakhimov	399
os2tex	A distribution of T <sub>E</sub> X for OS/2 Warp	Kleinböhl	287
osa	Macros for Optical Society of America Journals, etc	Optical Society of America	376
oscola	BibL <sup>A</sup> T <sub>E</sub> X style for the Oxford Standard for the Citation of Legal Authorities	Stanley	455
OSDA	Commands for Proceedings of the Workshop on Open-Source Design Automation	Krieg	299
osmanian	Osmanian font for writing Somali	Stanier	455
oststud	Templates for the student organization at OST FH, Switzerland	Pross	395
Oswald	The Oswald family of fonts with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
ot-tableau	Optimality Theory tableaux in L <sup>A</sup> T <sub>E</sub> X	Baker	137
ot2cyr	Macros, metrics, etc., to use the OT2 Cyrillic encoding	Rahtz	398
OT2Woff	OpenType to Woff converter	Frane Jr	273
otfinst	Install OpenType fonts for use in T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X systems	Owens	377
otftofd	Generate control files for OpenType fonts	Washburn	528
othello	Modification of a Go package to create othello boards	le Comte	183
othelloboard	Typeset Othello (Reversi) diagrams of any size, with annotations	Hall	242
oubraces	Braces over and under a formula	Arseneau	134
oup-authoring-t...	A general template for journals published by Oxford University Press (OUP)	Jones	271
outerhbox	Collect horizontal material for contributing to a paragraph	Fine	212
OutilsGeomTikZ	Some geometric tools, with TikZ	Pierquet	388
outline	List environment for making outlines	Halvorson, Flaxman	242
outliner	Change section levels easily	Eijkhout	202
outlines	Produce "outline" lists	Pecheur	384
outlining	Create outlines for scientific documents	Block	153
oval	Round-cornered framed boxes	Schalück	424
ovalfbox	Boxes with frames whose corners are rounded	Unknown	503
overarrows	Custom extensible arrows over math expressions	Labbé	305
overcite	Compressed lists of superscript numerical citations	Arseneau	134
overlays	Incremental slides	Nolda	364
overlock	Overlock sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
overpic	Combine L <sup>A</sup> T <sub>E</sub> X commands over included graphics	Niepraschk	363
overrightarrow	Doubled "over" arrow	Kilfiger	282
overword	Parse text	Bennett	149
oxford	A BibTeX style geared for use in the humanities	Antman	132
oztex-fonts	Fonts packaged for use in OzTeX	López-Valencia, de Bogotá	322
OzTeX-german	German packaging of OzTeX	Meyer-Lerbs	342
oztex	TeX for the Macintosh	Trevorrow	494
<b>PPPPP</b>			
pacioli	Fonts designed by Fra Luca de Pacioli in 1497	Wilson	535
padauk	A high-quality TrueType font that supports the many diverse languages that use the Myanmar script	Tennent	480
padcount	Pad numbers with arbitrary characters	Goodman	230
pagecolor	Interrogate page color	Münch	352
pagecont	Page numbering that continues between documents	Frasson	218
pagedraw	Drawing program with EPS output	Karunakaran	276
pagefoots	Footnote numbering per page	Schellenberger, Hankerson	427
pageframe	Page frames, grids, etc., for L <sup>A</sup> T <sub>E</sub> X 2.09	Smith	448
pagegrid	Print page grid in background	Oberdiek	370



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pagelayout	Layout graphic rich documents	Bartels	140
pagella-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Pagella	Voß	520
pageno	Page number-only page styles	McDonnell	339
pagenote	Notes at end of document	Robertson, Wilson	410
pagerange	Flexible and configurable page range typesetting	Musa	356
pagereference	Labels and references in Plain T <sub>E</sub> X	Ungar	498
pagesel	Select pages of a document for output	Oberdiek	370
pageslts	Variants of last page labels	Münch	352
palatino-nfss	Select Adobe Palatino as default text font	Rahtz	398
palette	Create palettes for colors and symbols that can be swapped in	Chen	175
palladam	A Tamil font for Macintosh users	Govindaraj	232
pandora-latex	L <sup>A</sup> T <sub>E</sub> X support for the Pandora fonts	Jørgensen	272
pandora-type1	The Pandora font family	McPhee, Billawalla	340
pandora	The Pandora font family	Billawalla	151
pangram	A L <sup>A</sup> T <sub>E</sub> X package for testing fonts	Zhang	549
paper	Versions of article class, tuned for scholarly publications	Matiaske	336
papercdcase	Origami-style folding paper CD case	Dussa	199
papermas	Compute the mass of a printed version of a document	Münch	352
papertex	Class for newspapers, etc	Llopis	317
paracol	Multiple columns with texts “in parallel”	Nakashima	357
parades	Tabulators and space between paragraphs in galley approach	Parashchenko	382
paragraphs	Paragraph “tricks” macros	Unknown	503
paralist	Enumerate and itemize within paragraphs	Schendl	424
parallel	Typeset parallel texts	Eckermann	200
paratype	L <sup>A</sup> T <sub>E</sub> X support for free fonts by ParaType	Farar	208
parboxx	Two extra alignment options for \parbox	Knappen	289
parcolumns	Multiple column parallel typesetting	Sauer	423
paresse	Define simple macros for greek letters	Henel	252
parisa	Parisa family of fonts	Khalighi, bidi-tex GitHub Organisation	280
parnotes	Notes after every paragraph (or elsewhere)	Hughes	262
parrun	Typesets (two) streams of text running parallel	Dominici	194
parsa	A X <sub>Y</sub> -L <sup>A</sup> T <sub>E</sub> X package for theses and dissertations at Iranian Universities	Rasuli	400
parselines	Apply a macro to each line of an environment	Chervet	177
parsitex	A localized Persian and bidirectional extension of T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	280
parskip	Layout with zero \parindent, non-zero \parskip	Fairbairns, Partl, Mittelbach	207
pas-cours	Macros useful in preparing teaching material	Pasquet	383
pas-crosswords	Creating crossword grids, using TikZ	Pasquet	383
pas-cv	Flexible typesetting of Curricula Vitae	Pasquet	383
pas-tableur	Create a spreadsheet layout	Pasquet	383
pascaltriangle	Draw beautiful Pascal (Yanghui) triangles	Geng	224
passivetex	Support package for XML/SGML typesetting	Rahtz	398
patch	Patch loaded packages, etc.	Kastrup	276
patchcmd	Change the definition of an existing command	Downes	195
patgen	Generate hyphenation patterns	Liang, Breitenlohner, T <sub>E</sub> XLive, Rokicki	315
patgen2-tutorial	A tutorial on the use of Patgen 2	Haralambous	244
path	Typeset paths, making them breakable	Taylor	475
pauldoc	German L <sup>A</sup> T <sub>E</sub> X package documentation	Ebermann	200
pawpict	Using graphics from PAW	Holm Christensen	179
pax	Extract and reinsert PDF annotations with pdfTeX	Oberdiek, Roucariès	373
pb-diagram	A commutative diagram package using LAMSTeX or Xy-pic fonts	Burchard	164
pbalance	Balance last page in two-column mode	Lago	305
pbibtex-base	Bibliography styles and miscellaneous files for pBibTeX	Maeda, Japanese T <sub>E</sub> X Team	331

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pbibtex-manual	Documentation files for (u)pBibTeX	Japanese T <sub>E</sub> X Team	268
pbm2tex	Translate PBM format to L <sup>A</sup> T <sub>E</sub> X	Barth	140
pbmtogf	Convert PBM images to GF font files	Wong	537
PBMtoPK	Conversion between PBM and PK formats	Duggan	198
pbox	A variable-width \parbox command	Law	309
pbsheet	Problem sheet class	Chafaï	174
pcarl	L <sup>A</sup> T <sub>E</sub> X Support for Adobe Caslon Open Face	Veytsman	514
pcfonts	Hebrew fonts for use on DOS PCs	Porrat	393
pclnfss	Font support for current PCL printers	Harcke	245
pdbf-toolkit	A Toolkit for Creating Janiform Data Documents	Bender	148
pdcmac	Damian Cugley's document tools	Cugley	186
pdf-forms-tutorial	Tutorial on creating PDF forms using pdfLaTeX	Krause	299
pdf-mps-supp	PDF MetaPost graphics support bundle	Hagen	241
pdf-trans	A set of macros for various transformations of T <sub>E</sub> X boxes	Jackowski	267
pdf14	Restore PDF 1.4 to a T <sub>E</sub> X live 2010 format	Pégourié-Gonnard	385
pdfarticle	Class for pdf publications	Paciorek	378
pdfbook	Rearrange pages of a PDF file for booklet printing	Eldering, Buchert, Aivazian	203
pdfbook2	Create booklets from PDF files	Neumann	359
pdfcol	Macros for maintaining colour stacks under pdfTeX	Oberdiek	370
pdfcolfoot	Separate color stack for footnotes with pdfTeX	Oberdiek	370
pdfcolmk	Improved colour support under pdfTeX (legacy stub)	Oberdiek	370
pdfcolparallel	Fix colour problems in package 'parallel'	Oberdiek	370
pdfcolparcolumns	Fix colour problems in package 'parcolumns'	Oberdiek	370
pdfcomment	A user-friendly interface to pdf annotations	Kleber	285
pdfcprot	Activating and setting of character protruding using pdfLaTeX	Schurig, Schlemmer, Hughes	435
pdfcrop	Crop PDF graphics	Oberdiek	370
pdfcrypt	Allows the setting of pdf encryption	Oberdiek	370
pdfescape	Implements pdfTeX's escape features using T <sub>E</sub> X or e-TeX	Oberdiek	371
pdfextra	Extra PDF features for (Op)TeX	Vlasák	517
pdfjam	Shell scripts interfacing to pdftypes	Firth, Thomas	213
pdfatexpicscale	Support software for downscaling graphics to be included by pdfLaTeX	Willadt	533
pdfscape	Make landscape pages display as landscape	Oberdiek	371
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	487
pdfmarginpar	Generate marginpar-equivalent PDF annotations	Feuersänger	210
pdfmsym	PDF Math Symbols — various drawn mathematical symbols	Unknown	503
pdfoverlay	A L <sup>A</sup> T <sub>E</sub> X style for overlaying text on a PDF	Purton	395
pdfpagediff	Find difference between two PDF's	Radhakrishnan	397
pdfpages	Include PDF documents in L <sup>A</sup> T <sub>E</sub> X	Matthias	337
pdfpc-movie	Pdfpc viewer-compatible hyperlinks to movies	Friedl	219
pdfpc	Define data for the pdfpc presentation viewer	Stambulchik	454
pdfprivacy	A L <sup>A</sup> T <sub>E</sub> X package to remove or suppress pdf meta-data	Sion	447
PDFrack	Use psfrag with pdfLaTeX	Boyer	158
pdfrender	Control rendering parameters	Oberdiek	371
pdfreview	Annotate PDF files with margin notes	Palmer	381
pdfscreen	Support screen-based document design	Radhakrishnan	397
pdfslide	Presentation slides using pdfTeX	Radhakrishnan	397
pdfsync	Provide links between source and PDF	Laurens	309
pdftex-def	Colour and Graphics support for pdfTeX	Carlisle, Rahtz, Hagen, Schröder, Oberdiek	171
pdftex-djgpp	An msdos-djgpp binary of the pdfTeX engine	Rivera	407
pdftex-oztex	pdfTeX designed to run with OzTeX	Kiffe	282
pdftex-quiet	A bash wrapper for pdfTeX limiting its output to relevant errors	Kozlovský	298

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pdftex	A $\TeX$ extension for direct creation of PDF	Thành, The pdfTeX Team, $\TeX$ Live	482
pdftexcmds	LuaTeX support for pdfTeX utility functions	Oberdiek	371
pdftricks	Support for PSTricks in pdfTeX	Radhakrishnan, Rajagopal	397
pdftricks2	Use PSTricks in pdfTeX	Reibiger	402
pdfx	PDF/X and PDF/A support for pdfTeX, LuaTeX and XeTeX	Radhakrishnan, Thành, Selinger, Moore	397
pdfxup	Create n-up PDF pages with minimal margins	Markey	334
Pecha	Print Tibetan text in the classic pecha layout style	Jäger	267
pedigree-perl	Generate $\TeX$ pedigree files from CSV files	Veytsman, Akhmadeeva	515
penlight	Penlight Lua libraries made available to Lua $\LaTeX$ users	Ewasiuk	206
penrose	A TikZ library for producing Penrose tilings	Stacey	454
perception	BibTeX style for the journal Perception	Singer	447
perfectcut	Nested delimiters that consistently grow regardless of the contents	Munch-Maccagnoni	353
perltx	Define $\LaTeX$ macros in terms of Perl code	Pakin	380
permute	Support for symmetric groups	Heinz	249
perpage	Make a counter reset at every page boundary	Kastrup	276
persian-bib	Persian translations of classic BibTeX styles	Amintoosi	131
petiteannonce	A class for small advertisements	Belaïche	148
Petri-nets	A set $\TeX$ / $\LaTeX$ packages for drawing Petri nets	Pommereau	392
pf2afm	AFM generator for Adobe Type 1 fonts	BOP	155
pfarrei	$\LaTeX$ support of pastors' and priests' work	Kohm	295
pdficons	Draw process flow diagrams in chemical engineering	Drews	196
pfm2afm	Convert PFM files to AFM, and vice versa	Lang	307
pfnote	Number footnotes per page	Nakashima	357
pgf-blur	PGF/TikZ package for "blurred" shadows	Preining, Giese, Stacey	394
pgf-cmykshadings	Support for CMYK and grayscale shadings in PGF/TikZ	Purton	395
pgf-interference	Drawing interference patterns with PGF/TikZ	Wehr	529
pgf-PeriodicTable	Create custom periodic tables of elements	Gomes	229
pgf-pie	Draw pie charts, using PGF	The PGF/TikZ Team, Yuan	484
pgf-soroban	Create images of the soroban using TikZ/PGF	Delmotte	190
pgf-spectra	Draw continuous or discrete spectra using PGF/TikZ	Gomes	229
pgf-umlcd	Some $\LaTeX$ macros for UML Class Diagrams	Yuan, The PGF/TikZ Team	546
pgf-umlsd	Draw UML Sequence Diagrams	The PGF/TikZ Team, Yuan	484
pgf	Create PostScript and PDF graphics in $\TeX$	The PGF/TikZ Team, Tantau, Feuersänger, Menke	484
pgfgantt	Draw Gantt charts with TikZ	Skala	447
pgfkeys	Key value control for PGF	Tantau	474
pgfkeyx	Extended and more robust version of pgfkeys	Musa	356
pgfmath-xfp	Define pgfmath functions using xfp	Spratte	453
pgfmolbio	Draw graphs typically found in molecular biology texts	Skala	447
pgfmorepages	Assemble multiple logical pages onto a physical page	Stacey	454
pgfopts	$\LaTeX$ package options with pgfkeys	Wright	539
pgfornament-han	pgfornament library for Chinese traditional motifs and patterns	Lim	316
pgfornament	Drawing of Vectorian ornaments with PGF/TikZ	Matthes	336
pgfplots	Create normal/logarithmic plots in two and three dimensions	Feuersänger	210
pgfplotstable	Loads, rounds, formats and postprocesses numerical tables	Feuersänger	210
pgothic	Fonts based on the Gothic Textura Prescisus manuscript book-hand	Wilson	535
phaistos	Disk of Phaistos font	Syropoulos	466
phfcc	Convenient inline commenting in collaborative documents	Faist	208
phfextendedabst...	Typeset extended abstracts for conferences, such as often encountered in quantum information theory	Faist	208
phffullpagefigure	Figures which fill up a whole page	Faist	208
phfnote	Basic formatting for short documents	Faist	208
phfparen	Parenthetic math expressions made simpler and less redundant	Faist	208

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
phfqit	Macros for typesetting Quantum Information Theory	Faist	208
phfquotetext	Quote verbatim text without white space formatting	Faist	208
phfsvnwatermark	Watermarks with version control information from SVN	Faist	208
phfthm	Goodies for theorems and proofs	Faist	208
philex	Cross references for named and numbered environments	Pagin	378
philokalia	A font to typeset the Philokalia Books	Syropoulos, Gamvetas	467
philosophersimp...	Typesetting articles for "Philosophers' Imprint"	Veytsman	514
phoenician	Fonts for the Phoenician script in use from about 1600 BC	Wilson	535
phoncard	Format telephone number lists	Greening	236
phonenumber	Typesetting telephone numbers with L <sup>A</sup> T <sub>E</sub> X	Wehr	529
phonetic	Metafont Phonetic fonts, based on Computer Modern	Pease	384
phonrule	Typeset linear phonological rules	Coretta	183
photo	A float environment for photographs	Kuhlmann	302
photobook	A document class for typesetting photo books	Naanou	356
phy-bstyles	A collection of BibTeX styles for physics journals	Karney, Bode	276
physconst	Macros for commonly used physical constants	Mulligan	352
physe	The PHYSE format	Breitenlohner	160
physics	Macros supporting the Mathematics of Physics	de la Barrera	140
physics2	Macros for typesetting maths faster and more simply	Zhang	549
physunits	Macros for commonly used physical units	Mulligan	352
physymb	Assorted macros for Physicists	Zaslavsky	548
phyzzx	A T <sub>E</sub> X format for physicists	Kaplunovsky	275
pi	Calculate pi	Roegel	412
piano	Typeset a basic 2-octave piano diagram	Daneault	188
picinpar	Insert pictures into paragraphs	Sowa, Blochwitz	451
picins	Insert pictures into paragraphs	Bleser	152
picmac	A picture mode in Plain T <sub>E</sub> X	Knuth	291
pict2e	New implementation of picture commands	Gäßlein, Niepraschk, Tkadlec	223
pictex-autoarea	Automatic computation of bounding boxes with PiCTeX	Lück	325
PicTeX	Picture drawing macros for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Wichura	531
pictex2	Adds relative coordinates and improves the \plot command	Park	382
PicTeXsum	A summary of PicTeX commands	Duggan	198
pictexwd	A patched version of PicTeX using fewer registers	Schrell	432
picture	Dimens for picture macros	Oberdiek	371
piechart	Simple pie-charts with PSTricks	Girou	227
piechartmp	Draw pie-charts using MetaPost	Morawski	350
piff-ams	Early macros for using AMS fonts	Piff	389
piff	Macro tools by Mike Piff	Piff, Carlisle	389
pifont	Access to PostScript standard Symbol and Dingbats fonts	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	430
pigpen	A font for the pigpen (or masonic) cipher	Corff	183
pinlabel	A T <sub>E</sub> X labelling package	Rourke	418
pinouTikZ	Draw chip pinouts with TikZ	Blazek	152
pitex	Documentation macros	Isambert, Robbers	265
piton	Typeset Python listings with LPEG	Pantigny	381
pittetd	Electronic Theses and Dissertations at Pitt	Garcia-De Castro, Fudrow	173
pitthesis	Document class for University of Pittsburgh theses	Kim	283
pixelart	Draw pixel-art pictures	Paternault	384
PixelArtTikz	Work with PixelArts, with TikZ	Pierquet	388
pkbbox	Derive glyph bounding boxes by building PK file	Walsh	526
pkfind	A 'find' command which understands pk files	Vojta	517
pkfix-helper	Make PostScript files accessible to pkfix	Pakin	380
pkfix	Replace pk fonts in PostScript with Type 1 fonts	Oberdiek	371
pkgcheck	CTAN package checker	Lotz	323
pkgloader	Manage the options and loading order of other packages	Helvensteijn	250

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pkuthss	L <sup>A</sup> T <sub>E</sub> X template for dissertations in Peking University	Vector	510
pkware	Utility programs for use with PK bitmap fonts	Rokicki, T <sub>E</sub> XLive	414
pl-mf	Polish extension of Computer Modern fonts	Jackowski, Ryćko	267
pl	Literate Programming for Prolog with L <sup>A</sup> T <sub>E</sub> X	Neugebauer	359
placeat	Absolute content positioning	Trautmann	493
placeins-plain	Insertions that keep their place	Arseneau	134
placeins	Control float placement	Arseneau	134
plain-cm	Variable sized fonts in Plain T <sub>E</sub> X	Brotsky, Horn	161
plain-ltx	Make plain T <sub>E</sub> X files L <sup>A</sup> T <sub>E</sub> Xable	Carlisle	170
plain	The Plain T <sub>E</sub> X format	Knuth	292
plainmisc	Miscellaneous contributed macros for plain T <sub>E</sub> X	Unknown	503
plainpkg	A minimal method for making generic packages	Lück	325
plainyr	Plain bibliography style, sorted by year first	Perrone	387
plantslabels	Write labels for plants	Merciadri	342
plantuml	Support for rendering UML diagrams using PlantUML	Kopp	297
plari	Typesetting stageplay scripts	Kaijanaho	274
plates	Arrange for "plates" sections of documents	Tanbakuchi	474
latex-tools	pL <sup>A</sup> T <sub>E</sub> X standard tools bundle	Yamashita	542
latex	pLaTeX2e and miscellaneous macros for pT <sub>E</sub> X	Maeda, Japanese T <sub>E</sub> X Team	331
latexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Japanese	Asakura	136
plautopatch	Automated patches for pLaTeX/upLaTeX	Yamashita	542
play-font	The Play font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
play	Typeset drama using L <sup>A</sup> T <sub>E</sub> X	Kilfinger	282
playcards	A simple template for drawing playcards	Pages	378
playfair	Playfair Display fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
plcalendar	Plain macros for making nice calendars	Unknown	503
plex-otf	Support for the OpenType font IBM Plex	Voß	521
plex	Support for IBM Plex fonts	Tennent	480
plfonts	Polish extension to Computer Modern fonts	Unknown	503
plhyph	Hyphenation for Polish	Kołodziejska, Jackowski, Ryćko	296
plimsoll	Fonts with the Plimsoll symbol and L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	272
plipsum	'Lorem ipsum' for Plain T <sub>E</sub> X developers	Spina	452
plnfss	Font selection for Plain T <sub>E</sub> X	Thành, Konecny, Kotucha	481
plpsfont	Polish extension of CM fonts in Type 1 format	Nowacki	366
plstmary	St. Mary's Road font support for plain T <sub>E</sub> X	Luecking	327
pm-isomath	Poor man ISO math for pdfL <sup>A</sup> T <sub>E</sub> X users	Beccari	144
pmat	Typeset partitioned matrices	Oliveira e Silva	446
pmboxdraw	Poor man's box drawing characters	Oberdiek	371
pmcstex	L <sup>A</sup> T <sub>E</sub> X in emTeX IDE/FrontEnd for EPM	Mikulik	343
pmdb	Create a DB (PDF) document for selecting content for inclusion in another documents	Story	461
pmddl	Examples from "Praca magisterska i dyplomowa"	Przechlewski	395
pmgraph	"Poor man's" graphics	Berdnikov, Grineva	149
pmhanguljamo	Poor man's Hangul Jamo input method	Kim	283
pmtex	Preprocessor for MusicTeX	Simons	446
pmx	Preprocessor for MusiXTeX	Simons, Tennent	446
pmxchords	Produce chord information to go with pmx output	Fafejta	206
PNAS	BibTeX style for PNAS (old version)	Rogers	413
PNAS 2009	BibTeX style for PNAS (newer version)	Rogers	413
png2pdf	PNG to PDF converter	Krause	299
poemscot	Typesetting Critical Editions of Poetry	Burt	166
poetica	Support for Adobe Poetica fonts in Type 1 format	Hoenig	256
poetry	Facilities for typesetting poetry and poetical structure	Goodman	230
poetrytex	Typeset anthologies of poetry	Whited	531



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
point ruler	12" Ruler containing Points and Inches	Henderson	251
poiretone	PoiretOne family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
polexpr	A parser for polynomial expressions	Burnol	165
poligraf	A T <sub>E</sub> X macro package for prepress	Nowacki	366
polski	Typeset Polish documents with L <sup>A</sup> T <sub>E</sub> X and Polish fonts	Olko, Woliński	374
poltawski	Antykwa Półtawskiego Family of Fonts	Jackowski, Nowacki	266
polyglossia	An alternative to babel for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Charette, Rosendahl, Spitzmüller	175
polynom	Macros for manipulating polynomials	Heinz, Adriaens	249
polynomial	Typeset (univariate) polynomials	Höst	261
polytable	Tabular-like environments with named columns	Löh	318
poorman	Raster Chinese and Japanese fonts	Ridgeway	405
poormanlog	Logarithms and powers with (almost) 9 digits	Burnol	165
popupmenu	Create popup menus in PDF files	Story	461
Portable MikTeX	Instructions for setting up MikTeX on a portable device	Grahn	233
portland	Simple portrait/landscape switching	Partl	383
pos-at	Position things at absolute positions on the page	Hogben, Gaulle	258
postage	Stamp letters with »Deutsche Post«'s service »Internetmarke«	Reimer	403
postcards	Facilitates mass-mailing of postcards (junkmail)	Kleb	284
poster-mac	Make posters and banners with T <sub>E</sub> X	Van Zandt	547
poster	Scale PostScript images for larger media or tiling	van Eijndhoven	202
postit	A L <sup>A</sup> T <sub>E</sub> X package for displaying Post-it notes	Pierquet	388
postnotes	Endnotes for L <sup>A</sup> T <sub>E</sub> X	Barros	140
powerdot-fuberlin	Powerdot, using the style of FU Berlin	Voß	521
powerdot-tuliplab	A style package for Powerdot to provide the design of TULIP Lab	Li	315
powerdot	A presentation class	Adriaens, Ellison	128
ppchtex	Typeset chemical formula diagrams	Hagen	241
pphlp	Generate VMS help files from L <sup>A</sup> T <sub>E</sub> X 2.09 source	Gray	235
ppower4	A postprocessor for PDF presentations	Guntermann	240
ppr-prv	Prosper preview	Goutelle	232
ppt-slides	Good-looking slide decks à la PowerPoint (PPT)	Bugayenko	164
pracjourn	Typeset articles for PracTeX	Robertson	408
practical-latex	Example files for "Practical L <sup>A</sup> T <sub>E</sub> X"	Grätzer	234
practicalreports	Some macros for writing practical reports	Cawood	173
precatl	Prepare special catcodes from token list	user202729	507
prelim	Mark preliminary copies with a line of information	Tolksdorf	492
prelim2e	Allows the marking of preliminary versions of a document	Schröder, Peischl	434
prepr	Preprint macros	Calvani	168
preprint	A bundle of packages provided "as is"	Daly	187
prerex	Interactive editor and macro support for prerequisite charts	Tennent	480
present	Presentations with Plain T <sub>E</sub> X	Meister	341
presentations-en	Examples from the book Presentations with L <sup>A</sup> T <sub>E</sub> X	Voß	521
presentations	Examples from the book Presentationen mit L <sup>A</sup> T <sub>E</sub> X	Voß	521
pressrelease	A class for typesetting press releases	Talbot	472
prettyref	Make label references "self-identify"	Ruland	421
prettytok	Pretty-print token lists	user202729	507
preview-latex	Preview equations in Emacs	Kastrup	276
preview	Extract bits of a L <sup>A</sup> T <sub>E</sub> X source for output	Kastrup, The AUCTeX Team	277
prftree	Macros for building proof trees	Benini	148
principia	Notations for typesetting the "Principia Mathematica"	Elkind	203
printbib	Print the contents of a bibliography	Unknown	503
printlen	Print lengths using specified units	Robertson, Wilson, Harders	411
proba	Shortcuts commands to symbols used in probability texts	Nguyen-Ngoc	360
probsoln	Generate problem sheets and their solution sheets	Talbot	472

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
proc	Class for producing “proceedings”	L <sup>A</sup> T <sub>E</sub> X Team	487
processkv	Process key-value pairs	Sauer	423
procIAGssymp	Macros for IAG symposium papers	Benciolini	148
prodint	A font that provides the product integral symbol	Gill, Loredano-Osti	226
productbox	Typeset a three-dimensional product box	Neugebauer	359
ProfCollege	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in college	Poulain	393
proflabo	Draw laboratory equipment	Mounier	351
ProfLycee	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in high school	Pierquet	388
profmaquette	Use exercises in different types of documents	Poulain	394
progkeys	Typeset programs, recognising keywords	Alabau	128
program	Typesetting programs and algorithms	Ward	527
progress	Creates an overview of a document’s state	Graversen	234
progressbar	Visualize shares of total amounts in the form of a (progress-)bar	Jira	271
ProjLib	A series of tools to simplify your workflow	XU	541
proof-at-the-end	A package to move proofs to appendix	Colisson	182
proof	Shell based proofing for T <sub>E</sub> X-related files	Bosau	156
proofread	Commands for inserting annotations	Dekker	190
proofs	Macros for building proof trees	Taylor	475
prooftrees	Forest-based proof trees (symbolic logic)	Rees	402
properties	Load properties from a file	Niedermair	362
proposal	A set of L <sup>A</sup> T <sub>E</sub> X classes for preparing proposals for collaborative projects	Kohlhase	294
prosper	L <sup>A</sup> T <sub>E</sub> X class for high quality slides	Goulard	232
protecteddef	Define protected commands	Oberdiek	371
protex	Literate programming package	The TeX4ht Team, Gurari	482
protext	A MikTeX-based T <sub>E</sub> X installation for MS-Windows	Feuerstack	211
protocol	A class for minutes of meetings	Leineweber	312
protosem	Fonts for proto-Semitic cuneiform script	Wilson	535
prtec	A template for PRTEC conference papers	Lienhard	316
prv	Compile, preview, and print L <sup>A</sup> T <sub>E</sub> X documents	Dekker	190
przechlewski-book	Examples from Przechlewski’s L <sup>A</sup> T <sub>E</sub> X book	Przechlewski	395
ps2eps	Produce Encapsulated PostScript from PostScript	Bless	153
ps2mf	Make Metafont files from Adobe Type 1 files	Vens	511
ps2pk	Generate a PK font from an Adobe Type 1 font	Tutelaers, MacKay, T <sub>E</sub> XLive	497
ps4mf-dos	Convert Adobe Type 1 fonts to Metafont, MS-DOS version	Neteler	358
ps4mf	Convert Adobe Type 1 fonts to Metafont	Neteler	358
ps4pdf	Use PostScript commands inside a pdfL <sup>A</sup> T <sub>E</sub> X document	Niepraschk	363
ps_conv	A converter from PostScript to Encapsulated PostScript	BOP	155
ps_view	A PostScript previewer of PostScript files	BOP	155
psbao	Draw Bao diagrams	Vessella	512
psbox	PostScript box macros, etc	Orloff	376
psboxit	Enables one to put a PostScript drawing behind a T <sub>E</sub> X box	Maillot	332
pseudo	Straightforward pseudocode	Hetland	254
pseudocode	L <sup>A</sup> T <sub>E</sub> X environment for specifying algorithms in a natural way	Kreher	299
psfig	A graphics inclusion package	Darrell	188
psfixbb	Correct the bounding box of a PostScript file	Dominik, Karl	194
psfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	284
psfonts-tools	Tools for creating a distribution of font metrics	Rahtz, Tutelaers	399
psfonts	PostScript fonts for use with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Unknown	504
Il sistema PSfrag	PSfrag documentation in Italian	Chiesa	179
psfrag	Replace strings in encapsulated PostScript figures	Grant, Carlisle, Barratt	234
psfragger	Use psfrag and L <sup>A</sup> T <sub>E</sub> X to label an eps file	Cermelj	174
psfragx	A psfrag eXtension	Kockaert	293
psgo	Typeset go diagrams with PSTricks	Bos	156
psgreek	L <sup>A</sup> T <sub>E</sub> X support for Greek Type 1 fonts	Kryukov, Justen	301
psizzl	A T <sub>E</sub> X format for physics papers	Ogawa	373

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pslatex	Use PostScript fonts by default	Carlisle	170
psmerge	Concatenate PostScript files	Duggan	198
psnfss-source	Sources of the metrics used in PSNFSS	Schmidt, Harcombe	429
psnfss	Font support for common PostScript fonts	Schmidt, Harcombe, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	430
psnfssx-8r	Raw Type 1 fonts with L <sup>A</sup> T <sub>E</sub> X	Unknown	504
psnfssx-adobe	Packages to use a selection of Adobe Type 1 fonts	Rahtz	398
psnfssx-em	Support for the em family of fonts	Horn, Carlisle	259
psnfssx	Extra styles and encodings for PostScript fonts	Schmidt, Harcombe, Rahtz	430
pspic	Drawing pictures using PostScript specials	Thorup	490
pspicture	PostScript picture support	Carlisle	170
psrip	Extract images from PostScript files	Lackas	305
pssplit	Select pages from PostScript files	Kleiweg	287
pst-2dplot	A PSTricks package for drawing 2D curves	Delgosha	190
pst-3d	A PSTricks package for tilting and other pseudo-3D tricks	Van Zandt, Voß	547
pst-3dplot	Draw 3D objects in parallel projection, using PSTricks	Voß	521
pst-abspos	Put objects at an absolute position	Voß	521
pst-am	Simulation of modulation and demodulation	Luque, Voß	328
pst-antiprism	A PSTricks related package which draws an antiprism	Voß, Luque	523
pst-arrow	Special arrows for PSTricks	Voß	521
pst-asr	Typeset autosegmental representations for linguists	Frampton	218
pst-bar	Produces bar charts using PSTricks	Ristow, Voß	406
pst-barcode	Print barcodes using PostScript	Burton, Voß	166
pst-bezier	Draw Bezier curves	Nähring, Voß	357
pst-blur	PSTricks package for "blurred" shadows	Giese, Voß	225
pst-bspline	Draw cubic Bspline curves and interpolations	Sharpe	441
pst-calculate	Support for floating point operations at L <sup>A</sup> T <sub>E</sub> X level	Voß	521
pst-calendar	Plot calendars in "fancy" ways	Luque, Voß	328
pst-cie	CIE color space	Luque, Voß	328
pst-circ	PSTricks package for drawing electric circuits	Voß, Jorssen	523
pst-coil	A PSTricks package for coils, etc	Voß, Van Zandt	524
pst-contourplot	Draw implicit functions using the "marching squares" algorithm	Luque	328
pst-cox	Drawing regular complex polytopes with PSTricks	Luque	328
pst-dart	Plotting dart boards	Voß	521
pst-dbicons	Support for drawing ER diagrams	May	338
pst-diffraction	Print diffraction patterns from various apertures	Luque, Voß	328
pst-electricfield	Draw electric field and equipotential lines with PSTricks	Gilg, Luque, Megrét, Voß	226
pst-eps	Create EPS files from PSTricks figures	Voß, Van Zandt	524
pst-eucl-transl...	Bulgarian translation of the pst-eucl documentation	Karakoleva	275
pst-eucl	Euclidian geometry with PSTricks	Rodriguez, Voß	412
pst-exa	Typeset PSTricks examples, with code	Voß	521
pst-feyn	Draw graphical elements for Feynman diagrams	Voß	521
pst-fill	Fill or tile areas with PSTricks	Girou, Voß	227
pst-fit	Macros for curve fitting	Ledger, Voß	310
PST-Flags	Draw flags of countries using PSTricks	Manthanwar	333
pst-fp	Fixed-point arithmetic in PSTricks	Voß	521
pst-fr3d	Draw 3-dimensional framed boxes using PSTricks	Girou	227
pst-fractal	Draw fractal sets using PSTricks	Voß	521
pst-fun	Draw "funny" objects with PSTricks	Luque, Voß	328
pst-func	PSTricks package for plotting mathematical functions	Voß	521
pst-gantt	Draw GANTT charts with PSTricks	Girou, Voß	227
pst-geo	Geographical Projections	Luque, Matarazzo, Voß	328
pst-geometrictools	A PSTricks package to draw geometric tools	Söll, Voß	450
pst-gr3d	Three dimensional grids with PSTricks	Girou, Voß	227
pst-grad	Filling with colour gradients, using PSTricks	Voß, Van Zandt	524

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-graphicx	A PSTricks-compatible graphicx for use with Plain T <sub>E</sub> X	Voß	521
pst-hsb	Curves with continuous colours	Voß	521
pst-infixplot	Using PSTricks plotting capacities with infix expressions rather than RPN	Jorssen, Charpentier	273
pst-intersect	Compute intersections of arbitrary curves	Bersch	150
pst-Jtree	Typeset complex trees for linguists	Frampton	218
pst-knot	PSTricks package for displaying knots	Voß	522
pst-labo	Draw objects for Chemistry laboratories	Girou, Jorssen, Luque, Voß	227
pst-layout	Page layout macros based on PSTricks packages	Sharpe	441
pst-lens	Lenses with PSTricks	Luque, Girou, Voß	328
pst-light3d	Three dimensional lighting effects (PSTricks)	Girou, Kleiweg	227
pst-lsystem	Create images based on a L-system	Voß	522
pst-magneticfield	Plotting a magnetic field with PSTricks	Gilg, Luque, Voß	226
pst-marble	A PSTricks package to draw marble-like patterns	Gilg, Luque, Jaffer	226
pst-math	Enhancement of PostScript math operators to use with PSTricks	Jorssen, Voß	273
pst-mirror	Images on a spherical mirror	Luque, Voß	328
pst-moire	A PSTricks package to draw moiré patterns	Gilg, Luque, Sarlat	226
pst-node	Nodes and node connections in PSTricks	Van Zandt, Sharpe, Voß	547
pst-ob3d	Three dimensional objects using PSTricks	Girou, Voß	227
pst-ode	Solving initial value problems for sets of Ordinary Differential Equations	Grahn	233
pst-optexp	Drawing optical experimental setups	Bersch	150
pst-optic	Drawing optics diagrams	Luque, Voß	328
pst-osci	Oscgons with PSTricks	Luque, Jorssen	328
pst-ovl	Create and manage graphical overlays	Van Zandt, Voß	547
pst-pad	Draw simple attachment systems with PSTricks	Drechsler	196
pst-pdf	Make PDF versions of graphics by processing between runs	Niepraschk, Gäßlein	363
pst-pdgr	Draw medical pedigrees using PSTricks	Veytsman, Akhmadeeva	515
pst-perspective	Draw perspective views using PSTricks	Söll	450
pst-platon	Platonic solids in PSTricks	Luque, Voß	329
pst-plot	Plot data using PSTricks	Van Zandt, Voß	547
pst-poker	Drawing poker cards	Voß	522
pst-poly	Polygons with PSTricks	Girou, Voß	227
pst-pulley	Plot pulleys, using PSTricks	Söll	450
pst-qtree	Simple syntax for trees	Chiang, Gildea	178
pst-rputover	Place text over objects without obscuring background colors	Söll, Osborne	450
pst-rubans	Draw three-dimensional ribbons	Luque, Voß	329
pst-shell	Plotting sea shells	Voß, Luque	523
pst-sigsys	Support of signal processing-related disciplines	Delgosha	190
pst-slpe	Sophisticated colour gradients	Giese, Voß	225
pst-solarsystem	Plot the solar system for a specific date	Luque, Voß	329
pst-solides3d	Draw perspective views of 3D solids	Vignault, Luque, Schmittbuhl, Voß	516
pst-soroban	Draw a Soroban using PSTricks	Delmotte	190
pst-spectra	Draw continuum, emission and absorption spectra with PSTricks	Schmittbuhl	430
pst-spinner	Drawing a fidget spinner	Voß, Luque	523
pst-spirograph	Drawing hypotrochoids as with a spirograph	Luque, Voß	329
pst-stru	Civil engineering diagrams, using PSTricks	Matarazzo, Luque, Voß	335
pst-support	Assorted support files for use with PSTricks	Voß	522
pst-text	Text and character manipulation in PSTricks	Voß, Van Zandt	524
pst-thick	Drawing very thick lines and curves	Luque, Voß	329
pst-tools	PSTricks support functions	Voß	522
pst-tree	Trees, using PSTricks	Voß, Girou, Van Zandt	523
pst-turtle	Commands for “turtle operations”	Voß	522
pst-tvz	Draw trees with more than one root node, using PSTricks	Van Zandt, Voß	547

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-uml	UML diagrams with PSTricks	Diamantini	192
pst-vectorian	Printing ornaments	Fradin	217
pst-vehicle	A PSTricks package for rolling vehicles on graphs of mathematical functions	Söll, Voß	450
pst-venn	A PSTricks package for drawing Venn sets	Voß	522
pst-vowel	Enable arrows showing diphthongs on vowel charts	Munn	354
pst-vue3d	Draw perspective views of three dimensional objects	Luque, Voß	329
pst-xkey	Key-value syntax for PSTricks packages	Adriaens	128
pst2pdf	A script to compile PSTricks documents via pdfTeX	Voß, González Luengo	523
pstdoc	A tool for PSTricks documentation	Sharpe	441
pstex	Processor for including figures in L <sup>A</sup> T <sub>E</sub> X	Hunt	262
pstoedit	Translate PostScript and PDF to other formats	Glunz	228
pstool	Support for psfrag within pdfLaTeX	Robertson, Prime	408
pstotext	Extract ASCII from PostScript and PDF	Birrell, McJones	151
pstrees	Construct linguistics trees using a preprocessor	Sternefeld	457
pstricks-add	A collection of add-ons and bugfixes for PSTricks	Voß, Rodriguez	523
pstricks-base	PostScript macros for T <sub>E</sub> X	Voß, Girou, Van Zandt	523
pstricks-calcnodes	Use of PSTricks in calculus lecture notes	Quan	396
pstricks-exampl...	PSTricks examples files of the 7th edition of the book PSTricks	Voß	522
pstricks-exampl...	Examples from PSTricks book (English edition)	Voß	522
pstricks-examples	PSTricks examples	Voß	522
pstring	Typeset sequences with justification pointers	Blum	153
psu-thesis	Package for writing a thesis at Penn State University	Floros	215
psutils	PostScript utilities	Duggan	198
ptex-base	Plain T <sub>E</sub> X format for pTeX and e-pTeX	Japanese T <sub>E</sub> X Team, Maeda	269
ptex-fontmaps	Font maps and configuration tools for Japanese/Chinese/Korean fonts with (u)ptex	Japanese T <sub>E</sub> X Team	268
ptex-fonts	Fonts for use with pTeX	Japanese T <sub>E</sub> X Team, Maeda	269
ptex-manual	Japanese pTeX manual	Japanese T <sub>E</sub> X Team	268
ptex-texmf	Macro and other extensions for use with PTeX	Japanese T <sub>E</sub> X Team	268
ptex	A T <sub>E</sub> X system for publishing in Japanese	Japanese T <sub>E</sub> X Team	268
ptex2pdf	Convert Japanese T <sub>E</sub> X documents to PDF	Japanese T <sub>E</sub> X Team	269
ptext	A ‘lipsum’ for Persian	Damanafshan	188
pthyphs	Hyphenation Patterns for Portuguese	de Rezende	405
ptllatexcommands	L <sup>A</sup> T <sub>E</sub> X to commands in Portuguese	Pereira de Morais Junior	349
ptmsc	Addon to the newtx package	Sharpe	441
ptolemaicastronomy	Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)	Zach	546
ptptex	Macros for ‘Progress of Theoretical Physics’	Tomonaga, Yukawa	493
ptsans	PT Sans font and L <sup>A</sup> T <sub>E</sub> X support	Farar	209
ptserif	PT Serif font and L <sup>A</sup> T <sub>E</sub> X support	Farar	209
Punk-L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X support for punk fonts	Jørgensen	272
punk	Donald Knuth’s punk font	Knuth, Grover	292
punknova	OpenType version of Knuth’s Punk font	Hosny, Knuth	260
purifyeps	Make EPS work with both L <sup>A</sup> T <sub>E</sub> X/dvips and pdfLaTeX	Pakin	380
PuyoTikZ	Quickly typeset board states of Puyo Puyo games	Osborne	377
pwebmac	Consolidated WEB macros for DVI and PDF output	Scherer	427
PWT	An outline of publishing with T <sub>E</sub> X	van der Laan	305
pxbase	Tools for use with (u)pLaTeX	Yato	544
pxchfon	Japanese font setup for pL <sup>A</sup> T <sub>E</sub> X and upLaTeX	Yato	544
pxcjkcat	L <sup>A</sup> T <sub>E</sub> X interface for the CJK category codes of upTeX	Yato	544
pxfonts	Palatino-like fonts in support of mathematics	Ryu	421
pxgreek	Shape selection for PX fonts Greek letters	Burnol	165
pxjahyper	Hyperref support for pLaTeX	Yato	544
pxjodel	Help change metrics of fonts from japanese-otf	Yato	545



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pxpgfmark	e-pTeX driver for PGF inter-picture connections	Yato	545
pxpic	Draw pixel pictures	Spratte	453
pxrubrica	Ruby annotations according to JIS X 4051	Yato	545
pxtatescale	Patch to graphics driver for scaling in vertical direction of pTeX	Yamashita	542
pmtxalfa	Virtual maths alphabets based on pxfonts and txfonts	Sharpe	441
pxufont	Emulate non-Unicode Japanese fonts using Unicode fonts	Yato	545
pybib	Command line utilities to check, sort, merge BibTeX files	Corke	184
pybliographer	A tool for managing bibliographic databases	Gobry	228
pydocstrip	Scripted version of L <sup>A</sup> T <sub>E</sub> X docstrip	Huynh	263
pygmentex	Use Pygments to format code listings in documents	Malaquias	332
PyLuaTeX	Execute Python code on the fly in your L <sup>A</sup> T <sub>E</sub> X documents	Enderle	204
python	Embed Python code in L <sup>A</sup> T <sub>E</sub> X	Ehmsen	201
pythonhighlight	Highlighting of Python code, based on the listings package	Verdier	511
pythonimmediate	Library to run Python code	user202729	507
pythontex	Run Python from within a document, typesetting the results	Poore	392
pzccl	Zapf Chancery as calligraphic math alphabet	Milde	344
<b>QQQQQ</b>			
qbibman	Graphical frontend to BibTool	Goertz	228
qcircuit	Macros to generate quantum circuits	Eastin, Flammia, Scholten	199
QCM	A L <sup>A</sup> T <sub>E</sub> X2e class for making multiple choice questionnaires	Verna	512
qdtexvpl	Quick and dirty virtual font creation	Mattes	336
qed	Produce an "end-of-proof" mark	Taylor	475
qfig	DOS graphics program	Ofosu-Amaah	373
qfonts	PostScript (Adobe Type 1) fonts in QX layout	JNS team, Jackowski, Nowacki, Strzelczyk	271
qm	Commands for bras and kets and the like	Christlieb	179
qms	VMS tools for controlling QMS printers	Unknown	504
qobitree	L <sup>A</sup> T <sub>E</sub> X macros for typesetting trees	Siskind	447
qrbill	Create QR bills using L <sup>A</sup> T <sub>E</sub> X	Peischl, Antener	386
qrcode	Generate QR codes in L <sup>A</sup> T <sub>E</sub> X	Hendrickson	251
qrcestamps	Create QR codes using stamps	Story	461
qsharp	Syntax highlighting for the Q# language	Granade	233
qstest	Bundle for unit tests and pattern matching	Kastrup	276
qsymbols	Maths symbol abbreviations	Rose	415
qtree	Draw tree structures	Dimitriadis, Siskind	193
qualitytype	The QualiType font collection	Miller	345
quantikz	Draw quantum circuit diagrams	Kay	277
quantumarticle	Document class for submissions to the Quantum journal	Quantum — the open jour- nal for quantum science, Meyer, Gogolin	396
quattrocento	Quattrocento and Quattrocento Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
quickreaction	A simple and fast way to typeset chemical reactions	Lambertini	306
quicktype	L <sup>A</sup> T <sub>E</sub> X package for quick typesetting	Mifsud	343
quiz2socrative	Prepare questions for socrative quizzes	Lella	313
quizztex	Create quizzes like in TV shows	Pierquet	388
quotation	Typeset an attributed quotation	Unknown	504
quotchap	Decorative chapter headings	Klever, Tinnefeld	288
quote	Match pairs of double-quote characters	Goatley	228
quotes	Smart double quotes in L <sup>A</sup> T <sub>E</sub> X input	Bosisio	156
quoting	Consolidated environment for displayed text	Titiz	491
quotmark	Consistent quote marks	Talbot	472
quran-bn	Bengali translations to the quran package	Razavian	401
quran-de	German translations to the quran package	Razavian	401
quran-ur	Urdu translations to the quran package	Razavian	401
quran	An easy way to typeset any part of The Holy Quran	Razavian	401

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
qyxf-book	Book Template for Qian Yuan Xue Fu	You	545
<b>RRRRR</b>			
r_und_s	Chemical hazard codes	Nordenholz	364
r2bib	Convert refer and EndNote files to BibTeX	Mathar	335
ragged	Generic ragged left and ragged right options	Siebenmann	445
ragged2e	Alternative versions of “ragged”-type commands	Schröder, Peischl	434
raggedr	Set an entire document raggedright	Kilfiger	282
rail	Syntax specification in EBNF	Rooijakkers, Barthelmann	415
rake4latex	A rake-based tool to compile L <sup>A</sup> T <sub>E</sub> X projects	Lickert	315
raleyway	Use Raleyway with T <sub>E</sub> X(-alike) systems	Hofstra	257
ran_toks	Randomise token strings	Story	461
randbild	Marginal pictures	Ebermann	200
random	Generating “random” numbers in T <sub>E</sub> X	Arseneau	134
randomlist	Deal with database, loop, and random in order to build personalized exercises	Charpentier, Tellechea	175
randomwalk	Random walks using TikZ	Le Floch	215
randtext	Randomise the order of characters in strings	Duan	197
rangecite	Will turn a range of citations into something like [1..3]	Dershowitz, Reingold	191
rangen	Generate random integers, rational and decimal numbers	Story	461
rank-2-roots	Draw (mathematical) rank 2 root systems	McKay	339
ransom	A “very bad typewriter” font	Knuth	292
ratex	A package for German lawyers	Vosberg	518
ratexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and Ruby	Höns	259
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	269
rawprint	Print raw Russian text	Veytsman	514
rbt-mathnotes	Rebecca Turner’s personal macros and styles for typesetting mathematics notes	Turner	496
rccol	Decimal-centered optionally rounded numbers in tabular	Guthöhrlein	240
rccs-multi	Typeset RCS version control in multiple-file documents	Scharrer	426
rccs-pln	RCS data in Plain T <sub>E</sub> X documents	Rose	415
rccs	Use RCS (revision control system) tags in L <sup>A</sup> T <sub>E</sub> X documents	Schrod, Gilbey	433
rccsinfo	Support for the revision control system	Vollmer	518
ReadableCV	A highly readable and good looking CV and letter class	Stone	458
readarray	Read, store and recall array-formatted data	Segletes	437
readprov	Provides GetFileInfo without the need to load the file	Lück	326
realboxes	Variants of common box-commands that read their content as real box and not as macro argument	Scharrer	426
realcalc	Macros for real arithmetic calculations	Buchholz	162
realhats	Put real hats on symbols instead of ^	Scroggs, Townsend	437
realscripts	Access OpenType subscript and superscript glyphs	Robertson	408
realtranspose	The “real” way to transpose a Matrix	Quentin	396
rec-thy	Commands to typeset recursion theory papers	Gerdes	224
recipe	A L <sup>A</sup> T <sub>E</sub> X class to typeset recipes	Loreti	323
recipebook	Typeset 5.5” x 8” recipes for browsing or printing	Granger	234
recipecard	Typeset recipes in note-card-sized boxes	Reish	404
recorder-fingering	Package to display recorder fingering diagrams	Munn	354
rectopma	Recycle top matter	Benciolini	148
recycle	A font providing the “recyclable” logo	Green, Pakin	235
redefine	Conditional macro, etc., definitions	Unknown	504
redis	A Hebrew font	Goldberg	229
REdit	Menu-based editor	Rogalla	412
refcheck	Check references (in figures, table, equations, etc)	Motygin	351
refcount	Counter operations with label references	Oberdiek	371
refenums	Define named items and provide back-references with that name	Kopp	297

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
refer-tools	Convert between refer format and BibTeX format	Mareschal, Fastenrath, McHale, Jacobsen, Roth, Palm, Kautz, Fritzke	333
refer	Convert a BibTeX bibliography to refer format	McHale	339
references	Bibliographic software supporting L <sup>A</sup> T <sub>E</sub> X/BibTeX	Kiefel	281
reflectgraphics	Techniques for reflecting graphics	Reiche	403
refman	Format technical reference manuals	Kielhorn, Partl	281
refreshpdf	Refresh PDF files "remotely"	Gerhardt	224
refstyle	Advanced formatting of cross references	Els	203
regcount	Display the allocation status of the T <sub>E</sub> X registers	Drucbert	196
regexpatch	High level patching of commands	Gregorio	237
register	Typeset programmable elements in digital hardware (registers)	Lovell	323
regstats	Information about register use	Münch	353
reledmac	Typeset scholarly editions	Rouquette	417
reledpar	Typeset scholarly editions in parallel texts	Rouquette	418
relenc	A "relaxed" font encoding	Hellström	250
relsize	Set the font size relative to the current font size	Swift, Arseneau	465
removefr	Remove from counter-reset lists	Arseneau	134
remreset	Remove counters from reset list	Carlisle	170
renditions	Multiple versions from the same content	Story	461
reotex	Draw Reo Channels and Circuits	Oliveira	374
repeat	Repeat execution of macros	Eijkhout	202
repeatindex	Repeat items in an index after a page or column break	Harders	246
repere	MetaPost macros for secondary school mathematics teachers	Péault	384
repltext	Control how text gets copied from a PDF file	Pakin	380
report	Typeset a multi-chapter report	L <sup>A</sup> T <sub>E</sub> X Team	487
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	488
rerunfilecheck	Checksum based rerun checks on auxiliary files	Oberdiek	371
res	A résumé class	Krishnamurthy, DeCorte	299
rescansync	Re-scan tokens with syntex information	user202729	507
resizegather	Automatically resize overly large equations	Oberdiek	371
resmes	Measure restriction symbol in L <sup>A</sup> T <sub>E</sub> X	De Donato	194
ResolSysteme	Work on linear systems using xint or pyluatex	Pierquet	388
resphilosophica	Typeset articles for the journal Res Philosophica	Veytsman	514
rest-api	Describing a rest api	Klein	287
resumecls	Typeset a resume both in English and Chinese	Hu	261
resumemac	Plain T <sub>E</sub> X macros for resums	Hosek	260
returntogrid	Semi-automatic grid typesetting	Fischer	214
reverxii	Playing Reversi in T <sub>E</sub> X	Le Floch	215
revnum	Reverse enumerate	Wilms	533
revquantum	Hacks to make writing quantum papers for revtex4-1 less painful	Granade	233
revtex	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	374
revtex4-0	Styles for various Physics Journals (old version)	Ogawa, Doyle, Oleinik, Mittelbach	374
revtex4-1	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	374
rftc2bib	Generate BibTeX entries for IETF RFCs	Mortier	350
rfil	Ruby font installer library	Gundlach	239
RGB	Tables of RGB colour parameters	Loreti	323
rgltxdoc	Common code for documentation of the author's packages	Grewe	237
ribbonproofs	Drawing ribbon proofs	Wickerson	531
richtext	Create rich text strings	Story	461
rjlparschap	Support for use of \parshape in L <sup>A</sup> T <sub>E</sub> X	Lee	311

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
rlepsz	Rewrite labels in EPS graphics	Rourke	418
rannot	Create rich media annotations in a PDF file	Story	461
rmathbr	Repeating of math operator at the broken line and the new line in inline equations	Ryabov	421
rmligs	Remove incorrect ligatures in German documents	Jacke	265
rmpage	A package to help change page layout parameters in L <sup>A</sup> T <sub>E</sub> X	McDonnell	339
rmthm	Use a roman font for theorem statements	Verwer	512
rnototex	Convert from Runoff to L <sup>A</sup> T <sub>E</sub> X	Vanroose	509
Robot Man	A fun demo of AcroTeX eDucation Bundle facilities	Story	461
robotarm	TikZ powered L <sup>A</sup> T <sub>E</sub> X package to draw parameterized 2D robot arms	Snippe	449
roboto	Support for the Roboto family of fonts	Tennent	480
robustcommand	Declare robust command, with \newcommand checks	Ebermann	200
robustindex	Create index with pagerefs	van der Kallen	274
rojud	A font with the images of the counties of Romania	Bazon	143
romanbar	Write roman number with "bars"	Münch	353
romanbarpagenumber	Typesetting roman page numbers	Schneider	431
romandeadf	Romande ADF fonts and L <sup>A</sup> T <sub>E</sub> X support	Rees	402
romaniantex	L <sup>A</sup> T <sub>E</sub> X support for Romanian	Rezus	405
romanneg	Roman page numbers negative	Wolczko	537
romannum	Generate roman numerals instead of arabic digits	Robertson, Wilson	410
rosario	Using the free Rosario fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	205
rotate-textures	Box rotation macros for Textures	Karney	275
rotate	Rotate T <sub>E</sub> X boxes	Unknown	504
rotating	Rotation tools, including rotated full-page floats	Fairbairns, Rahtz, L <sup>A</sup> T <sub>E</sub> X Team	207
rotchiffre	Perform simple rotation cyphers	Oberdiek	371
rotfloat	Rotate floats	Sommerfeldt	451
rotpages	Typeset sets of pages upside-down and backwards	Callegari	168
rotunda	Rotunda manuscript book-hand font	Wilson	535
roundbox	Round boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	280
roundrect	MetaPost macros for highly configurable rounded rectangles (optionally with text)	Goodman	230
rpg-module	Typesetting old-school Dungeons and Dragons modules	Davis	189
rplain	Redefines the plain pagestyle	Sommerfeldt	451
rputover	Place text over PSTricks objects without obscuring background colors	Osborne	377
RRGtrees	Linguistic tree diagrams for Role and Reference Grammar (RRG) with L <sup>A</sup> T <sub>E</sub> X	Gardner	222
rsc	BibTeX style for use with RSC journals	Wright	539
rsfs	Ralph Smith's Formal Script font	Smith, Hoekwater	449
rsfso	A mathematical calligraphic font based on rsfs	Sharpe	441
RST	Drawing rhetorical structure analysis diagrams in L <sup>A</sup> T <sub>E</sub> X	Reitter	404
rterface	Access to R analysis from within a document	Bogue	154
rtf2latex2e	Convert Rich Text Format (RTF) files to L <sup>A</sup> T <sub>E</sub> X2e	Sathyam, Prah	423
rtf2tex	Convert RTF to T <sub>E</sub> X	Lupton	328
rtkinenc	Input encoding with fallback procedures	Hellström	250
rtklage	Make suit details for German courts	Vosberg	518
rtsched	Draw Real-Time scheduling (GANTT) charts	Lipari	317
rubik	Document Rubik cube configurations and rotation sequences	Nickalls, Syropoulos	360
rubikcube	Typeset Rubik cubes and move notation	Nickalls, Syropoulos	360
rubikrotation	Processes a sequence of Rubik rotations	Nickalls, Syropoulos	360
rubiktwo	Typeset Rubik TwoCubes and move notation	Nickalls, Syropoulos	360
ruhyphen	Russian hyphenation	Volovich	518
rule-d	Provide L <sup>A</sup> T <sub>E</sub> X3 commands for typesetting rules	Kohm	295
ruled-tables	Plain T <sub>E</sub> X table macros, with ruled capability	Myers	356

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ruler	A typographic ruler for $\TeX$	Eijkhout	202
rulerbox	Draw rulers around a box	Yang	543
rulercompass	A TikZ library for straight-edge and compass diagrams	Stacey	454
runcode	Execute foreign source code and embed the result in the pdf file	Bar, Wang	139
rune	Two rune fonts	Grant, Lüddecke	234
runic	Fonts for Anglo-Saxon futhorc script	Wilson	535
runtex	Windows program to run $\TeX$ variant and various utils as needed	Becker	145
russ	$\LaTeX$ in Russian, without babel	Shashkov	442
russian-help	$\LaTeX$ help in Russian	Lubenets	324
rustic	Roman Rustic manuscript book-hand font	Wilson	535
rutitlepage	Radboud University Titlepage Package	Lubbers	323
rviewport	Relative Viewport for Graphics Inclusion	Veytsman	514
rvwrite	Increase the number of available output streams in $\LaTeX$	Radhakrishnan	397
ryersonSGSThesis	Ryerson School of Graduate Studies thesis template	Shoaib	444
ryethesis	Class for Ryerson University Graduate School requirements	Lassaline	308
<b>SSSSS</b>			
s2latex	A scribe to $\LaTeX$ converter	Jacobson, James	267
sa-tikz	TikZ library to draw switching architectures	Fiandrino	211
sacsymb	“Sacred Symbols” prepared with TikZ	Nyaupane	366
sae	Typeset an SAE technical paper	Franke	218
saferef	Safer references through strong typing of references	Ashton	136
sageep	Format papers for the annual meeting of EEGS	Veytsman	514
SageTeX	Embed Sage code and plots into $\LaTeX$	Pasechnik, Drake	383
sam2p	Convert bitmap formats to compact PS/PDF	Szabó	468
samples	Samples of Plain $\TeX$ coding	Unknown	504
sanhyph	Sanskrit hyphenation patterns	Codet	181
sanitize-umlaut	Sanitize umlauts for MakeIndex and pdfLaTeX	Sturm	463
sankey	Draw Sankey diagrams with TikZ	Gaborit	221
sans	Exchange Roman and Sans faces in a document	Knappen	289
sanskrit-t1	Type 1 version of ‘skt’ fonts for Sanskrit	Korop	297
sanskrit	Sanskrit support	Haisman, Wikner	242
sansmath	Maths in a sans font	Arseneau	134
sansmathaccent	Correct placement of accents in sans-serif maths	Barton	141
sansmathfonts	Extended Computer Modern sans serif fonts	Barton	141
sapthesis	Typeset theses for Sapienza-University, Rome	Biccari	151
sarabian	Archaic South Arabian script font	Wilson, Stanier	536
SASnRdisplay	Typeset SAS or R code or output	Madsen	331
sauerj	A bundle of utilities by Jonathan Sauer	Sauer	423
sauter	Wide range of design sizes for CM fonts	Sauter, Nijhof	424
sauterfonts	Use Sauter’s fonts in $\LaTeX$	Barthelmann	140
saveenv	Save environment content verbatim	user202729	507
savefnmark	Save name of the footnote mark for reuse	Kuhlmann	302
savesym	Redefine symbols where names conflict	Göbel	228
savetrees	Optimise the use of each page of a $\LaTeX$ document	Pakin	380
sbtex	A compact $\TeX$ distribution for MS-DOS	Sullivan	463
sc21-wg1	Title page for the old ISO TC97/SC21/WG1 working group	Unknown	504
sc21	Title page for the old ISO TC97/SC21 committee	Unknown	504
scale	Scale document by sqrt(2) or magstep(2)	Sandmann	422
scalebar	Create scalebars for maps, diagrams or photos	Lake	306
scalegnt	Rescale fonts to arbitrary sizes	Carlisle	170
scalrel	Constrained scaling and stretching of objects	Segletes	437
scanpages	Support importing and embellishing scanned documents	Sharpe	441
schedule	Weekly schedules	Alexander, Deneault	129
schedule209	Typeset schedules	Pfennig	387
schemabloc	Draw block diagrams, using TikZ	Papanicola	382



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
schemata	Print topical diagrams	Schaum	426
schemeTeX	Typesetting Scheme programs with L <sup>A</sup> T <sub>E</sub> X	Ramsdell	400
schemeweb	Simple support for literate programming in Lisp	Ramsdell	400
schola-otf	Using the OpenType fonts T <sub>E</sub> X Gyre schola	Voß	522
ScholaX	Extension of T <sub>E</sub> X Gyre Schola (New Century Schoolbook) with math support	Sharpe	441
schooldocs	Various layout styles for school documents	Missier	346
schule	Support for teachers at German schools	Pieper, Kuhaupt, Hilbig	388
schulmathematik	Commands and document classes for German-speaking teachers of mathematics and physics	Wehr	529
schulschriften	German “school scripts” from Suetterlin to the present day	Entenmann	204
schwalbe-chess	Typeset the German chess magazine “Die Schwalbe”	Hoening	256
schwell	Calligraphic font for typesetting handwriting in Schwell style	Ludewig	326
scientific-thes...	Provides cover page and affirmation at the end of a thesis	Kopp	297
scientificauthor	Visual L <sup>A</sup> T <sub>E</sub> X editor	Manhiça	333
scientificpaper	Format a scientific paper for journal publication	Aycock	137
scientificviewer	MacKichan software viewer	Pearson	384
SciKGT <sub>E</sub> X	Mark research contributions in scientific documents and embed them in PDF metadata	Bless	152
sciposter	Make posters of ISO A3 size and larger	Wilkinson	532
SciWordConv	Use Scientific Word/WorkPlace files with another T <sub>E</sub> X	Tuleuov	496
sclang-prettyfier	Prettyprinting SuperCollider source code	Cretel	185
scmac	Typeset scripts with Plain T <sub>E</sub> X	Piaw	387
scontents	Stores L <sup>A</sup> T <sub>E</sub> X contents in memory or files	González Luengo	327
scorecard	Format a Baseball scorecard	Wall	526
Scrabble	Commands for Scrabble boards	Pierquet	388
scraddr	Provide data from scr1tr2’s address files	Kohm	295
scrambledenvs	Create and print scrambled environments	Chen	176
scrartcl	Koma-Script ‘article’ class	Kohm	295
scratch	Draw programs like “scratch”	Tellechea	476
scratch3	Draw programs like “scratch”	Tellechea	476
ScratchX	Include Scratch programs in L <sup>A</sup> T <sub>E</sub> X documents	Ralet	399
scrbase	Provide basic features for KOMA-Script	Kohm	295
scrbook	Koma-Script ‘book’ class	Kohm	295
scrdate	Calendar date operations	Kohm	295
screen	Prepare a document for a simple previewer	Unknown	504
screenplay-pkg	Package version of the screenplay document class	Munn	354
screenplay	A class file to typeset screenplays	Pate	383
scrextend	Use of components of KOMA-Script by other packages	Kohm	295
scriindex	Make index package work with Koma-script classes	Oberdiek	371
script-font	Handwriting font	Vanroose	509
script	Variant report and book styles	Neukam, Lichti	359
scriptfonts	A summary of mathematical script fonts for L <sup>A</sup> T <sub>E</sub> X users	Fairbairns	206
ScriptTeX	Macros for scripts and screenplays	McCarthy	338
scripture	A L <sup>A</sup> T <sub>E</sub> X style for typesetting Bible quotations	Purton	395
scrjrn1	Typeset diaries or journals	Pinson	391
scrjura	Koma-Script support for lawyers, etc	Kohm	295
scrlayer-fancyhdr	Combining package fancyhdr with KOMA-Script’s scrlayer	Kohm	295
scrlayer-noteco...	Control note columns parallel to the main text	Kohm	295
scrlayer-scrpage	Define and manage page styles	Kohm	295
scrlayer	Manage text ‘layers’ within Koma-Script	Kohm	295
scrletter	Letter extention to KOMA-Script classes	Kohm	295
scr1file	Installation control for koma-script packages	Kohm	295
scr1tr2	Koma-Script ‘letter’ class	Kohm	296
scr1tr2copy	A letter class option file for the automatic creation of copies	Niepraschk	363

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
scrpage2	Control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X	Kohm	296
scrreprt	Koma-Script ‘report’ class	Kohm	296
scrtime	Show the time of a L <sup>A</sup> T <sub>E</sub> X run	Kohm	296
scrwfile	Use L <sup>A</sup> T <sub>E</sub> X .aux file in place of \newwrite files	Kohm	296
scsnowman	Snowman variants using TikZ	Yamashita	542
scyrillic	A family of cyrillic fonts	Samarin, Glonti	422
sdaps	L <sup>A</sup> T <sub>E</sub> X support files for SDAPS	Berg	149
sdrt	Macros for Segmented Discourse Representation Theory	Isambert, Robbers	265
sdthesis	Thesis Template of Shandong University	Huang	262
se2thesis	A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany	Lukasczyk	327
secdot	Section numbers with trailing dots	Fairbairns, Carlisle	207
seceqn	Number theorems by section	Leichter	312
secnum	A macro to format section numbering intuitively	Gau	223
secret	Put security classification marks in a document	Duchier	197
section	Modifying section commands in L <sup>A</sup> T <sub>E</sub> X	Pretzel	394
sectionbox	Create fancy boxed ((sub)sub)sections	Wilkinson	532
sectionbreak	L <sup>A</sup> T <sub>E</sub> X support for section breaks	Hoftich	258
sectsty	Control sectional headers	McDonnell	339
seealso	Improve the performance of \see macros with makeindex	Liu	317
sehph	Hyphenation patterns for Swedish	Rynning	421
selectp	Select pages to be output	Arseneau	134
selectpage	Select pages to be output from a document	Knuth	292
selinput	Semi-automatic detection of input encoding	Oberdiek	371
selnolig	Selectively disable typographic ligatures	Loretan	322
SemanTeX	Semantic, keyval-based mathematics	Ørsted	376
semantic-markup	Meaningful semantic markup in the spirit of the Text Encoding Initiative	Cashner	173
semantic	Help for writing programming language semantics	Neergaard, Glenstrup	358
semaphor	Semaphore alphabet font	Zýka	552
semesterplanner	Create beautiful semester timetables and more	Schneider	431
seminar	Make overhead slides	Van Zandt, Rahtz, Girou, Voß	547
semioneside	Put only special contents on left-hand pages in two sided layout	Hennig	253
semproc	Seminar proceedings	Columbus	183
SemTeX	Deals with stripped SemanTeX documents	Ørsted	376
semtrans	Transliteration of semitic languages	Knappen	289
sentences	Numbered lists for sentences	Unknown	504
sepfootnotes	Support footnotes and endnotes from separate files	Lourenço de Lima	316
seppnum	Print numbers in a “friendly” format	Raichle	399
seqsplit	Split long sequences of characters in a neutral way	Veytsman	514
serbian-apostrophe	Commands for Serbian words with apostrophes	Filipović	211
serbian-book	Support for use of memoir in Serbian	Filipović	211
serbian-date-lat	Updated date typesetting for Serbian	Filipović	211
serbian-def-cyr	Serbian cyrillic localization	Filipović	212
serbian-lig	Control ligatures in Serbian	Filipović	212
serbianpart	Redefines \thepart to be used in Roman lettered Serbian	Filipović	212
serial	Generate serial letters	Pedersen	385
sesmanuel	Class and package for sesamath books or paper	Charpentier	175
sesstime	Session and timing information in lecture notes	Beisert	147
setdeck	Typeset cards for Set	Whieldon	531
setouterhbox	Set hbox in outer horizontal mode	Oberdiek	371
setspace	Set space between lines	Harris, Tobin, Fairbairns, Carlisle	247
setstrut	Automatic strut computation	von Bechtolsheim	145

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
settoebox	Assigning dimensions of a box to a length register	Oberdiek	372
settosize-ltx	Scale text to make it fit a given width	Rahtz	398
settosize	Scale text to given width	Taylor	475
seu-ml-assign	Southeast University Machine Learning Assignment template	van Jerry	270
seuthesis	L <sup>A</sup> T <sub>E</sub> X template for theses at Southeastern University	Yuan	545
seuthesisx	L <sup>A</sup> T <sub>E</sub> X class for theses at Southeast University, Nanjing, China	Fan	208
sexam	Package for typesetting arabic exam scripts	Laouidji	308
sf298	Standard form 298	Cochran, Rochford	181
sfarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 article style with an sf switch	Partl, Simon	383
sfms	Typesetting science fiction/fantasy manuscripts	DeMarco	190
sfg	Draw signal flow graphs	Schmid	428
sfheaders	Sans headers	Loreti	323
sfmath	Sans-serif mathematics	Dietrich	192
sfwmac	A set of definitions for Unix system documentation	Unknown	504
sgame	L <sup>A</sup> T <sub>E</sub> X style for typesetting strategic games	Osborne	377
sgmlcmt	Support for L <sup>A</sup> T <sub>E</sub> X formulae as SGML PCDATA	Knappen	289
shadbox	Shade the background of any box	Glazkov	227
shade	Shade pieces of text	Schmitt	430
shadebox	Shade boxes using PostScript specials	Brewin, Šegan	160
Shaded theorems	Theorem environments that are shaded	Hefferon	248
shading	L <sup>A</sup> T <sub>E</sub> X package for putting text on a shaded background	Mulder	352
shadow	Shadow boxes	Orlandini	376
shadowtext	Produce text with a shadow behind it	Zwols	552
shalom	A simple Hebrew typesetting bundle	Böttcher	157
shapepar	A macro to typeset paragraphs in specific shapes	Arseneau	134
shapepatch	Transfig patch supporting shapepar	Gollwitzer	229
shapes	Draw polygons, reentrant stars, and fractions in circles with MetaPost	Goodman	231
shavian	A Shavian spelling alphabet font	Stanier	455
shdoc	Float environment to document the shell commands of a terminal session	Laube	308
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	487
shhyph1	Serbo-Croatian hyphenation (Latin alphabet)	Muhamedagić	352
shipunov	A collection of L <sup>A</sup> T <sub>E</sub> X packages and classes	Shipunov	443
shlatex	L <sup>A</sup> T <sub>E</sub> X compilation script for Linux (written in Bash)	Hilléreau	255
shobhika	An OpenType Devanāgarī font designed for scholars	Kolachana	296
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	483
shortcuttool	Enables shortcut file import to the input tool Shortcut	Mehl	341
shortlst	Compact lists by running several items per line	Hansen	243
shortmathj	Automatically shortify titles of mathematical journals	Avdeev	137
shorttoc	Table of contents with different depths	Drucbert	196
shortvrb	Abbreviated verbatim commands	L <sup>A</sup> T <sub>E</sub> X Team	487
show2e	Variants of \show for L <sup>A</sup> T <sub>E</sub> X2e	Pégourié-Gonnard	385
showcharinbox	Show characters inside a box	Khalighi, bidi-tex GitHub Organisation	280
showdim	Variants on printing dimensions	Downes	195
showexpl	Typesetting L <sup>A</sup> T <sub>E</sub> X source code	Niepraschk	363
showframe	Draw a page-layout diagram	Niepraschk	363
showhyphenation	Marking of hyphenation points	Kelkel	277
showhyphens	Show all possible hyphenations in LuaLaTeX	Gundlach	240
showkerning	Showing kerns in a document	Kelkel	277
showkeys	Show label, ref, cite and bib keys	Carlisle	170
showlabels	Show label commands in the margin	Gray	235
showtags	Print the tags of bibliography entries	Beebe	146
shsulet	A letter document style for use at SHSU	Greenwade	236

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ShtThesis	An unofficial L <sup>A</sup> T <sub>E</sub> X thesis template for ShanghaiTech University	Li	315
shuffle	A symbol for the shuffle product	Lejay, Gilbey	313
si	A comprehensive (SI) units package	Wright	539
siam	Styles for SIAM publications	Gray, Cipolone	234
side	Rotated floats for L <sup>A</sup> T <sub>E</sub> X 2.09	Knight, Ryba	290
sidecap	Typeset captions sideways	Niepraschk, Gäßlein	363
sidenotes	Typeset notes containing rich content, in the margin	Thomas	489
sidenotesplus	Place referenced notes, alerts, figures and tables into the document margin	Vrba	524
sides	A L <sup>A</sup> T <sub>E</sub> X class for typesetting stage plays	Mui	352
siggraph	SIGGRAPH conference class	Kartch	276
signchart	Create beautifully typeset sign charts	Mottaz	351
Sikumuna	Lyx template for Hebrew article format	Rutenberg	421
silence	Selective filtering of error messages and warnings	Pock, Isambert	392
sillypage	John Cleese’s Silly Walk as page numbering style	Cereda	173
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	436
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	436
simplebnf	A simple package to format Backus-Naur form (BNF)	Lee	310
simplecd	Simple CD, DVD covers for printing	Majoros	332
simplecv	A simple class for writing curricula vitae	Lasgouttes	308
simpleicons	Simple Icons for L <sup>A</sup> T <sub>E</sub> X	Bose	156
simpleinvoice	Easy typesetting of invoices	Lohne	318
simplekv	A simple key/value system for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Tellechea	476
simplenodes	Simple nodes in four colors written in TikZ for L <sup>A</sup> T <sub>E</sub> X	Vergauwen	511
simpleoptics	Drawing lenses and mirrors for optical diagrams	Cawood	173
simpler-wick	Simpler Wick contractions	Ellis	203
simples-matrices	Define matrices by given list of values	Henel	252
simplewick	Simple Wick contractions	Kolorenc	297
simplified-latex	A Simplified Introduction to L <sup>A</sup> T <sub>E</sub> X	Greenberg, Luecking	235
simplivre	Write your books in a simple and clear way	XU	541
simpsons	Metafont source for Simpsons characters	Chen	176
simurgh	Typeset Parsi in LuaLaTeX	Khalighi, bidi-tex GitHub Organisation	280
sines	Calculate sin function values	Walker	526
sinhala	Support for the Sinhala language	Saparamadu	423
sirlin	Fonts and macros for typesetting Tibetan	Sirlin	447
SIstyle	Package to typeset SI units, numbers and angles	Els, Wright	203
sitem	Save the optional argument of \item	Majkrzak	332
siunits	International System of Units	Wright, Heldoorn	539
siunitx	A comprehensive (SI) units package	Wright	539
skak	Fonts and macros for typesetting chess games	Hoffmann	257
SkakNew	The skak chess fonts redone in Adobe Type 1	Dirr	193
skb	Tools for a repository of long-living documents	van der Meer	341
skdoc	Documentation and extraction for packages and document classes	Sigurdhsson	446
skldoc	Placeholders for unfinished documents	Hetland	254
sketch	A 3d sketch language translator	Ressler	404
skeycommand	Create commands using parameters and keyval in parallel	Musa	356
skeyval	Key-value parsing combining features of xkeyval and pgfkeys	Musa	356
skills	Create proficiency tests	Giraud	227
skmath	Extensions to the maths command repertoire	Sigurdhsson	446
skrapport	‘Simple’ class for reports, etc.	Sigurdhsson	446
skull	A font to draw a skull	Grove	238
slantsc	Access different-shaped small-caps fonts	Harders	246
slashbox	Both column and row headings in a tabular cell	Yasuoka, Sato	543

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
slashed	Put a slash through characters	Carlisle	170
slatex-scheme	A pretty-printer for Scheme code in T <sub>E</sub> X documents	Sitaram	447
slatex	L <sup>A</sup> T <sub>E</sub> X support for writing Swedish	Mattison	337
slem	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X 2.09	Furuta	221
slemph	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X	Swift	465
slhyph	Slovenian hyphenation patterns	Vrečko, Žlajpah	524
slidenotes	Typeset slides accompanied by notes	van der Meer	341
slides	Class for creating slides	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	347
slideshow	Generate slideshow with MetaPost	McPhee	340
sltables	Simplified tables for L <sup>A</sup> T <sub>E</sub> X	Shipunov	443
smallcap	Promote small caps to a font family, so NFSS can deal with different shapes	Taupin	475
smaller	Choose an "adjacent" size in L <sup>A</sup> T <sub>E</sub> X	Cosell, Hosek	184
smalltableof	Create listoffigures etc. in a single chapter	Mathieu	336
smalltalk	Typeset Smalltalk program fragments	Wolczko	537
smart-eqn	Automatic math symbol styling for L <sup>A</sup> T <sub>E</sub> X documents	Xiang	540
smartdiagram	Generate diagrams from lists	Fiandrino	211
smartmn	Make hyphens print as minus signs where appropriate	Knappen	289
smartref	Extend L <sup>A</sup> T <sub>E</sub> X's \ref capability	Bilotta	151
smartunits	Converting between common metric and Imperial units	Mathas	335
smflatex	Classes for Société mathématique de France publications	Chambert-Loir	174
SmileTeX	Create L <sup>A</sup> T <sub>E</sub> X documents and more from simple texts	Schüler	434
snapshot	List the external dependencies of a L <sup>A</sup> T <sub>E</sub> X document	The AMS, Downes	483
snaptodo	A todo that snaps to the closer side	Wang	527
snote	Shaped notes for MusicTeX	Colburn	182
snotez	Typeset notes, in the margin	Niederberger	362
sober	Makes appearance of standard styles more "sober"	Poppelier	393
sobolev	Commands for dealing with Sobolev spaces (and relatives)	Bosisio	157
softfonts	Manage the "soft fonts" in a LaserWriter printer	Small Planet Software	448
softmaker-altes...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Alte Schwabacher font	Kleber	285
softmaker-artistic	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Artistic font	Kleber	285
softmaker-baske...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Baskerville Nova fonts	Kleber	285
softmaker-bonita	L <sup>A</sup> T <sub>E</sub> X Support files for SoftMaker Bonita	Kleber	285
softmaker-broadway	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Broadway fonts	Kleber	285
softmaker-canossa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Canossa fonts	Kleber	286
softmaker-congress	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	286
softmaker-delan...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Delano Caps font	Kleber	286
softmaker-digital	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Digital fonts	Kleber	286
softmaker-egypt...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker EgyptienneStd fonts	Kleber	286
softmaker-flags...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Flagstaff font	Kleber	286
softmaker-grenoble	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Grenoble fonts	Kleber	286
softmaker-helium	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	286
softmaker-heliu...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	286
softmaker-hende...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Henderson font	Kleber	286
softmaker-iceberg	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Iceberg font	Kleber	286
softmaker-inver...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Inverserif font	Kleber	286
softmaker-jugen...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Jugendstil font	Kleber	286
softmaker-marse...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Marseille fonts	Kleber	286
softmaker-moab	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Moab font	Kleber	286
softmaker-nevada	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Nevada fonts	Kleber	286
softmaker-newca...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Newcastle fonts	Kleber	286
softmaker-oldbl...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Old Blackletter font	Kleber	286
softmaker-quadrat	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Quadrat fonts	Kleber	287
softmaker-stone...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Stone Handwriting font	Kleber	287



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
softmaker-sunset	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Sunset fonts	Kleber	287
softmaker-tampa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	287
softmaker-vagro...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker VAGRounded font	Kleber	287
softmaker-velo	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Velo font	Kleber	287
softmaker-veracruz	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Veracruz fonts	Kleber	287
softmakerfreefont	Support files for SoftMaker free fonts	Kleber	287
somedefs	Save loading all of another package	Jeffrey, L <sup>A</sup> T <sub>E</sub> X Team	269
songbook	Package for typesetting song lyrics and chord books	Rath	401
songproj	Generate Beamer slideshows with song lyrics	Ortolo	377
songs	Produce song books for church or fellowship	Hamlen	243
sorhyph	Upper Sorbian hyphenation patterns	Werner	530
sort-by-letters	Bibliography styles for alphabetic sorting	van Oudenhove	377
soton	University of Southampton-compliant slides	Blanco	152
soul	Hyphenation for letterspacing, underlining, and more	Oberdiek	372
soulpos	A fancy means of underlining	Bezós López	319
soup	Generate alphabet soup puzzles	Simers	446
source2e	LaTeX2e kernel documentation for the entire system as one document	L <sup>A</sup> T <sub>E</sub> X Team	487
sourcecodepro	Use SourceCodePro with T <sub>E</sub> X(-alike) systems	Hofstra	257
SourceSansPro	Use SourceSansPro with T <sub>E</sub> X(-alike) systems	Hofstra	257
sourceserifpro	Use SourceSerifPro with T <sub>E</sub> X(-alike) systems	Hofstra	257
SouthArabian	A font for an archaic South Arabia script	Stanier	455
soyombo	Fonts and a macro for Soyombo under L <sup>A</sup> T <sub>E</sub> X	Corff	184
spacekern	Kerning between words and against space	Kelkel	277
spacingtricks	Dealing with some spacing issues	Missier	346
spain	Bibliography style for Spanish documents	Fernandez	210
spalign	Typeset matrices and arrays with spaces and semicolons as delimiters	Rabinoff	396
spanish-mx	Typeset Spanish as in Mexico	Rivera	407
spark-otf	Support OpenType Spark fonts	Voß	522
sparklines	Drawing sparklines: intense, simple, wordlike graphics	Löffler, Luecking, van Mil- tenburg	317
spath3	Manipulate “soft paths” in PGF	Stacey	454
spbookmark	Customize superscripts and subscripts	Yi	545
spectral	Spectral fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
spectralsequences	Print spectral sequence diagrams using PGF/TikZ	Chatham	175
spelling	Support for spell-checking of LuaTeX documents	Hennig	253
sphack	Patch L <sup>A</sup> T <sub>E</sub> X kernel spacing macros	Pretzel	394
sphdthesis	L <sup>A</sup> T <sub>E</sub> X template for writing PhD Thesis	Garg	222
sphyphb	Experimental Spanish hyphenation patterns	Medina	341
spiderweb	A tool for building WEB systems	Ramsey	400
spie	Support for formatting SPIE Proceedings manuscripts	Hanson, SPIE Support	243
SpiX	Yet another T <sub>E</sub> X compilation tool: simple, human readable, no option, no magic	Paternault	384
splines	MetaPost macros for drawing cubic spline interpolants	Luecking	327
splint	Write LALR(1) parsers in T <sub>E</sub> X using bison and flex	Shibakov	443
split	Box two chunks of text side-by side	Skinner	448
splitbib	Split and reorder your bibliography	Markey	334
splitindex	Unlimited number of indexes	Kohm	296
spot	Spotlight highlighting for Beamer	Hendrickson	251
spotcolor	Spot colours for pdfLaTeX	Elstner	203
spreadtab	Spreadsheet features for L <sup>A</sup> T <sub>E</sub> X tabular environments	Tellechea	476
springer	Macros for Springer journals	Springer Verlag	454
sprite	Macros to typeset simple bitmaps with L <sup>A</sup> T <sub>E</sub> X	Costabel	184
spverbatim	Allow line breaks within \verb and verbatim output	Pakin	380
SQLTeX	An SQL Preprocessor for L <sup>A</sup> T <sub>E</sub> X	van Eijk	201
sqrcaps	Square Capitals manuscript book-hand font	Wilson	535

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sr-half-compound	Hyphenation of Serbian half-compound words in cyrillic scripts	Filipović	212
sr-hyphen-spec	Hyphenation of special cases in Serbian	Filipović	212
sr-vorl	Class for Springer books	Dabelow	186
srbtiks	Font STIX2 for Serbian and Macedonian	Stefanović	456
srcltx	Jump between DVI and T <sub>E</sub> X files	Ulrich	497
srcredact	A tool for redacting sources	Veytsman	515
srdp-mathematik	Typeset Austrian SRDP in mathematics	Weberndorfer	528
srhyphc	Hyphenation patterns for Serbian Cyrillic	Jelenak	269
srune	Saxon rune font	Lüddecke	326
sseq	Typesetting spectral sequence charts	Bauer	142
sshdbk10	Sans headers in book style	Unknown	504
sslides	Slides with headers and footers	Salimi	422
ssquote	Use the cmssq fonts	Vieth, Goossens	516
stables	Simplified Plain T <sub>E</sub> X tables	Nilsson	364
stabular	Multipage tabular	Tolušis	492
stack	Tools to define and use stacks	Bayart	142
stackengine	Highly customised stacking of objects, insets, baseline changes, etc	Segletes	437
stackrel	Enhancement to the \stackrel command	Oberdiek	372
stage	A L <sup>A</sup> T <sub>E</sub> X class for stage plays	Thomas, Jahrling	489
stampinclude	Inclusion based on .aux file date stamps	Oberdiek	372
standalone	Compile T <sub>E</sub> X pictures stand-alone or as part of a document	Scharrer	426
stanli	TikZ Library for Structural Analysis	Hackl	241
starfont	The StarFont Sans astrological font	Skala	447
starray	A structured array (of properties) based on expl3	Frigeri	220
startex	An XML-inspired format for student use	Langmyhr	307
statex	Statistics style	Sparapani	451
statex2	Statistics style	Sparapani	452
statistics	Compute and typeset statistics tables and graphics	Rivaud	406
statistik	Store statistics of a document	Niedermair	362
statmath	A L <sup>A</sup> T <sub>E</sub> X package for simple use of statistical notation	Ankargren	131
statrep	Displays SAS code and results of running the code	Arnold	133
staves	Typeset Icelandic staves and runic letters	Syropoulos	466
stdclsdv	Provide sectioning information for package writers	Robertson, Wilson	410
stdpage	Standard pages with n lines of at most m characters each	Verweyen	512
stealcaps	“Steal” small capitals	Giannotti	225
steinmetz	Print Steinmetz notation	Gregorio	237
stellenbosch	Stellenbosch thesis bundle	Els	203
step	A free Times-like font	Miller	345
stepgreek	A free Times/Elsevier-style Greek font	Miller	345
sTeX	An Infrastructure for Semantic Preloading of L <sup>A</sup> T <sub>E</sub> X Documents	Kohlhase, Müller	294
stfloats	Commands to control the presentation of floats	Tolušis	492
SticksToo	A reworking of STIX2	Sharpe	442
stix	OpenType Unicode maths fonts	The STI Pub Companies, Doyle, Hosny, Robertson, Jones	489
stix2-otf	OpenType Unicode text and maths fonts	The STI Pub Companies, Jones	489
stix2-type1	Type1 versions of the STIX Two OpenType fonts	The STI Pub Companies, Jones	489
stmaryrd	St Mary Road symbols for theoretical computer science	Jeffrey, Gibbons, Hoekwater	269
stoneipa	Support for the Stone Sans Phonetic font	Velleman	510
storebox	Storing information for reuse	Scharrer	426
storecmd	Store the name of a defined command in a container	Musa	356
strands	Draw objects constructed from strands	Arcis	132
streetex	Structural organic chemistry	Strokov	462

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
stricttex	Strictly balanced brackets and numbers in command names	Ørsted	376
string-diagrams	Create string diagrams with L <sup>A</sup> T <sub>E</sub> X and TikZ	Brasolin	159
stringenc	Converting a string between different encodings	Oberdiek	372
stringstrings	String manipulation for cosmetic and programming application	Segletes	437
structmech	A TikZ command set for structural mechanics drawings	Chang	174
struktex	Draw Nassi-Shneiderman charts	Hoffmann	256
sttools	Various macros	Tolušis, Statulevičius	492
stubs	Create tear-off stubs at the bottom of a page	Stuhrmann	463
Student Handouts	Management and styling of student handout projects	Fennell	210
studies-lm	An interactive L <sup>A</sup> T <sub>E</sub> X course for students	Römer	414
sty2dtx	Create a .dtx file from a .sty file	Scharrer	426
style-showcase	Make a web page to compare styles	Hefferon	248
styledcmd	Handling multiple versions of user-defined macros	De Donato	194
suanpan	MetaPost macros for drawing Chinese and Japanese abaci	Roegel	412
subcaption	Support for sub-captions	Sommerfeldt	451
subdepth	Unify maths subscript height	Robertson	408
subdocs	Multifile documents	Bezós López	319
subeqn	Package for subequation numbering	Arseneau, Braams	135
subeqnarray	Equation array with sub numbering	Braams	158
subfig	Figures broken into subfigures	Cochran, Khalighi, bidi-tex GitHub Organisation	181
subfigmat	Automates layout when using the subfigure package	Kleb	284
subfigure	Deprecated: Figures divided into subfigures	Cochran	181
subfiles	Individual typesetting of subfiles of a “main” document	Salzer, Garcia-De Castro	422
subfloat	Sub-numbering for figures and tables	Harders	246
sublabel	Sub-number counters	Daly	187
subscript	Provides the \textsubscript command	Fairbairns, Carlisle	207
substances	A database of chemicals	Niederberger	362
substitutefont	Easy font substitution	Milde	344
substr	Deal with substrings in strings	Harders	246
subsupscripts	A range of sub- and superscript commands	Bresciani	160
subtext	Easy text-style subscripts in math mode	Jørgensen	272
sudoku	Create sudoku grids	Abraham	127
sudokubundle	A set of sudoku-related packages	Wilson	535
sueterlin	Calligraphic font for typesetting handwriting in Sütterlin style	Ludewig	326
suffix	Define commands with suffixes	Kastrup	277
suftesi	A document class for typesetting theses, books and articles	Valbusa	508
sugconf	SAS(R) user group conference proceedings document class	Fehd	209
superiors	Attach superior figures to a font family	Sharpe	442
supertabular	A multi-page tables package	Braams	158
suppose	Abbreviate the word “Suppose”	Lounsbury	323
susy	Macros for SuperSymmetry-related work	Turlay	496
suthesis	Typeset a Stanford University thesis	Pallas	380
sverb	A set of verbatim text manipulations	Wooding	538
svg-inkscape	How to include an SVG image in L <sup>A</sup> T <sub>E</sub> X using Inkscape	Engelen	204
svg	Include and extract SVG pictures in L <sup>A</sup> T <sub>E</sub> X documents	Hanisch, Ilten	243
svgcolor	Define SVG named colours	Caprio	169
svn-multi	Subversion keywords in multi-file L <sup>A</sup> T <sub>E</sub> X documents	Scharrer	426
svn-prov	Subversion variants of \Provides... macros	Scharrer	426
svn	Typeset Subversion keywords	Lewis	315
svninfo	Typeset Subversion keywords	Brucker	162
svrsymbols	A font with symbols for use in physics texts	Syropoulos	467
swebib	Swedish bibliography styles	Engelbrechtsen	204
swetex	Plain T <sub>E</sub> X support for writing Swedish	Engdahl	204
swfigure	Insert large images that do not fit into a single page	Beccari	144

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
swiftex	Edit doc.sty and normal L <sup>A</sup> T <sub>E</sub> X files with GNU Emacs	Swift	465
Swimgraf	Graphical/textual representations of swimming performances	Osborne	377
switcheml	Obfuscate email addresses (now obsolete)	Duan	197
swrule	Lines thicker in the middle than at the ends	Dussa	199
swungdash	Typeset a swung dash in L <sup>A</sup> T <sub>E</sub> X	Granet	233
syllogism	Typeset syllogisms in L <sup>A</sup> T <sub>E</sub> X	Vaughan	510
symbats3	Macros to use the Symbats3 dingbats fonts	Flynn	216
symbolindex	Generate a list of symbols with different subgroups	Holzmann	259
SympyCalc	Work with SymPy and PyLuaTeX	Pierquet	388
sympytex	Include symbolic computation (using sympy) in documents	Molteno	348
Synapsen	Reference management tool for BibTeX	Krajewski	298
synctex-parser	SyncTeX output file parser	Laurens	309
syngen	A tool for generating syntax diagrams from BNF	Klöcker	288
synproof	Easy drawing of syntactic proofs	Isambert, Robbers	265
syntax-mdw	Typeset syntax descriptions	Wooding	538
syntax2	Creation of syntax diagrams	Worsch	538
syntaxdi	Create “railroad” syntax diagrams	Pieper, Kuhaupt, Hilbig	388
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	347
syntrace	Labels for tracing in a syntax tree	Mathieu	336
synttree	Typeset syntactic trees	van Zuijlen	551
syriac	A font for Syriac written in Estrangelo	Stanier	455
syscontrolletters	Support for Systems and Control Letters	Balemi, Truöl	138
systeme	Format systems of equations	Tellechea	476
<b>TTTT</b>			
t-angles	Draw tangles, trees, Hopf algebra operations and other pictures	Lyubashenko, Bespalov	330
t1-fraktur	A pair of fraktur font families in T1 encoding	Kurz, Taupin	303
t1enc	Standard package for activating ec fonts	L <sup>A</sup> T <sub>E</sub> X Team	487
t1infos	Utilities for PostScript fonts	Baruchel	141
T1Subset	A C++ library for subsetting PostScript Type 1 fonts	Frane Jr	273
t1tools	Facilities for handling Adobe Type 1 fonts	Wolff	537
t1utils	Simple Type 1 font manipulation programs	Hetherington, Kohler	254
t2	Support for using T2 encoding	Volovich, Lemberg	518
tab4tex	Preprocessor for L <sup>A</sup> T <sub>E</sub> X tabular environments	Milanese	344
tabbing	Tabbing with accented letters	Drucbert	196
tabbingbox	Save a tabbing environment in a box	Unknown	504
tabfigures	Maintain vertical alignment of figures	Ummels	497
table-fct	Draw a variations table of functions and a convexity table of its graph	Lakhdar	306
tableauVariations	Variation tables in MetaPost	Mazoit	338
tableaux	Construct tables of signs and variations	Kisselhoff	284
tablefootnote	Permit footnotes in tables	Münch	353
tableof	Tagging tables of contents	Burnol	165
tables	Tables without the need for a preamble	Cowan, Taylor	185
tablestyles	Styles for tables with new commands	Pospiech	393
tablists	Tabulated lists of short items	Lapko	308
tablor	Create tables of signs and of variations	Connan	183
tabls	Better vertical spacing in tables and arrays	Arseneau	134
tablvar	Typesetting pretty tables of signs and variations according to French usage	Missier	346
tabriz-thesis	A template for the University of Tabriz	Damanafshan	188
tabsatz	How to use tables in L <sup>A</sup> T <sub>E</sub> X	Reichert	403
tabstackengine	“Tabbing” front-end to stackengine	Segletes	437
tabto-generic	”Tab” to a measured position in the line	Arseneau	135
tabto-ltx	“Tab” to a measured position in the line	Arseneau	135
tabu	Flexible L <sup>A</sup> T <sub>E</sub> X tabulars	Chervet	177

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tabularborder	Remove excess space at left and right of tabular	Fink	212
tabularcalc	Calculate formulas in a tabular environment	Tellechea	476
tabularew	A variation on the tabular environment	Saba	422
tabularht	Tabular environments with height specified	Oberdiek	372
tabularkv	Tabular environments with key-value interface	Oberdiek	372
tabulararray	Typeset tabulars and arrays with L <sup>A</sup> T <sub>E</sub> X3	Lyu	329
tabulars-e	Examples from the book "Typesetting tables with L <sup>A</sup> T <sub>E</sub> X"	Voß	522
tabularx	Tabulars with adjustable-width columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
tabulary	Tabular with variable width columns balanced	Carlisle	170
tabvar	Typesetting tables showing variations of functions	Flipo	215
tabverb	Verbatim text respecting TAB characters	Fine	212
tagging	Document configuration with tags	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	318
tagpair	Word-by-word glosses, translations, and bibliographic attributions	Nolda	364
tagpdf	Tools for experimenting with tagging using pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Fischer	214
talk	A L <sup>A</sup> T <sub>E</sub> X class for presentations	Wiebusch	531
talos	A Greek cult font from the eighties	Tsolomitis	495
tamefloats	Experimentally use \holdinginserts with L <sup>A</sup> T <sub>E</sub> X floats	Lück	326
TameTheBeast	A manual about bibliographies and especially BibTeX	Markey	334
tamil-omega	Tamil support for Omega/Aleph	Alex	129
tangle	Generate compilable source from web	Knuth	292
tango-weevil	A simple Web system	Minyard	345
tangocolors	Use colors from the Tango color palette	Preuße	394
TangramTikZ	Tangram puzzles, with TikZ	Pierquet	389
tap	TeX macros for typesetting complex tables	Jackowski, Pianowski, Strzelczyk	266
tape	Generate cassette labels from a simple database	Podar	392
tapir	A simple geometrical font	Mitek	346
tasks	Horizontally columned lists	Niederberger	362
taylor	Macros for category-theoretic diagrams	Taylor	475
tbe	Extracts from "TeX by Example"	Borde	155
tccompat	Provide compatibility names for textcomp.sty	Knappen	289
tcldoc	Doc/docstrip for tcl	Hellström	250
tcitexed	L <sup>A</sup> T <sub>E</sub> X editor written in TCL	Strauß	462
tcobrowser	Local browsing of the Catalogue on Mac OS X	Maxwell	337
tcolorbox	Coloured boxes, for L <sup>A</sup> T <sub>E</sub> X examples and theorems, etc	Sturm	463
tcvn	Vietnamese Windows support	Quy	396
tdclock	A ticking digital clock package for PDF output	Randez	400
tds	The T <sub>E</sub> X Directory Structure standard	TUG TWG-TDS	496
tdsfrmath	Macros for French teachers of mathematics	Henel	252
techexplorer	Browser plugin for viewing T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X sources	IBM Corporation	264
Technica	Typesetting for the humanities	Boggio-Togna	154
technics	A package to format technical documents	Nilsson	364
technion-thesis...	Template for theses on the Technion graduate school	Shuval	444
techreport	Generate Technical Reports using USC thesis style	Cochran	181
ted	A (primitive) token list editor	Pégourié-Gonnard	385
TeEncontreX	Help for users of T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Algaba	130
telprint	Format German phone numbers	Oberdiek	372
telugu	(La)TeX Support for writing the Telugu Language	Mukkavilli	352
templates-fenn	Templates for T <sub>E</sub> X usage	Fenn	210
templates-sommer	Templates for T <sub>E</sub> X usage	Sommer	450
templatetools	Commands useful in L <sup>A</sup> T <sub>E</sub> X templates	Pospiech	393
tempora	Greek and Cyrillic to accompany Times	Sharpe	442
tengtex	Typesetting in Tolkien's Tengwar script	Derzhanski	191
tengwar	Font to set Tolkien's Tengwar script	Urban	507
TengwarScript	L <sup>A</sup> T <sub>E</sub> X support for using Tengwar fonts	Fernández Galván	222



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tensind	Typeset tensors	Bezos López	319
tensor	Typeset tensors	Piff, Ratcliffe	390
termcal-de	German localization for termcal	Friedl	219
termcal	Print a class calendar	Mitchell	346
termes-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Termes	Voß	522
termlist	Label any kind of term with a continuous counter	Rellermeyer	404
termmenu	The package provides support for terminal-based menus using expl3	Allred	130
termsim	Simulate Win10, Ubuntu, and Mac terminals	Geng	224
tesla	A special-purpose language for knowledge base rules	Baragar, Harris	139
testeq	An equality test for use in MetaPost	Vieth	516
testflow	A tool to validate PS/PDF output from L <sup>A</sup> T <sub>E</sub> X	Shell	443
testfont	A testbed for font evaluation	Knuth	292
testhyphens	Testing hyphenation patterns	Beccari	144
testidx	Dummy text for testing index styles and indexing applications	Talbot	472
testmath	Examples of the AMS-L <sup>A</sup> T <sub>E</sub> X package	The AMS	483
tetex	Obsolete T <sub>E</sub> X distribution for Unix/Linux	Esser	205
tetragonos	Four-Corner codes of Chinese characters	Yang	543
teubner	Philological typesetting of classical Greek	Beccari	144
tex--xet	Bidirectional extension of T <sub>E</sub> X	Breitenlohner, Knuth, MacKay	160
TeX Converter	Windows front-end to various L <sup>A</sup> T <sub>E</sub> X to HTML converters	Mayer	338
tex-ewd	Macros to typeset calculational proofs and programs in Dijkstra's style	Helbig	250
tex-extensions	Proposals for extensions to T <sub>E</sub> X	Clasen	181
tex-font-errors...	Cheat sheet outlining the most common T <sub>E</sub> X font errors	Schlömer	428
TeX-FPC	A collection of change files for a T <sub>E</sub> X system based on Free Pascal	Helbig	250
TeX-GPC	A collection of change files for a T <sub>E</sub> X system based on GNU Pascal	Helbig	250
tex-gyre-adventor	A font family that extends URW Gothic L	Jackowski, Nowacki	266
tex-gyre-bonum	A font family that extends URW Bookman L	Jackowski, Nowacki	266
tex-gyre-chorus	A font that extends URW Chancery L	Jackowski, Nowacki	266
tex-gyre-cursor	A font that extends URW Nimbus Mono L	Jackowski, Nowacki	266
tex-gyre-heros	A font family that extends URW Nimbus Sans L	Jackowski, Nowacki	266
tex-gyre-math-b...	Maths fonts to match T <sub>E</sub> X Gyre Bonum	Jackowski, Strzelczyk, Pianowski	267
tex-gyre-math-d...	Maths fonts to match T <sub>E</sub> X Gyre DejaVu	Jackowski, Pianowski, Strzelczyk	266
tex-gyre-math-p...	Maths fonts to match the tex-gyre-pagella text font	Jackowski, Pianowski, Strzelczyk	266
tex-gyre-math-s...	Maths fonts to match T <sub>E</sub> X Gyre Schola	Jackowski, Pianowski, Strzelczyk	266
tex-gyre-math-t...	Maths fonts to match T <sub>E</sub> X Gyre Termes	Jackowski, Pianowski, Strzelczyk	267
tex-gyre-math	Maths fonts to match tex-gyre text fonts	Jackowski, Pianowski, Strzelczyk	266
tex-gyre-pagella	A font family that extends URW Palladio L	Jackowski, Nowacki	266
tex-gyre-schola	A font that extends URW Century Schoolbook L	Jackowski, Nowacki	266
tex-gyre-termes	A font family that extends URW Nimbus Roman	Jackowski, Nowacki	266
tex-gyre	TeX Fonts extending freely available URW fonts	Jackowski, Nowacki	266
tex-implementors	Entries from the tex-implementors mailing list	Beeton, Berry	146
tex-ini-files	Model T <sub>E</sub> X format creation files	Wright	539
tex-it	Controller for T <sub>E</sub> X processing	Walsh	526
tex-kurs	A L <sup>A</sup> T <sub>E</sub> X (2.09) course in German	Rupprecht	421
tex-label	Place a classification on each page of a document	Komarath	297
tex-locale	Localisation support for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X documents	Talbot	472
TeX-mag	An on-line T <sub>E</sub> X magazine	Hosek	260

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tex-math	Maths mode documentation for OS/2 users	Hahn	241
TeX-nutshell	A short document about T <sub>E</sub> X principles	Olšák	375
tex-overview	An overview of the development of T <sub>E</sub> X	Trautmann	493
tex-ps	TeX to PostScript generic macros and add-ons	BOP, Nowacki	155
tex-references	References for T <sub>E</sub> X and Friends	Wiedmann	532
tex-virtual-aca...	TeX usage web pages, in Polish	Wawrykiewicz, Przechlewski	528
tex-vpat	TeX Accessibility Conformance Report	Veytsman	515
TeX	A sophisticated typesetting engine	Knuth	292
tex2bib	Extract a BibTeX database from a document source	Friendly	220
tex2ltx	AMS-TeX to AMS-L <sup>A</sup> T <sub>E</sub> X converter	Fortuny	217
tex2mail	Converts T <sub>E</sub> X to mailable "ASCII art"	Zakharevich	546
tex2page	Produce HTML from T <sub>E</sub> X/LaTeX	Sitaram	447
tex2rtf	TeX translator, output formats include RTF	Smart	448
tex2tok	Convert a T <sub>E</sub> X source file into tokens	Fine	212
tex2word	Convert T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X to MSWord	Chikrii	179
tex4ebook	Converter from L <sup>A</sup> T <sub>E</sub> X to ebook formats	Hoftich	258
TeX4ht	Convert (La)TeX to HTML/XML	The TeX4ht Team, Gurari	482
texaccents	Convert composite accented characters to Unicode	Milanese	344
texapi	Macros to write format-independent packages	Isambert, Robbers	265
texas	32-bit T <sub>E</sub> X 3.14 compiled for MS-DOS 386/486 computers	Chan	174
texbook	The source of The T <sub>E</sub> Xbook	Knuth	292
texbuch	"The little T <sub>E</sub> XBook"	Cremer	185
TeXbyTopic	Freed version of the book T <sub>E</sub> X by Topic	Eijkhout	202
texcad32	Win32 drawing package for mathematical diagrams	Unknown	504
texchord	Typeset guitar-chord diagrams	Hoffman	256
TeXcount	Count words in a L <sup>A</sup> T <sub>E</sub> X document	Rødland	411
texdate	Date printing, formatting, and manipulation in T <sub>E</sub> X	Goodman	231
texdef	Display the definitions of T <sub>E</sub> X commands	Scharrer	426
texdepend	Find dependencies in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	220
texdeps	Find the dependencies of a (La)TeX file	Cozens	185
texdiff	Compare documents and produce tagged merge	Doll, Günay	193
texdimens	Conversion of T <sub>E</sub> X dimensions to decimals	Burnol	166
texdirflatten	Collect files related to a L <sup>A</sup> T <sub>E</sub> X job in a single directory	Günay	239
texdoc	Documentation access for T <sub>E</sub> X Live	Asakura, Esser, Pégourié-Gonnard, T <sub>E</sub> XLive	136
texdoctk	Easy access to package documentation	Ruedas, Harcombe	421
texdraw	Graphical macros, using embedded PostScript	Kabal	274
texed	A T <sub>E</sub> X shell for OS/2	Stippich	457
texemplar	A class for the journal of CervanTeX	Bezos López	320
texfaq	A compilation of Frequently Asked Questions with answers	Fairbairns	206
texfilt	A (La)TeX log filter	Baker	137
TeXFindPkg	Query or install T <sub>E</sub> X packages and their dependencies	Lyu	329
texfot	Filter clutter from the output of a T <sub>E</sub> X run	Berry	150
TeXhax	Digests of a general T <sub>E</sub> X mailing list	Unknown	504
texi2dvi-latest	Process Texinfo or (La)TeX source to DVI	Friedman	219
texi2html	Converts T <sub>E</sub> Xinfo to HTML	Price, Dumas, Berry, Cons	394
texi2roff	Translate texinfo to troff	Erlebacher	205
texi2www	Converts texinfo to display on the Web	Singletary	447
texilikechaps	Format chapters with a texi-like format	Rivera	407
texi-like cover	A cover-page package, like T <sub>E</sub> Xinfo	Simões	446
texindex	Simple indexing using standard Unix commands	Unknown	505
texinfo-latest	Current releases of texinfo.tex and texi2dvi	Free Software Foundation	219
texinfo	Texinfo documentation system	Free Software Foundation	219
TeXLab	L <sup>A</sup> T <sub>E</sub> X Language Server	Förster	217

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
TeXline	A T <sub>E</sub> X-based magazine	Clark	180
texlipse	L <sup>A</sup> T <sub>E</sub> X plugin for Eclipse	von Loesch, Hupponen, Karlsson, Laitinen, Ojala, Pirinen, Seuranen, Takkinen	317
texlist	Typeset program listings	Forkosh	217
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	480
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 7 and derived distributions	Tennent	480
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 8 and derived distributions	Tennent	480
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	480
texlive-dummy-f...	Dummy T <sub>E</sub> X Live RPM for use with Fedora and similar distributions	Seliger	438
texlive-dummy-o...	Dummy T <sub>E</sub> X Live RPM for use with Open SUSE	Niepraschk	363
texlive-repo	A mirror of the T <sub>E</sub> X Live repository	TeXLive	483
TeX Live source...	Sources of the T <sub>E</sub> X Live distribution	TeXLive	483
texlive	A comprehensive distribution of T <sub>E</sub> X and friends	TeXLive	483
texliveonfly	On-the-fly download of missing T <sub>E</sub> X live packages	Naranong	357
texlog-extract	Extract errors and warnings from T <sub>E</sub> X logs	Dekker	190
texloganalyser	Analyse T <sub>E</sub> X logs	van Oudenhove	377
texlogfilter	Filter L <sup>A</sup> T <sub>E</sub> X engines output or log file	Labbé	305
texlogos	Ready-to-use L <sup>A</sup> T <sub>E</sub> X logos	Ruzyczka	421
texlogsieve	Filter and summarize L <sup>A</sup> T <sub>E</sub> X log files	Lago	305
TeXmacs	Structured text editor for T <sub>E</sub> X	van der Hoeven	256
texmalli	A quick Finnish introduction to using L <sup>A</sup> T <sub>E</sub> X	Kaijanaho	274
TeXmate	Comprehensive chess annotation in L <sup>A</sup> T <sub>E</sub> X	Garcia-De Castro	173
texments	Using the Pygments highlighter in L <sup>A</sup> T <sub>E</sub> X	Kubica	301
TeXmuse	Music typesetting system using T <sub>E</sub> X and Metafont	Garcia-De Castro	173
texnegar	Kashida justification in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Movahhedian	351
TeXnicCenter	An IDE for L <sup>A</sup> T <sub>E</sub> X on MSWindows	Wiegand	532
texonly	A sample document in Plain T <sub>E</sub> X	Borck-Elsner	155
texosquery	Cross-platform Java application to query OS information	Talbot	472
texpack	Create documented L <sup>A</sup> T <sub>E</sub> X classes, packages and docs in a Unix environment	Lulli	327
texperf	A WordPerfect to L <sup>A</sup> T <sub>E</sub> X translator	Forkosh	217
texpict	Create drawings for L <sup>A</sup> T <sub>E</sub> X	Ribo	405
texpictex	Use tpic special commands in PiCTeX	Grunwald	239
texplate	A tool for creating document structures based on templates	Cereda	174
texpower	Create dynamic online presentations with L <sup>A</sup> T <sub>E</sub> X	Lehmke, Nordhaug	312
TeXProject	A package for project management	Bressan, Gurari	160
TeXProposal	A proposal prototype for L <sup>A</sup> T <sub>E</sub> X promotion in Chinese universities	Zhennan	550
texref	Find cross-references in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	220
texshade	Package for setting nucleotide and peptide alignments	Beitz	147
TeXshell	X-Window Shell for T <sub>E</sub> X	Mittelbach	348
texshell32	A free T <sub>E</sub> XShell for MS-Windows 95 and NT	Struve	462
texshop	TeX front end for use on MacOS X	Koch	293
TeXsis	Plain T <sub>E</sub> X macros for Physicists	Myers, Paige	356
texsketch	A drawing package for OS/2	Bahnes	137
texsort	Sort/compress numerical lists	Tolušis	492
texspell	A L <sup>A</sup> T <sub>E</sub> X spelling checker	Eckl	201
texsurgery	A L <sup>A</sup> T <sub>E</sub> X companion to the “texsurgery” python project	Angulo	131
TeX T1	TeX format from Washington State University	Guenther	239
text2bib	A PHP script to convert references to BibTeX	Osborne	377
textarea	Control the text area dynamically	Rozhenko	420
textcase	Case conversion ignoring mathematics, etc	Carlisle	170
textcomp	L <sup>A</sup> T <sub>E</sub> X support for the Text Companion fonts	Rahtz	398
textcsc	Simple commands for caps-to-small-caps text	Granet	233
textfit	Fit text to a desired size	Rahtz, Taylor	399

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
textglos	Typeset and index linguistic gloss abbreviations	Weber	528
textgreek	Upright greek letters in text	Michlmayr	343
textmerg	Merge text in $\TeX$ and $\LaTeX$	Piff, Fairbairns, Carlisle	390
textool	A SunOS DVI viewer	Ilieve	264
texttoolspro	Tools for documentation written in $\LaTeX$	Algaba	130
textopo	Annotated membrane protein topology plots	Beitz	147
textpath	Setting text along a path with MetaPost	Hennig	253
textpos	Place boxes at arbitrary positions on the $\LaTeX$ page	Gray	235
textualicomma	Use the textual comma character as decimal separator in math mode	Friedl	219
textures-metrics	Adobe font metrics, converted for use with Textures	Kahn	274
texvc	Use MediaWiki $\LaTeX$ commands	Schubotz	434
texware	Utility programs for use with $\TeX$	Knuth	292
tfmpk	A viewer for tfm and pk font files	Medini	341
TFMPKtest	Check and correct checksums of TFM and PK files	Larchey, Roegel, Rossi	308
tfruppee	A font offering the new (Indian) Rupee symbol	Jørgensen	272
tgothic	Gothic Textura Quadrata manuscript book-hand font	Wilson	535
tgrind	Produce beautiful program listings using plain $\TeX$	Jacobson	267
tgrind209	Support tgrind in $\LaTeX$ 2.09	Unknown	505
thai-rmit	A font for Thai script	Kent	278
thai-usl	A font for Thai script	Kent	278
thaienum	Thai labels in enumerate environments	Janthong	268
thaifonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	276
ThailaTeX	Typeset Thai texts with standard $\LaTeX$ classes	Karoonboonyanan	276
thaispec	Thai Language Typesetting in $X_{\LaTeX}$	Promkam	395
thalie	Typeset drama plays	Paternault	384
theanodidot	TheanoDidot fonts with $\LaTeX$ support	Tennent	480
theanomodern	Theano Modern fonts with $\LaTeX$ support	Tennent	480
theanooldstyle	Theano OldStyle fonts with $\LaTeX$ support	Tennent	480
theapa	APA (American Psychology Association) Reference Citation for $\LaTeX$	Ryu	421
theatre	A sophisticated package for typesetting stage plays	Hinque	255
theorem	Manipulate theorem environments	Mittelbach, $\LaTeX$ Team	348
theoremref	References with automatic theorem names	Jerábek	270
thepdfnumber	Print PDF numbers with minimal digits	Oberdiek	372
thermodynamics	Macros for multicomponent thermodynamics documents	Hammond	243
these	Bibliography style for French theses	Herrb	253
thesis-ekf	Thesis class for Eszterházy Károly Catholic University	Tómacs	493
thesis-gwu	Thesis class for George Washington University School of Engineering and Applied Science	Kulumani	303
thesis-qom	Thesis style of the University of Qom, Iran	Razavian	401
thesis-titlepag...	Little style to create a standard titlepage for diploma thesis	Lamers	306
thesis	Typeset thesis	Matiaske	336
thinsp	A stretchable $\backslash$ thinspace for $\LaTeX$	Jørgensen	273
thirteen	Print dates of Friday 13th days	Unknown	505
thmbox	Decorate theorem statements	Beffara	147
thmtools	Extensions to theorem environments	Schwarz, Chou	436
thorshammer	Assessment based on AcroTeX quizzes	Story	461
threadcol	Organize document columns into PDF “article thread”	Pakin	380
threecol	Three-column newsletter output	Unknown	505
threecolumn	$\LaTeX$ output in three columns	Greenwade	236
threeddice	Create images of dice with one, two, or three faces showing, using MetaPost	Luecking	327
3DLDF	Three-dimensional drawing with MetaPost output	Finston	213
threeparttable	Tables with captions and notes all the same width	Arseneau	135
threeparttablex	Notes in longtables	Madsen	331
thrmappendix	Theorems, lemmas, etc., in appendix	Klemens	287

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
thsmc	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Sans Mono Condensed Font	Veytsman	515
thuaslogos	Logos for The Hague University of Applied Sciences (THUAS)	op den Brouw	162
thubeamer	A beamer theme for Tsinghua University	Yang	542
thucoursework	Coursework template for Tsinghua University	Zhao	549
thumb	Thumb marks in documents	Holm Christensen	179
thumbpdf	Thumbnails for pdfTeX and dvips/ps2pdf	Oberdiek	372
thumbs	Create thumb indexes	Münch	353
thumby	Create thumb indexes for printed books	Goldgaber	229
thuthesis	Thesis template for Tsinghua University	Xue, Tsinghua University	541
		TUNA Association	
tib	A bibliographic preprocessor	Alexander, Kremer, Kolb	129
tibetan	An early L <sup>A</sup> T <sub>E</sub> X Tibetan package	Schwartz, Knight, Wujastyk	436
ticket	Make labels, visiting-cards, pins with L <sup>A</sup> T <sub>E</sub> X	Emmel	204
ticollege	Graphical representation of keys on a standard scientific calculator	De Sousa	451
tidyres	Create formal resumes easily	Liang	315
tie	Allow multiple web change files	Guntermann	240
tif2eps	A PostScript program for converting TIFF files to EPS	Jackowski, Pianowski,	267
		Strzelczyk	
tiff	The tiff graphics package	Leffler	311
tikz-3dplot	Coordinate transformation styles for 3d plotting in TikZ	Hein	249
tikz-among-us	Create some AmongUs characters in TikZ environments	Zucattelli	551
TikZ-Bagua	Draw Bagua symbols in Yijing	WANG	527
tikz-bayesnet	Draw Bayesian networks, graphical models and directed factor graphs	Luttinen	329
tikz-bbox	Precise determination of bounding boxes in TikZ	Unknown	505
tikz-cd	Create commutative diagrams with TikZ	Stoffel	458
tikz-dependency	A library for drawing dependency graphs	Pighin	390
tikz-dimline	Technical dimension lines using PGF/TikZ	Gross	238
tikz-ext	A collection of libraries for PGF/TikZ	Unknown	505
TikZ-FeynHand	Feynman diagrams with TikZ	Dohse	193
tikz-feynman	Feynman diagrams with TikZ	Ellis	203
tikz-imagelabels	Put labels on images using TikZ	Plüss	392
tikz-inet	Draw interaction nets with TikZ	de Falco	208
tikz-kalender	A L <sup>A</sup> T <sub>E</sub> X based calendar using TikZ	Niepraschk	363
tikz-karnaugh	Typeset Karnaugh maps using TikZ	Laus	309
tikz-ladder	Draw ladder diagrams using TikZ	Laus	309
tikz-lake-fig	Schematic diagrams of lakes	Stachelek	454
tikz-layers	TikZ provides graphical layers on TikZ: "behind", "above" and "glass"	Moutinho	351
tikz-mirror-lens	Spherical mirrors and lenses in TikZ	Zucattelli	551
tikz-nef	Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF)	Gosmann	231
tikz-network	Draw networks with TikZ	Hackl	241
tikz-nfold	Triple, quadruple, and n-fold paths with TikZ	Schulz	434
tikz-opm	Typeset OPM diagrams	Hoffmann	257
tikz-optics	A library for drawing optical setups with TikZ	Fruchart	220
tikz-page	Small macro to help building nice and complex layout materials	Gross	238
tikz-palattice	Draw particle accelerator lattices with TikZ	Schmidt	428
TikZ-planets	Illustrate celestial mechanics and the solar system	Santos	423
tikz-qtree	Use existing qtree syntax for trees in TikZ	Chiang	178
tikz-relay	TikZ library for typesetting electrical diagrams	Laus	309
tikz-sfc	Symbols collection for typesetting Sequential Function Chart (SFC) diagrams (PLC programs)	Laus	309
tikz-swigs	Horizontally and vertically split elliptical nodes	Richardson	405
tikz-timing	Easy generation of timing diagrams as TikZ pictures	Scharrer	426
tikz-trackschem...	A TikZ library for creating track diagrams in railways	Scheidt	426
tikz-truchet	Draw Truchet tiles	Scroggs	437



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tikz2d-fr	Work with some 2D TikZ commands (French)	Pierquet	389
tikz3d-fr	Work with some 3D figures	Pierquet	389
TikZbricks	Drawing bricks with TikZ	Unknown	505
tikzcodeblocks	Helps to draw codeblocks like scratch, NEPO and PXT in TikZ	Salamon	422
TikZducks	A little fun package for using rubber ducks in TikZ	Unknown	505
tikzfill	TikZ libraries for filling with images and patterns	Sturm	463
tikzinclude	Import TikZ images from collections	Schwenk, Berg	436
TikZlings	A collection of cute little animals and similar creatures	Unknown	505
tikzmark	Use TikZ's method of remembering a position on a page	Stacey	454
TikZmarmots	Drawing little marmots in TikZ	Unknown	505
tikzorbital	Atomic and molecular orbitals using TikZ	Salvato-Vallverdu	422
tikzpackets	Display network packets	Paciorek	378
tikzpagenodes	A single TikZ node for the whole page	Scharrer	426
tikzpeople	Draw people-shaped nodes in TikZ	Fleischhacker	214
tikzpfeile	Draw arrows using PGF/TikZ	Fütterer, Zachhuber	221
Tikzpingus	Penguins with TikZ	Sihler	446
tikzposter	Create scientific posters using TikZ	Richter, Barnard, Botoeva, Surmann	405
tikzscale	Resize pictures while respecting text size	Häcker	241
tikzsymbols	Some symbols created using TikZ	Vitecek	517
tikztosvg	A utility for rendering TikZ diagrams to SVG	Unknown	505
tikzviolinplots	Draws violin plots from data	Callil-Soares	168
tile-graphic	Create tiles of a graphical file	Story	461
tilings	A TikZ library for drawing tiles and tilings	Stacey	454
timbreicmc	Typeset documents with ICMC/USP watermarks	Frasson	218
time-gen	Print the time (12-hour clock)	Sen	438
time	Defines a macro \now to print the current time	Piff, Fairbairns, Carlisle	390
timeline	Typeset time-lines, for planning, etc	Unknown	505
times	Select Adobe Times Roman (or equivalent) as default font	Rahtz	398
timetab	Typeset timetables	Oetiker	373
timetable	Generate timetables	Verunek	512
timing-diagrams	Draw timing diagrams	Moy	351
timing	Fonts and macro package for drawing timing diagrams	May, Leilich	337
tinot	Tinos fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
tinyC21	Pretty print C/C++/Java source code using L <sup>A</sup> T <sub>E</sub> X	Plugge	391
tip	Macro examples from "TeX in Practice"	von Bechtolsheim	145
tipa-de	German translation of tipa documentation	Leistner	312
tipa	Fonts and macros for IPA phonetics characters	Rei	402
tipauni	Producing Unicode characters with TIPA commands	Unknown	505
tipfr	Produces calculator's keys with the help of TikZ	De Sousa	451
tipos	Description of fonts for T <sub>E</sub> X, in Spanish	Bezoz López	320
tiscreen	Mimic the screen of older Texas Instruments calculators	Ibrahim	264
titlecaps	Setting rich-text input into Titling Caps	Segletes	437
titlefoot	Add special material to footer of title page	Presnell	394
titlepage-uni-d...	Titlepage for University of Dortmund (Germany)	Sebastiani	437
titlepages	Sample titlepages, and how to code them	Wilson	535
titlepic	Add picture to title page of a document	ten Cate	173
titleps	Page style control	Bezoz López	320
titleref	A "\titleref" command to cross-reference section titles	Arseneau	135
titles	Titles of books, articles, etc. in L <sup>A</sup> T <sub>E</sub> X	Swift	465
titlesec	Select alternative section titles	Bezoz López	320
titletoc	Alternative headings for toc/lof/lot	Bezoz López	320
titling	Control over the typesetting of the \maketitle command	Robertson, Wilson	410
tkbibtex	A portable editor and browser for BibTeX files	Corke	184
tkdvi	DVI previewer built with the Tcl/Tk toolkit	Lingnau	317

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tkhyph	Hyphenation patterns for Turkish	MacKay	330
tktexcad	Generate L <sup>A</sup> T <sub>E</sub> X picture environments	Straube	462
tkz-base	Tools for drawing with a cartesian coordinate system	Matthes	336
tkz-berge	Macros for drawing graphs of graph theory	Matthes	336
tkz-doc	Documentation macros for the TKZ series of packages	Matthes	336
tkz-euclide	Tools for drawing Euclidean geometry	Matthes	337
tkz-fct	Tools for drawing graphs of functions	Matthes	337
tkz-graph	Draw graph-theory graphs	Matthes	337
tkz-kiviat	Draw Kiviat graphs	Matthes	337
tkz-linknodes	Link nodes in mathematical environments	Matthes	337
tkz-orm	Create Object-Role Model (ORM) diagrams	Voß, Staps	524
tkz-tab	Tables of signs and variations using PGF/TikZ	Matthes	337
tkzexample	Package for the documentation of all tkz-* packages	Matthes	337
tlaunch	A Windows GUI to run a networked T <sub>E</sub> X Live as if installed locally	Kroonenberg	300
tlc-article	A L <sup>A</sup> T <sub>E</sub> X document class for formal documents	Howard	261
tlc2-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Companion, Second Edition	Mittelbach, Goossens	347
tlc2-examples	Examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, second edition	Mittelbach	346
tlc3-examples	All examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, third edition	Mittelbach	346
TLcockpit	A GUI frontend to T <sub>E</sub> X Live Manager (tlmgr)	Preining	394
tlg2latex	Prepare L <sup>A</sup> T <sub>E</sub> X from the Thesaurus Linguae Graecae	Rouquette	418
tlmgr-intro-zh-cn	A short tutorial on using tlmgr in Chinese	Sun	464
tlmgrBasics	A simplified documentation for tlmgr	Tennent	480
tmmath-fonts	Bitmap versions of the Micropress TM-Math fonts (Times Maths)	MicroPress	343
tmmath	Support for using the Micropress TM-Math fonts	Schmidt, Harcombe	429
tmview	A DVI previewer for SVGA displays	Moor	349
to-be-determined	Highlight text passages that need further work	Bugayenko	164
toc-zar	Plain T <sub>E</sub> X table of contents macros	Zirin	550
toc	Table of contents macros for Plain T <sub>E</sub> X	Unknown	505
tocbasic	Management of tables/lists of contents (and the like)	Kohm	296
tocbibind	Add bibliography/index/contents to Table of Contents	Robertson, Wilson	411
tocdata	Adds names to chapters, sections, figures in the TOC and LOF	Dunn	199
tocenter	Centring (and other) Page Layout	Rozhenko	420
tocloft	Control table of contents, figures, etc	Robertson, Wilson	411
tocstyle	Define style of Table of contents (etc) files	Kohm	296
tocvsec2	Section numbering and table of contents control	Robertson, Wilson	411
todo	Make a to-do list for a document	Garcia-De Castro	173
todonotes	Marking things to do in a L <sup>A</sup> T <sub>E</sub> X document	Midtiby	343
toil	An installer of PostScript fonts for T <sub>E</sub> X	Jackowski, Pianowski, Strzelczyk	267
tokcycle	Build tools to process tokens from an input stream	Segletes	438
tokenizer	A tokenizer	Herpers	253
tolkienfonts	Use TTF “Tolkien” fonts from the WWW with pdfTeX	Barton	141
toneval	Tool for linguists and phoneticians to visualize tone value patterns	Chen	176
toolbox	Tool macros	Väth	510
topcapt	Place captions above figures or tables	Fairbairns, Carlisle	207
topfloat	Move floats to the top of the page	Macchia	330
topiclongtable	Extend longtable with cells that merge hierarchically	Brasolin	159
TOPletter	Letter class for the Politecnico di Torino	Torchiano	493
topsection	An un-numbered top level section	Rozhenko	420
TOPtesi	Bundle for typesetting multilanguage theses	Beccari	144
totalcount	Commands for typesetting total values of counters	Sommerfeldt	451
totcount	Find the last value of a counter	Koutavas	298
totpages	Count pages in a document, and report last page number	Müller	352
tpcmfont	Computer modern fonts in “true point sizes”	Knuutila	293
tpic2pdfTeX	Use tpic commands in pdfTeX	Henkel, T <sub>E</sub> XLive	252

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tpslifonts	A L <sup>A</sup> T <sub>E</sub> X package for configuring presentation fonts	Lehmke	312
TpX	A drawing tool for Windows	Tsyplakov	495
tqft	Drawing TQFT diagrams with TikZ/PGF	Stacey	454
tr2latex	Translate troff source to L <sup>A</sup> T <sub>E</sub> X	Engel, Jagdman, Al-Yahya	204
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	348
tracking	Adjust tracking of strings	Glazkov	227
tracklang	Language and dialect tracker	Talbot	473
trademarks	A collection of trademarks and the like	Unknown	505
trajan	Fonts from the Trajan column in Rome	Wilson	535
tram	Typeset tram boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	280
tramlines	A package for creating tramlines (lines above and below a title used by lawyers in the UK)	Granet	233
trans	A simple T <sub>E</sub> X macro package for PostScript transformations	BOP	155
transfig	Transform xfig pictures into many other formats	Smith	448
translation-arr...	French translation of the documentation of array	Drucbert	196
translation-ars...	German version of arsclassica	Römer, Gessinger	415
translation-bib...	German translation of the User Guide for BibLaTeX	Römer	414
translation-boo...	French translation of the documentation of booktabs	Drucbert	197
translation-che...	German version of chemsym	Römer, Heuke	415
translation-dco...	French translation of the documentation of dcolumn	Drucbert	197
translation-ecv-de	Ecv documentation, in German	Römer, Vogel	415
translation-enu...	Enumitem documentation, in German	Ludwig, Römer	326
translation-eur...	German version of europecv	Römer, Fischer	414
translation-fil...	German version of filecontents	Römer, Berndt	414
translation-foo...	A German translation of the documentation of footmisc	Römer	414
translation-mor...	German version of moreverb	Römer, Biniok	414
translation-nat...	French translation of the documentation of natbib	Drucbert, Daly	197
translation-pst...	A German translation of the documentation of pst-jtree	Römer	414
translation-tab...	French translation of the documentation of Tabbing	Drucbert	197
translations	Internationalisation of L <sup>A</sup> T <sub>E</sub> X2e packages	Niederberger	362
translator	Easy translation of strings in L <sup>A</sup> T <sub>E</sub> X	Wright	539
Transparent-IO	Show for approval the filenames used in \input, \openin, or \openout	Wermuth	530
transparent	Using a color stack for transparency with pdfTeX	Oberdiek	372
tree-dvips	Trees and other linguists' macros	Pease	384
treedef	Macros to typeset trees in Plain T <sub>E</sub> X	Eppstein	204
treesvr	Tree macros	Vanroose	509
treetex-ltx209	Draw horizontally- or vertically-oriented trees	Bloesch	153
treetex-plain	Draw trees	Brueggemann-Klein, Wood	162
trfsigns	Typeset transform signs	Rascher	400
trig	Simple trigonometric functions	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
trigonometry	Demonstration code for cos and sin in T <sub>E</sub> X macros	Taylor	475
trimspaces	Trim spaces around an argument or within a macro	Robertson	408
trivfloat	Quick float definitions in L <sup>A</sup> T <sub>E</sub> X	Wright	539
trsym	Symbols for transformations	Holfert	259
truchet	Truchet tiling in MetaPost	Roegel	412
truecols	Colour facilities for SliTeX	Love	323
truetypermetrics	Metrics for some TrueType font families	Penninga	386
TrueTypeToType42	Generate a Type 42 font from a TrueType font	Barton	141
truncate	Truncate text to a specified width	Arseneau	135
truthtable	Automatically generate truth tables for given variables and statements	Flück	215
TrY	Automation of T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X compilation	Tex	481
tsconfig	Setup support for T <sub>E</sub> Xshell	Nitschke	364
tsemllines	Support for the ancient \emline macro	Schlemmer	427
tsipa	Macros and fonts to produce IPA typesetting	Hajime, Rei, Shun	242

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tsvtemplate	Apply a template to a tsv file	Renkema	404
tt2001	Type 1 EC fonts generated by $\TeX$ trace	Szabó	468
ttf-howto	Using TrueType fonts with $\TeX$ systems	Harders	246
ttf2mf	Convert True Type fonts to Metafont	Motygin	351
ttf2pfb	Make an Adobe Type 1 version of a TrueType font	Lemberg	313
ttf2pt1	Convert TrueType fonts to Adobe Type 1 format	Weeks, Siebert, Henlich	528
ttf2tex	Use TrueType fonts with $\text{\LaTeX}$	Lehman	311
ttftogf	Convert True Type fonts to GF format	Vasil'ev	509
tth	A $\TeX$ to HTML translator	Hutchinson	263
ttn	TeX and TUG news archive	Thiele	489
ttt	A Tibetan Transcript Transliterator for $\text{\LaTeX}$	Steiner	456
tucv	Support for typesetting a CV or résumé	Louthan	323
tuda-ci	$\text{\LaTeX}$ templates of Technische Universität Darmstadt	Peischl	386
tudscr	Corporate Design of Technische Universität Dresden	Hansch	243
tufte-latex	Document classes inspired by the work of Edward Tufte	Godby	228
tugboat-plain	Plain $\TeX$ macros for TUGboat	Beeton, Berry	146
tugboat-toc	An accumulation of TUGboat tables of contents	Beeton	146
tugboat	$\text{\LaTeX}$ macros for TUGboat articles	Fairbairns, Berry	206
tui	Thesis style for the University of the Andes, Colombia	Vaughan	510
turabian-format...	Formatting based on Turabian's Manual	Abdool	127
turabian	Create Turabian-formatted material using $\text{\LaTeX}$	Surber	464
turkish	$\text{\LaTeX}$ Support for Typesetting Turkish	MacKay	330
turkishintro	An introduction to $\text{\LaTeX}$ , in Turkish	Rakhimov	399
turkmen	Babel support for Turkmen	Annagurban	131
turnstile	Typeset the (logic) turnstile notation	Buchsbaum, Reinaldo	162
turnthepage	Provide "turn page" instructions	Merciadri	342
TVS	TeX Versioning System	Antos	132
twcal	Calligraphic font for typesetting handwriting	Weinmann	529
tweb	A web system for $\TeX$ macro sources	Bzyl	167
twemoji-colr	Twemoji font in COLR/CPAL layered format	Zeng	548
twemojis	Use Twitter's open source emojis through $\text{\LaTeX}$ commands	Rosell	416
twocolumns	Knuth's two-column output macros	Knuth	292
2in1	Print two pages on a single page	Saxena	424
twoopt	Definitions with two optional arguments	Oberdiek	372
twoside	Two-side typesetting in Plain $\TeX$	Unknown	505
twoup-gen	Macros to print two-up	Van Zandt, Voß	547
twoup1tx	Print two virtual pages on each physical page	Hansen	243
txfonts	Times-like fonts in support of mathematics	Ryu	422
txfontsb	Extensions to txfonts, using GNU Freefont	Tsolomitis	495
txgreek	Shape selection for TX fonts Greek letters	Burnol	166
txp	Draw text along a path	Muelas	352
txt	Output documents via terminals, line printers, etc	Droms	196
txt2latex	Convert text by fixing special chars and quote marks	Miller	345
txt2tex	Add $\text{\LaTeX}$ markup to plain text	Jansons	268
TXUprCal	Upright calligraphic font based on TX calligraphic	Sharpe	442
type1cm	Arbitrary size font selection in $\text{\LaTeX}$	Carlisle	170
type1ec	Permit EC, TC and LH fonts at arbitrary sizes	Volovich	518
typearea	Set page margins	Kohm, Neukam	296
typed-checklist	Typesetting tasks, goals, milestones, artifacts, and more in $\text{\LaTeX}$	Grewe	237
typedref	Eliminate errors by enforcing the types of labels	Seidman, Ashton	438
typeface	Select a balanced set of fonts	Jones	271
typehtml	Typeset HTML directly from $\text{\LaTeX}$	Carlisle	170
typeoutfileinfo	Display class/package/file information	Lück	326
typespec	Create font samplers	Moye	351
typewriter	Typeset with a randomly variable monospace font	Carlisle	170

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
typicons	Font containing a set of web-related icons	Vigil	516
typoid	Macros for font diagnostics	Ratti	401
typografie	A tutorial on typography	Reichert	403
typogrid	Print a typographic grid	Harders	246
tzplot	Plot graphs with TikZ abbreviations	Cho	179
<b>UUUUU</b>			
u8tex	Input Unicode characters in T <sub>E</sub> X notation, in emacs	Pokrovsky	392
uaclasses	University of Arizona thesis and dissertation format	Oliver	374
uafthesis	Document class for theses at University of Alaska Fairbanks	Holbrook	259
uantwerpendocs	Course texts, master theses, and exams in University of Antwerp style	Daems	186
uassign	Environments and options for typesetting university assignments	Esau	205
ucalgmthesis	L <sup>A</sup> T <sub>E</sub> X thesis class for University of Calgary Faculty of Graduate Studies	Zach	546
ucbthesis	Thesis and dissertation class supporting UCB requirements	Vojta, Gildea	518
ucdavisthesis	A thesis/dissertation class for University of California at Davis	Scott	436
ucharcat	Implementation of the (new in 2015) XeTeX \Ucharcat command in lua, for LuaTeX	Carlisle	170
ucharclasses	Font actions in XeTeX according to what is being processed	Kamermans	275
ucs	Extended UTF-8 input encoding support for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh, Carlisle	270
ucsmonograph	Typesetting academic documents from the University of Caxias do Sul	Baron	139
ucthesis	University of California thesis format	Gildea	226
ucthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 document style for UC Theses	Munson	354
udes-genie-these	A thesis class file for the Faculté de génie at the Université de Sherbrooke	Brunet	162
udesoftec	Thesis class for the University of Duisburg-Essen	Schuler	434
uebungsblatt	A L <sup>A</sup> T <sub>E</sub> X class for writing exercise sheets	Akkerman	128
uestcthesis	Thesis class for UESTC	Fujun	221
ufrgscca	A bundle for undergraduate students final work/report (tcc) at UFRGS/EE	Frigeri	220
ugarite	Fonts for Ugaritic cuneiform script	Wilson	535
ugaritic	A font for Ugaritic	Stanier	455
uhc	Fonts for the Korean language	Un	498
uhassignment	A document class for typesetting homework assignments	Wittenburg	536
uhrzeit	Time printing, in German	Meltzer	342
unthesis	University of Houston thesis document style	Georgakopoulos	224
uiucredborder	Class for UIUC thesis red-bordered forms	Pakin	380
uiucthesis	UIUC thesis class	Czoschke, Hull	186
ukbill	A class for typesetting UK legislation	Granet	234
ukdate	Typeset date in a UK-ish form	Clark	180
ukhyph	Hyphenation patterns for British English	Wujastyk, Taylor	540
ukrhyph	Hyphenation Patterns for Ukrainian	Shvaika, Polyakov, Vulis	444
UK-TeX	The UK T <sub>E</sub> X digest	Unknown	505
uktug-bask	Old copies and sources of Baskerville	UK TeX Users Group	497
ulem	Package for underlining	Arseneau	135
ulqda	Support of Qualitative Data Analysis	Griffin	237
ulsy-ps	Extra mathematical characters in Adobe Type 1 format	Goldschmitt, Henel	229
ulsy	Extra mathematical characters	Goldschmitt	229
ulthese	Thesis class and templates for Université Laval	Lasou, Goulet	308
Ultra-TeX	An emacs T <sub>E</sub> X mode with "lightning completion"	Palmieri	381
umbclegislation	A L <sup>A</sup> T <sub>E</sub> X class for building legislation files for UMBC Student Government Association Bills	DasSarma	189
umich-thesis	University of Michigan Thesis L <sup>A</sup> T <sub>E</sub> X class	Kleb	285
UML	UML diagrams in L <sup>A</sup> T <sub>E</sub> X	Gjelstad	227
umlaute	German input encodings in L <sup>A</sup> T <sub>E</sub> X	Sommerfeldt	451
umoline	Underline text allowing line breaking	Nakashima	357



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
umrand	Package for fancy box frames	Schrell, Hörstmeier	432
umthesis	Dissertations at the University of Michigan	Felty	209
umtypewriter	Fonts to typeset with the xgreek package	Syropoulos	467
unam-thesis	Create documents according to the UNAM guidelines	Camacho Bolaños	154
unamth-template	UNAM Thesis L <sup>A</sup> T <sub>E</sub> X Template	Velázquez	510
unamthesis	Style for Universidad Nacional Autonoma de Mexico theses	Freyre-Gonzalez	219
UnBTeX	A class for theses at University of Brasilia (UnB)	Ferreira	210
uncial	Uncial manuscript book-hand font	Wilson	535
undergradmath	L <sup>A</sup> T <sub>E</sub> X Math for Undergraduates cheat sheet	Hefferon	248
underlin-generic	Multi-word underlining	Gildea	226
underlin	Underlined running heads	Schöpf	432
underoverlap	Position decorations over and under expressions	Helvensteijn	251
underscore	Control the behaviour of “_” in text	Arseneau	135
undertilde-gen	A simple macro for placing a tilde under a character	Unknown	506
undertilde	Typeset a tilde under one (or many) maths symbols	Bayart	142
undolabl	Override existing labels	Münch	353
undump	Make a new executable with format loaded	Thomas	489
unfinished	Mark unfinished parts of a document	Unknown	506
unfonts-core	TrueType version of Un-fonts	Un	498
unfonts-extra	TrueType version of Un-fonts	Un	498
uni-titlepage	Universal titlepages with configuration options and predefined styles	Kohm	296
uni-wtal-ger	Citation style for literary studies at the University of Wuppertal	Dahlmann	187
uni-wtal-lin	Citation style for linguistic studies at the University of Wuppertal	Dahlmann	187
unicode-alphabets	Macros for using characters from Unicode’s Private Use Area	Eriksen	205
unicode-bidi	Experimental unicode bidi package for XeTeX	Khalighi, bidi-tex GitHub Organisation	280
unicode-data	Unicode data and loaders for T <sub>E</sub> X	Wright, L <sup>A</sup> T <sub>E</sub> X Team	539
unicode-math-input	Allow entering Unicode symbols in math formulas	user202729	508
unicode-math	Unicode mathematics support for XeTeX and LuaTeX	Robertson, Hosny	408
unicode	Extended UTF-8 input encoding for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh	269
unicodfonttable	A Unicode font table generator	Mittelbach	347
UniFiTh	Typeset theses for University of Florence (Italy)	Biccari	151
unifront	Give notes a unique front page for every chapter and section	Wei	529
unigrazpub	L <sup>A</sup> T <sub>E</sub> X templates for University of Graz Library Publishing Services	Peischl	386
unimath-plain-x...	OpenType math support in (plain) XeTeX	Zhang	549
uninormalize	Unicode normalization support	Hoftich	258
uniquecounter	Provides unlimited unique counter	Oberdiek	372
unisc	Unicode small caps with Lua/XeLaTeX	Unknown	506
unisugar	Define syntactic sugar for Unicode L <sup>A</sup> T <sub>E</sub> X	Gil	226
unitconv	Convert a length into one with another unit	Voß	522
unitipa	TIPA typefaces with Unicode characters as input	Unknown	506
unitn-bimrep	A bimonthly report class for the PhD School of Materials, Mechatronics and System Engineering	Ragni	397
units	Typeset units	Reichert	403
unitsdef	Typesetting units in L <sup>A</sup> T <sub>E</sub> X	Happel	244
universa	Herbert Bayer’s ‘universal’ font	Holm Christensen	179
universalis	Universalis font, with support	Tennent	481
univie-ling	Papers, theses and research proposals in (Applied) Linguistics at Vienna University	Spitzmüller	452
unixman	Typeset to look like Unix man output	Barton-Davis	141
unizgklasa	A L <sup>A</sup> T <sub>E</sub> X class for theses at the Faculty Of Graphic Arts in Zagreb	Milin	344
unouter	Suppress \outer flags in Plain T <sub>E</sub> X	McManus	340
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	488
unravel	Watching T <sub>E</sub> X digest tokens	Le Floch	215

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
unswcover	Typeset a dissertation cover page following UNSW guidelines	Mehani	341
unswthesis	UNSW theses	Zaitseff	546
untext	Strip (La)TeX commands from source file	Staats, Endisch	454
uol-physics-report	A L <sup>A</sup> TeX document class for writing lab reports	Suchard	463
uothesis	Class for dissertations and theses at the University of Oregon	Anderson	131
uowthesis	Document class for dissertations at the University of Wollongong	Ye	545
uowthesistitlepage	Title page for dissertations at the University of Wollongong	Griffiths	238
upca	Print UPC-A barcodes	Mrkus	351
upgreek	Upright Greek letters	Schmidt, Harcombe	429
uplatex	pLaTeX2e and miscellaneous macros for upTeX	Maeda, Japanese T <sub>E</sub> X Team	331
upmendex	Multilingual index processor	Tanaka	474
UPmethodology	Writing specifications such as for UP-based methodologies	Galland	222
uppunctlm	Always keep upright shape for some punctuation marks and Arabic numerals	Kieda	281
upquote	Show "realistic" quotes in verbatim	Covington, Mittelbach, Kuhn	185
upref	Ensure references are upright	The AMS	483
uptex-base	Plain T <sub>E</sub> X formats and documents for upTeX	Maeda, Tanaka, Japanese T <sub>E</sub> X Team	331
uptex-fonts	Fonts for use with upTeX	Maeda, Japanese T <sub>E</sub> X Team, Tanaka	331
uptex	Unicode version of pTeX	Tanaka	474
upzhkinsoku	Supplementary Chinese kinsoku for Unicode *pTeX	Zhang	549
urcls	Beamer and scrlltr2 classes and styles for the University of Regensburg	Peischl	386
uri	Hyperlinks for a wide range of URIs	Münch	353
url	Verbatim with URL-sensitive line breaks	Arseneau	135
urlbst	Web support for BibTeX	Gray	235
urw-antiqua	URW Antiqua condensed font, for use with T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	507
urw-arial	URW Arial font pack for use with L <sup>A</sup> TeX	URW GmbH, Schmidt, Harcombe	507
URW-base35	URW 'Base 35' font pack for L <sup>A</sup> TeX	URW GmbH, Peterlin, Schmidt	507
urw-garamond	URW Garamond No8 Adobe Type 1 fonts	Schmidt, Harcombe	429
URW-Grotesq	URW Grotesq font pack for L <sup>A</sup> TeX	URW GmbH, Schmidt, Harcombe	507
urw	URW free font support	URW GmbH	507
urwchancal	Use URW's clone of Zapf Chancery as a maths alphabet	Sharpe	442
urwvf	Support for use of free URW fonts	Wierzbicki	532
uscthesis	USC thesis style for L <sup>A</sup> TeX 2.09	Cochran	181
usebib	A simple bibliography processor	Gregorio	237
usenix	Style option to do Usenix conference proceedings	Steiner	456
ushort	Shorter (and longer) underlines and underbars	Väth	510
ushyph	US hyphenation patterns	Kuiken	302
uspace	Giving meaning to various Unicode space characters	Haisman	241
uspatent	U.S. Patent Application Tools for L <sup>A</sup> TeX and LyX	Pupalaikis	395
usrguide	User-mode documentation for L <sup>A</sup> TeX	L <sup>A</sup> TeX Team	487
ut-backref	Modified backref	Utcke	508
ut-thesis	University of Toronto thesis style	Pitt, Knight	391
utexasthesis	University of Texas at Austin graduate thesis style	Brown	162
utf2any	Converting Unicoded text to L <sup>A</sup> TeX, HTML, etc	Kleiweg	287
utf8add	Additional support for UTF-8 encoded L <sup>A</sup> TeX input	Jørgensen	273
utf8mex	Tools to produce formats that read Polish language input	Bzyl, Wawrykiewicz	167
utfsym	Provides various Unicode symbols	Spittank	452
util-half	A half-tone font	Unknown	506

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
utopia	Adobe Utopia fonts	Adobe	127
utorontothesis	A thesis class definition for University of Toronto	Bernecky	149
utthesis	Thesis package for the University of Texas at Austin	Das	189
uvaletter	Unofficial letterhead template for the University of Amsterdam	Piazzai	387
uwa-colours	The colour palette of The University of Western Australia	Di Pietro	389
uwa-letterhead	The letterhead of the University of Western Australia	Di Pietro	389
uwa-pcf	A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia	Di Pietro	389
uwa-pif	A Participant Information Form (PIF) for a human research protocol at the University of Western Australia	Di Pietro	389
uwmslide	Slides with a simple Power Point like appearance	Benedict	148
uwthesis	University of Washington thesis class	Fox	217
uwthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 style for University of Washington theses	Fox	217
<b>VVVVV</b>			
va	Handwriting fonts	Ludewig	326
vak	BibTeX style for Russian Theses, books, etc	Melnikov	342
Vancouver	Bibliographic style file for Biomedical Journals	van der Beek	146
variablelm	Font definitions for the variable Latin Modern fonts	Kieda	281
variations	Typeset tables of variations of functions	Obrecht	373
varindent	Make paragraph indentation match the length of the line above	Arseneau	135
varindex	Luxury frontend to the \index command	Väth	510
varioref	Intelligent page references	Mittelbach	347
varisize	Change font size in Plain T <sub>E</sub> X	Hosek	260
varsects	A simple package for controlling headings	Taupin	475
varsfromjobname	Extract variables from the name of the L <sup>A</sup> T <sub>E</sub> X file	Ziegenhagen	550
varwidth	A variable-width minipage	Arseneau	135
vaucanson-g	PSTricks macros for drawing automata	Lombardy, Sakarovitch	318
vc	The vc (version control) bundle	Hennig, Hieber	253
vcell	Vertical alignment of content inside table cells	Dionne	193
vdm	Typesetting VDM schemas	Wolczko	537
vdmlisting	Typesetting VDM in ASCII syntax	Lausdahl	309
vector	L <sup>A</sup> T <sub>E</sub> X macros for vectors	Efford	201
venn	Creating Venn diagrams with MetaPost	Hefferon	248
venndiagram	Creating Venn diagrams with TikZ	Talbot	473
venturisADF	Venturis ADF fonts collection	Harendal, Rees	247
verbasef	VERBatim Automatic Splitting of External Files	Thompson	490
verbatim-gen	Generic macros for setting text verbatim	Taylor	475
verbatim-pln	Define new verbatim "environments" in Plain T <sub>E</sub> X	Unknown	506
verbatim-tub	Plain T <sub>E</sub> X macros for verbatim	Beeton	146
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	432
verbatimbox	Deposit verbatim text in a box	Segletes	438
verbatimcopy	Make copies of text documents from within L <sup>A</sup> T <sub>E</sub> X	Madsen, Diez	331
verbdef	Define commands which expand to verbatim text	Fairbairns, Carlisle	207
verbinp	"8-bit" verbatim	Perske	387
verbments	Syntax highlighting of source code in L <sup>A</sup> T <sub>E</sub> X documents	Zivković	551
verbtex	Verbatim, interpreting non-ascii text	Perske	387
verbtim2	Verbatim listings in Plain T <sub>E</sub> X	Morgan	350
verdana	Macros and metrics for using Verdana with L <sup>A</sup> T <sub>E</sub> X	Daems	186
verifica	Typeset (Italian high school) exercises	Dossena	195
verifiche	A L <sup>A</sup> T <sub>E</sub> X package to typeset (Italian) high school tests	Raccanello	396
verse	Aids for typesetting simple verse	Robertson, Wilson	411
version	Conditionally include text	Bellantoni, Arseneau	148
versions	Optionally omit pieces of text	Lück	326
versionotes	Display brief notes on verso pages	Gray	235
vertbars	Mark vertical rules in margin of text	Robertson, Wilson	411

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
vertex	Styles for economics working papers and journals	Varian	509
vf-howto	Tutorial on creating virtual fonts	Schmitz	431
vf-knuth	Knuth on virtual fonts	Knuth	292
vfcomb	VF author support	Berdnikov	149
vfinst	Virtual font installation support	Hoening	256
vfware	Tools for virtual font metrics	Knuth	292
vgrid	Overlay a grid on the printed page	Lawrence	309
vhistory	Support for creating a change log	Wertenaue	530
vicentino	Vicentino fonts	Kraml, Kilfiger	298
vietnet	Preprocessor and macros for Vietnamese	Tran	493
viipart	7pt-article class	Zadka	546
viking	Scandinavian runic alphabet as used by the Vikings	Zimmermann	550
vispeech	Using Bell's Visible Speech alphabet	Shoulson	444
visualFAQ-fr	FAQ L <sup>A</sup> T <sub>E</sub> X visuelle francophone	Just	274
visualFAQ	A Visual L <sup>A</sup> T <sub>E</sub> X FAQ	Pakin	380
VisualPSTricks	Visual help for PSTricks based on images with minimum text	Casteleyn	173
visualtex	A T <sub>E</sub> X-oriented visual editor for Windows platforms	Romanenko	414
VisualTikZ	Visual help for TikZ based on images with minimum text	Casteleyn	173
vita	Configurable class for curricula vitarum	Brodnik	161
vita209	A Curriculum Vitae style	Border	156
vmargin	Set various page dimensions	Kuhlmann	302
vmspell	A spell-checker for VMS systems	Fairbairns, Carlisle	207
vmmps	Metrics for using Type 1 fonts available in VMS	Knappen	289
vnTeX-nonfree	URW Classico and URW Garamond extended for Vietnamese	Kotucha	298
vnTeX	Support for Vietnamese	Thành, Lemberg, Kotucha	481
vocaltract	Visualise the vocal tract using L <sup>A</sup> T <sub>E</sub> X and PSTricks	Ververidis	512
volumes	Typeset only parts of a document, with complete indexes etc	Küster	304
voss-mathcol	Typesetting mathematics in colour, in (La)T <sub>E</sub> X	Voß	522
voss-mathmode	A comprehensive review of mathematics in (La)T <sub>E</sub> X	Voß	522
vowel	Draw vowel charts for phonetic research	Rei	402
vpage	Set page sizes	Kuhlmann	302
vpe	Source specials for PDF output	Oberdiek	372
vputils	Manipulate (virtual) property lists	Duggan	198
vpp	View and (selectively) Print PDF and PostScript	Dekker	190
vrB	Verbatim macros in plain T <sub>E</sub> X	van der Laan	305
vrBexin	Verbatim input support	Thompson	490
vrSion	Add version number to a DVI file	Dahlgren	187
vruler	Numbering text	Jiang	270
VSliTeX	Virtual invisible fonts for use with L <sup>A</sup> T <sub>E</sub> X Slides class	Koellner	293
vtTable	Vertical alignment of table cells	Paciorek	378
VTeX/Free	T <sub>E</sub> X system and PDF support for Linux and OS/2	MicroPress	343
vtex	View T <sub>E</sub> X output on an ASCII-only terminal	Wolfe	537
vvcode	Reliable encoder for binary files via email	Kempson	278
vwcol	Variable-width multiple text columns	Robertson	408
vxu	Document classes for Vaxjo University	Nyqvist	366
<b>WWW</b>			
w-a-schmidt	A collection of metrics for commercial fonts	Schmidt, Harcombe	429
w32tex	A comprehensive T <sub>E</sub> X system for Windows	Kakuto	274
wadalab	Wadalab (Japanese) font packages	Lemberg	314
wallcalendar	A wall calendar class with custom layouts	Bhikkhu	151
wallpaper	Easy addition of wallpapers (background images) to L <sup>A</sup> T <sub>E</sub> X documents, including tiling	Wilkinson	532
wargame	A L <sup>A</sup> T <sub>E</sub> X package to prepare hex'n'counter wargames	Holm Christensen	179
warning	Global warnings at the end of the logfile	Harders	246
warpcol	Relative alignment of rows in numeric columns in tabulars	Rochester	411

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
was	A collection of small packages by Walter Schmidt	Schmidt, Harcombe	429
wasy-type1	Type 1 versions of wasy fonts	Hoekwater, Sharpe	256
wasy	The wasy fonts (Waldi symbol fonts)	Waldi	526
wasysym	L <sup>A</sup> T <sub>E</sub> X support for the wasy fonts	Kielhorn	281
watermark	Draw “watermarks” on the output page	Rozhenko	420
weave	Generate T <sub>E</sub> X source from web	Knuth	292
web	The original literate programming system	Knuth	292
Web2C	Conversion programs and supporting code to compile T <sub>E</sub> X in C	Weber, T <sub>E</sub> XLive	528
web2w	Converting T <sub>E</sub> X from WEB to cweb	Ruckert	421
web9pt	Nine-point web listings	Unknown	506
webcomp-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Web Companion	Goossens, Rahtz	231
webfiles	Include CWEB and/or Spidery WEB L <sup>A</sup> T <sub>E</sub> X	Potse	393
webguide	Brief Guide to L <sup>A</sup> T <sub>E</sub> X Tools for Web publishing	Wilson	536
webmacss	Use sans serif font in Web listings	Unknown	506
webomints	Webomints font support	Loreti	323
WebQuiz	Write interactive web based quizzes	Mathas	335
weekday	Generate “day of week”	Vulis	525
wheelchart	Draw wheelcharts with TikZ	Floré	215
wheretotrim	Assist in reducing L <sup>A</sup> T <sub>E</sub> X document page counts	Pakin	380
wichura-table	Table macros for plain T <sub>E</sub> X (and L <sup>A</sup> T <sub>E</sub> X)	Wichura, Carlisle	531
widetable	An environment for typesetting tables of specified width	Beccari	144
widows-and-orphans	Identify (typographic) widows and orphans	Mittelbach	347
wiggly	Draw wiggly lines under text	Garavelli	222
wiki	Use Wiki-style markup in a L <sup>A</sup> T <sub>E</sub> X document	Lück	326
williams	Miscellaneous macros by Peter Williams	Williams	533
willowtreebook	Easy basic book class, built on memoir	McKay	339
win32-emacs-auctex	Ready-to-use Emacs and AucTeX for Windows	Kotucha	298
window	Create windows in paragraphs	Schalück	424
windvi	MS-Windows DVI viewer	Popineau	393
windycity	A Chicago style for BibLaTeX	Chase	175
WinEdt	MS-Windows shell and editor for T <sub>E</sub> X	Simonic	446
winemtex	EmTeX for windows	Unknown	506
Winfonts	Use fonts distributed with Windows XP	Pichaureau	388
winlatex	FrontEnd for T <sub>E</sub> X, Win98/NT, needs Microsoft VisualBasic-DLLs	Reinhardt	403
winshell	A MS-Windows32 user interface for T <sub>E</sub> X	de Boer	154
WinTeX XP	A Win32 T <sub>E</sub> X Editor with the MS Office look and feel	Muecke	351
withargs	In-place argument substitution	Helvensteijn	251
witharrows	“Aligned” math environments with arrows for comments	Pantigny	381
withesis	University of Wisconsin-Madison Thesis L <sup>A</sup> T <sub>E</sub> X Class	Benedict	148
wmaainf	BibTeX style for Abteilung für Angewandte Informatik	Müller	352
wmf2eps	Windows metafile conversion	Schulter	434
wncyr	University of Washington cyrillic fonts	The AMS	483
wnri-latex	L <sup>A</sup> T <sub>E</sub> X support for wnri fonts	Pandey	381
wnri	Ridgeway’s fonts	Ridgeway, Pandey	406
wntamil	Tamil to T <sub>E</sub> X converter	Unknown	506
wochtag	Generate the German weekday name for a date	Schrell	432
Woff2OT	Woff to OpenType converter	Frane Jr	273
word2latex	A translator from MS Word to L <sup>A</sup> T <sub>E</sub> X documents	de Boer	154
word2tex	Convert T <sub>E</sub> X/MSWord to L <sup>A</sup> T <sub>E</sub> X	Chikrii	179
word2x	Word 6 format converter	Simpson	446
wordcount	Estimate the number of words in a L <sup>A</sup> T <sub>E</sub> X document	Downes	195
wordlike	Simulating word processor layout	Fenn	210
WordML2LaTeX	XSLT to transform a WordML file to a L <sup>A</sup> T <sub>E</sub> X2e source	Dambra	188
wordweb	Literate programming using Microsoft Word	Wittenberg, Mc Kearney	536
worksheet	Easy creation of worksheets	Zöllner	551



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
worldflags	Drawing flags with TikZ	Haager	240
wotree	Draw Warnier/Orr diagrams	Gurari	240
WP2LaTeX	Convert WordPerfect documents to L <sup>A</sup> T <sub>E</sub> X	Fojtik	216
wrapfig	Produces figures which text can flow around	Arseneau	135
wrapfig2	Wrap text around figures	Beccari	144
wrapstuff	Wrapping text around stuff	Lee	310
wright	Define commands with optional arguments	Unknown	506
WriteOnGrid	Write on grid lines	Pierquet	389
wrtfile	Write T <sub>E</sub> X files from a T <sub>E</sub> X document	Smith	448
wsemclassic	L <sup>A</sup> T <sub>E</sub> X class for Bavarian school w-seminar papers	Rosenberger	415
wsuipa	International Phonetic Alphabet fonts	Guenther	239
wsuipa2tipa	Translate wsuipa font commands into tipa font commands	Kleiweg	287
WTRef	Extend L <sup>A</sup> T <sub>E</sub> X's cross-reference system	Asakura	136
<b>XXXXX</b>			
xargs	Define commands with many optional arguments	Pégourié-Gonnard	385
xarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 document style with 7pt, 8pt and 9pt options	Unknown	506
xassocnt	Associated counters stepping simultaneously	Hupfer	262
xbibfile	Create and search BibTeX databases	Maloney	332
xbibtex	An X-Windows utility for adding to a BibTeX database	Kelly, Bischof	278
xbmks	Create a cross-document bookmark tree	Story	461
xcharter-math	XCharter-based OpenType Math font for LuaTeX and XeTeX	Flipo	215
XCharter	Extension of Bitstream Charter fonts	Sharpe	442
xcite	Use citation keys from a different document	Gregorio	237
xcjk2uni	Convert CJK characters to Unicode, in pdfTeX	Lee	310
xcmr	A crossed-out version of Computer Modern	Unknown	506
xcntperchap	Track the number of subsections etc. that occur in a specified track-level	Hupfer	263
xcoffins	Rich boxed material for L <sup>A</sup> T <sub>E</sub> X 3	L <sup>A</sup> T <sub>E</sub> X Team	487
xcolor-material	Defines the 256 colors from Google Material Color Palette	Órdenes	376
xcolor-solarized	Defines the 16 colors from Ethan Schoonover's Solarized palette	Cretel	185
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	278
xcomment	Allows selected environments to be included/excluded	Van Zandt, Voß	547
xcookybooky	Typeset (potentially long) recipes	Harder	245
xcpdftips	Natbib citations with PDF tooltips	Kocic	293
xdoc	Extending the L <sup>A</sup> T <sub>E</sub> X doc system	Hellström	250
xduthesis	XeL <sup>A</sup> T <sub>E</sub> X template for writing Xidian University Thesis	Qi	396
xduts	Xidian University T <sub>E</sub> X Suite	Unknown	506
xdvi	A DVI previewer for the X Window System	Vojta	518
xebaposter	Create beautiful scientific Persian/Latin posters using TikZ	Razavian	401
xexchangebar	An extension of package exchangebar that can be used with X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	467
xecjk	Support for CJK documents in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Lee, Liu, Sun, Jiang	310
xecolor	Support for color in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	280
xecolour	Support for colour in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	280
xecyr	Using Cyrillic languages in XeTeX	Shipunov	443
xecyrmongolian	Basic support for the typesetting of Cyrillic Mongolian documents using (Xe Lua)LaTeX	Syropoulos	467
xeindex	Automatic index generation for X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Isambert, Robbers	265
xellipsis	Extremely configurable ellipses with formats for various style manuals	Goodman	231
xepersian-hm	Fixes kashida feature in xepersian package	Movahhedian	351
XePersian	Persian for L <sup>A</sup> T <sub>E</sub> X, using XeTeX	Khalighi, bidi-tex GitHub Organisation	280
xesearch	A string finder for XeTeX	Isambert, Robbers	265
xesoul	Use the soul package with X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	467

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xespotcolor	Spot colours support for Xe <sub>La</sub> TeX	Syropoulos, Elstner	467
XeT-TeX	A bi-directional version of T <sub>E</sub> X	MacKay	330
xetal	Strip T <sub>E</sub> X constructs from a file	Cerf	174
xetex-def	Colour and graphics support for XeTeX	Moore, Kew, L <sup>A</sup> T <sub>E</sub> X Team	349
xetex-devanagari	XeTeX input map for Unicode Devanagari	Stender	457
xetex-greek	Hyphenation for different variants of Greek, under XeTeX	Syropoulos	467
xetex-itrans	Itrans input maps for use with Xe <sub>La</sub> TeX	Abhinandan, Rao	127
xetex-pstricks	Running PSTricks under XeTeX	Shigeru	443
xetex-tibetan	XeTeX input maps for Unicode Tibetan	Stender	457
xetex	An extended variant of T <sub>E</sub> X for use with Unicode sources	Kew, Rosendahl, Hosny, T <sub>E</sub> XLive	279
xetexfontinfo	Report font features in XeTeX	Kew	279
xetexko	Typeset Korean with Xe(La)TeX	Kim	282
XeTeXref	Reference documentation of XeTeX	Robertson	408
xevlna	Insert non-breakable spaces using XeTeX	Wagner	525
xfakebold	Fake a regular font for bold characters	Voß	523
xfig	XWindows vector drawing program	Smith	448
xfor	A reimplementaion of the L <sup>A</sup> T <sub>E</sub> X for-loop macro	Talbot	473
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	487
xfrac	Split-level fractions in L <sup>A</sup> T <sub>E</sub> X2 <sub>ε</sub> *	Høgholm, Madsen, Robertson, Wright	258
xgalley	Control text feeding onto the page	L <sup>A</sup> T <sub>E</sub> X Team	487
xgreek	Greek Language Support for Xe <sub>La</sub> TeX and LuaLaTeX	Syropoulos	467
xhfill	Extending \hrulefill	Voß	523
xifthen	Extended conditional commands	Noirel	364
xii-lat	Christmas silliness (Latin)	Carlisle	171
xii	Christmas silliness (English)	Carlisle	170
xindex	Unicode compatible index generation	Voß	523
xindy-persian	Support for the Persian language in xindy	Khalighi, bidi-tex GitHub Organisation	280
xindy	A general-purpose index processor	Kehr, Schrod	277
xint	Expandable operations on long numbers	Burnol	166
xintsession	Interactive computing sessions (fractions, floating points, polynomials)	Burnol	166
xistercian	Cistercian numerals in L <sup>A</sup> T <sub>E</sub> X	Spratte	453
xits	A Scientific Times-like font with support for mathematical typesetting	Hosny	260
xkcdcolors	xkcd names of colors	Giannetti	225
xkeyval	Extension of the keyval package	Adriaens	128
xkvltxp	Provision for expandable macros in package options	Adriaens	128
xkvview	Xkeyval viewer	Adriaens	128
xl2latex	Convert Excel (97 and above) tables to L <sup>A</sup> T <sub>E</sub> X tabulars	Buchmann	162
xlatex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X shell for X-windows	Dragone	195
xlop	Calculates and displays arithmetic operations	Charpentier	175
xltablear	Longtable support with possible X-column specifier	Voß, Niepraschk	523
xltxtra	“Extras” for L <sup>A</sup> T <sub>E</sub> X users of XeTeX	Robertson	408
xml2pmx	Convert MusicXML to PMX and MusiXTeX	Spivey, Glötzel, Tennent	453
xmlplay	Typeset Shakespeare’s plays as marked up by Bosak	Kilfiger	282
xmltex	Support for parsing XML documents	Carlisle	171
xmpincl	Include eXtensible Metadata Platform data in pdfLaTeX	Sneep	449
xmuthesis	XMU thesis style	Cao	168
xnewcommand	Define \global and \protected commands with \newcommand	Noirel	364
xoptarg	Expandable macros that take an optional argument	Noirel	364
xparse	A generic document command parser	L <sup>A</sup> T <sub>E</sub> X Team	488
xpatch	Extending etoolbox patching commands	Gregorio	237
xpdf	Viewing and manipulating PDF files	Noonburg	364

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xpdfopen	Commands to control PDF readers, under X11	Diamond, Hoekwater, Popineau	192
xpeek	Define commands that peek ahead in the input stream	Salomon	422
xpiano	An extension of the piano package	Gregorio	237
xpicture	Extensions of L <sup>A</sup> T <sub>E</sub> X picture drawing	Fuster	221
xpinyin	Automatically add pinyin to Chinese characters	Lee	310
xprintlen	Print T <sub>E</sub> X lengths in a variety of units	Huang	262
xpunctuate	Process trailing punctuation which may be redundant	Ratcliffe	400
xq	Support for writing about xiangqi	Weinhold, Pipping	529
xr-hyper	Inter-document hyper-references	Carlisle, Oberdiek Package Support Group	171
xr	References to other L <sup>A</sup> T <sub>E</sub> X documents	Carlisle, Drucbert, L <sup>A</sup> T <sub>E</sub> X Team	171
xrefwarn	Only one warning for an undefined citation	Verwer	512
xsavbox	Saveboxes for repeating content without code replication, based on PDF Form XObjects	Grahn	233
xsim	eXercise Sheets IMproved	Niederberger	362
xskak	An extension to the skak package for chess typesetting	Fischer	214
xspace	Define commands that appear not to eat spaces	Carlisle, Høgholm, L <sup>A</sup> T <sub>E</sub> X Team	171
xstring	String manipulation for (La)TeX	Tellechea	476
xtab	Break tables across pages	Robertson, Wilson	411
xtcaps	Defining language-dependent text macros	Fricke	219
xtem	An X11 T <sub>E</sub> X menu built on Tcl/Tk	Lamprecht, Lotz, Weibezahn	307
xtemplate	A high-level interface for declaring document commands	L <sup>A</sup> T <sub>E</sub> X Team	488
xtexcad	Simple drawing program for L <sup>A</sup> T <sub>E</sub> X use	Sixt, Zitzmann	447
XteXShell	A shell/editor	Hofmann	257
xtrcode	Extract contents of L <sup>A</sup> T <sub>E</sub> X environments	Ruedas	421
xtutthesis	XTU thesis template	Dongdong	194
xunicode	Generate Unicode characters from accented glyphs	Moore	349
xurl	Allow URL breaks at any alphanumerical character	Voß	523
xwatermark	Graphics and text watermarks on selected pages	Musa	356
xwpick	Pick an image from an X display	Chernyaev	177
xyling	Draw syntactic trees, etc., for linguistics literature, using xy-pic	Vogel	517
xymatrix	Commutative diagrams using XY-pic	Rose, Moore	415
xymtex	Typesetting chemical structures	Fujita	221
xypic-tut-pt	A tutorial for XY-pic, in Portuguese	Campani	168
xypic	Flexible diagramming macros	Rose, Moore	415
xytree	Tree macros using XY-Pic	Un	498
<b>YYYYY</b>			
yacco2	Multi-threaded LR(1) compiler/compiler that emits literate grammar documents	Bone	154
yafoot	A bundle of miscellaneous footnote packages	Nakashima	357
yagusylo	A symbol loader	Henel	252
yaletter	Extremely flexible macros for letters, envelopes, and label sheets	Goodman	231
YAMLvars	A YAML parser and tool for easy L <sup>A</sup> T <sub>E</sub> X definition creation	Ewasiuk	206
yandy	TUG release of Y and Y's T <sub>E</sub> X distribution	Ma, Horn	330
yannisgr	Greek fonts by Yannis Haralambous	Haralambous, Thull	244
yathesis	A L <sup>A</sup> T <sub>E</sub> X class for writing a thesis following French rules	Bitouzé	152
yax	Yet Another Key System	Isambert, Robbers	265
yazd-thesis	A template for the Yazd University	Damanafshan	188
yb-book	Template for YB Branded Books	Bugayenko	164
ycbook	A versatile book class	Cherem	176
ydoc	Macros for documentation of L <sup>A</sup> T <sub>E</sub> X classes and packages	Scharrer	426

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
Yet-Another-Gui...	A short guide to using L <sup>A</sup> T <sub>E</sub> X2e to typeset high quality documents	Morris	350
yfonts-otf	OpenType version of the Old German fonts designed by Yannis Haralambous	Flipo	215
yfonts-t1	Old German-style fonts, in Adobe type 1 format	Bronger, Haralambous	161
yfonts	Support for old German fonts	Schmidt, Preining	430
yfrak	Old German Fraktur font	Haralambous	244
ygoth	Old German Gothic font	Haralambous	244
ymath	Extended maths fonts for L <sup>A</sup> T <sub>E</sub> X	Haralambous, Preining	244
yi4latex	Yi (Southern Chinese) support	Corff	184
yinit-as	Additions to Yannis Haralambous' Old German decorative initials	Schrell	432
yinit-otf	OTF conversion of Yannis Haralambous' Old German decorative initials	Haralambous	244
yinit	Old German decorative initials	Haralambous	244
york-thesis	A thesis class file for York University, Toronto	Gall	222
young	Young tableaux	Knappen, Wormer	290
youngtab	Typeset Young-Tableaux	Börchers	155
yplan	Daily planner type calendar	Nickalls, Harders	360
yquant	Typesetting quantum circuits in a human-readable language	Desef	191
yswab	Old German Schwabacher font	Haralambous	244
yt4pdf	Play YouTube videos in a PDF	Story	462
ytableau	Many-featured Young tableaux and Young diagrams	Reich	402
ytex	Macro package developed at MIT	Brotsky	161
<b>ZZZZZ</b>			
zaccone	Different configuration for different captions	Unknown	507
zahl2string	Format numbers as German words	Sauer	423
zblbuild	Help with the choice of a BibL <sup>A</sup> T <sub>E</sub> X style and options	Milanese	344
zbmath-review-t...	Template for a zbMATH Open review	Beckenbach	145
zebra-goodies	A collection of handy macros for paper writing	Xue	541
zed-csp	Typesetting Z and CSP format specifications	Davies, Spivey	189
zed	Typeset Z specifications	Spivey	452
zefonts	Virtual fonts to provide T1 encoding from existing fonts	Fuster, Kahn	221
zennote	Streamline your note-taking process!	Liang	315
zero	Start list (etc.) numbering at zero	Verhoeff	511
zhlineskip	Line spacing for CJK documents	Zhang	549
zhlipsum	Chinese dummy text	Zeng	548
zhmakeindex	Makeindex replacement for Chinese users	Liu	317
zhmCJK	Simplify configuration of CJK installations for Chinese	Liu	317
zhmetrics-uptex	Chinese font metrics for upTeX	Liu	317
zhmetrics	TFM subfont files for using Chinese fonts in 8-bit T <sub>E</sub> X	Wang, Wu	527
zhnumber	Typeset Chinese representations of numbers	Lee	310
zhspacing	Spacing for mixed CJK-English documents in XeTeX	Dian, Lee	192
ziffer	Conversion of punctuation in maths mode	Väth	510
zigaretten	Propaganda and mind-numbing for cigarette addicts	Lachaume	305
zip	Barcodes for USA ZIP code	Smith	449
zitie	Create CJK character calligraphy practicing sheets	Unknown	507
zlmitt	Use Latin Modern Typewriter fonts	Sharpe	442
zootaxa-bst	A BibTeX style for the journal Zootaxa	Ballen	139
zref-check	Flexible cross-references with contextual checks based on zref	Barros	140
zref-clever	Clever L <sup>A</sup> T <sub>E</sub> X cross-references based on zref	Barros	140
zref-vario	Extended L <sup>A</sup> T <sub>E</sub> X page cross-references with varioref and zref-clever	Barros	140
zref	A new reference scheme for L <sup>A</sup> T <sub>E</sub> X	Oberdiek	372
zwgetfdate	Get package or file date	Wagner	525
zwpagelayout	Page layout and crop-marks	Wagner	525
zx-calculus	A library to typeset ZX Calculus diagrams	Colisson	182
zxjafbfnt	Fallback CJK font support for xeCJK	Yato	545

Package	Caption	Author	Page
ZXjafont	Set up Japanese font families for $X_{\text{E}}\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$	Yato	545
ZXjatyp	Standard conforming typesetting of Japanese, for $X_{\text{E}}\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$	Yato	545
ZzTeX	A full-featured $\text{T}_{\text{E}}\text{X}$ macro package for producing books, journals, and manuals	Anagnostopoulos	131

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American Astronomical Society. *The aastex package. Macros for Manuscript Preparation for AAS Journals*. 2021-03-01. Version 6.3.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/aastex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aastex>

Amintoosi, Mahmood. *The persian-bib package. Persian translations of classic BibTeX styles*. 2016-06-24. Version 0.9. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/persian-bib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/persian-bib>

Ammers, Eric W. Van and Mark R. Kramer. *The clip package. A language-independent literate programming tool*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/clip>  
 MIRROR: <https://mirror.ctan.org/web/clip>

Anagnostopoulos, Paul C. *The ZzTeX package. A full-featured T<sub>E</sub>X macro package for producing books, journals, and manuals*. 2020-07-20. Version 17.7. LICENSE: mit  
 URL: <https://ctan.org/pkg/zztex>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/zztex>

Anderson, Michael. *The uothesis package. Class for dissertations and theses at the University of Oregon*. 2016-06-24. Version 2.5.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uothesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uothesis>

Andrews, Avery D. *The lingtrees package. Linguistics trees preprocessor and macros*. 2018-09-15. LICENSE: lppl. LingTrees is a package for formatting linguistics trees, consisting of a preprocessor that converts an indented list format into L<sup>A</sup>T<sub>E</sub>X macros, and some macros for doing the layout and line drawing. The line drawing may be done either by or by (PSTricks gives the user more functionality).  
 URL: <https://ctan.org/pkg/lingtrees>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/LingTrees>

Andrews, Phil. *The gplot package. CGM-based graphics support*. 2019-02-03. Version 4.3b2. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/gplot>  
 MIRROR: <https://mirror.ctan.org/support/gplot>

Andronic, Liviu. *The frletter package. Typeset letters in the French style*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/frletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frletter>

Angulo, Pablo. *The textsurgery package. A L<sup>A</sup>T<sub>E</sub>X companion to the “textsurgery” python project*. 2021-07-13. Version 0.6.0. LICENSE: bsd3. This L<sup>A</sup>T<sub>E</sub>X library is a companion to the . It will make sure that “” will work, with reasonable defaults, for a document that is intended to work with , and also has other uses, always in tandem with the package.  
 URL: <https://ctan.org/pkg/textsurgery>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textsurgery>

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

Annagurban, Nazar. *The turkmen package. Babel support for Turkmen*. 2016-06-24. Version 0.2. LICENSE: lppl. The package provides support for Turkmen in , but integration with babel is not available.  
 URL: <https://ctan.org/pkg/turkmen>  
 MIRROR: <https://mirror.ctan.org/language/turkmen>

Antman, Peter. *The oxford package. A BibTeX style geared for use in the humanities*. 2016-06-24. LICENSE: nosell. The style implements the Oxford style interpreted through the eye of a Swede working in the field of the history of ideas. It is based on and a heavily hacked bst-file generated with custom-bib. It currently only supports and and only in abbreviation mode.

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

Antos, David. *The TVS package. TeX Versioning System*. 2016-06-24. Version 1.28. LICENSE: gpl  
URL: <https://ctan.org/pkg/tvs>  
MIRROR: <https://mirror.ctan.org/support/TVS>

Aonuma, Shuji. *The calorie package. Calorie checking for dieters*. 2016-06-24. Version 1.3. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/calorie>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/calorie.sty>

Aplevich, Dwight. *The circuit-macros package. M4 macros for electric circuit diagrams*. 2023-05-31. Version 10.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/circuit-macros>  
MIRROR: [https://mirror.ctan.org/graphics/circuit\\_macros](https://mirror.ctan.org/graphics/circuit_macros)

Appelt, Wolfgang. *The knit package. Tangle and weave with multiple change files*. 2016-06-24. Version 2.7. LICENSE: noinfo. Knit and twist are represented as change files from and (respectively). In each case, they act in the same way as the parent program, but can process more than one change file at the same time.  
URL: <https://ctan.org/pkg/knit>  
MIRROR: <https://mirror.ctan.org/web/knit>

Arapura, Donu. *The Array Maker package. A program for making L<sup>A</sup>T<sub>E</sub>X and xypic arrays*. 2016-06-24. LICENSE: other-free. This program is designed to take some of the tedium out of constructing arrays, diagrams and tables. L<sup>A</sup>T<sub>E</sub>X code is entered into boxes and the program outputs an array that can be pasted into a L<sup>A</sup>T<sub>E</sub>X file. This is written in (≥ 8.0) (most Unix/Linux systems have .  
URL: <https://ctan.org/pkg/arraymaker>  
MIRROR: <https://mirror.ctan.org/support/arraymaker>

Arata, Mizuki. *The cluttex package. An automation tool for running L<sup>A</sup>T<sub>E</sub>X*. 2021-11-05. Version 0.5.1. LICENSE: gpl3+  
URL: <https://ctan.org/pkg/cluttex>  
MIRROR: <https://mirror.ctan.org/support/cluttex>

Araujo, Lauro César. *The abntex2 package. Typeset technical and scientific Brazilian documents based on ABNT rules*. 2018-11-25. Version 1.9.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/abntex2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abntex2>

Arcis, Diego. *The strands package. Draw objects constructed from strands*. 2021-07-12. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/strands>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/strands>

Arellano, Gonzalo Medina. *The background package. Placement of background material on pages of a document*. 2018-01-06. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/background>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/background>

— *The fancypar package. Decoration of individual paragraphs*. 2021-04-17. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fancypar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancypar>

Argañaraz, Gustavo Sebastián Bustamante. *The MakeCirc package. A MetaPost library for drawing electrical circuit diagrams*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/makecirc>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/makecirc>

Árnason, Einar, Johannes L. Braams, and Javier Bezos López. *The babel-icelandic package. Babel support for Icelandic*. 2019-07-04. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-icelandic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/icelandic>

Arnold, Jeffrey B. *The lstbayes package. Listings language driver for Bayesian modeling languages*. 2018-07-07. LICENSE: lppl1.3. The package provides language drivers for the package for several languages not included in that package: BUGS, JAGS, and Stan.  
URL: <https://ctan.org/pkg/lstbayes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstbayes>

Arnold, Tim. *The longfigure package. Provides a figure-like environment that break over pages*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/longfigure>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longfigure>



- Arnold, Tim. *The statrep package. Displays SAS code and results of running the code.* 2017-04-18. Version 1.07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/statrep>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statrep>
- Arriba, Jose Luis Diaz de and Javier Bezos López. *The gloss package. Create glossaries using BibTeX.* 2016-06-24. Version 1.5.2. LICENSE: lppl. A glossary package using BibTeX with replaced by .  
 URL: <https://ctan.org/pkg/gloss>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gloss>
- Arrouye, Yves. *The mkpkfontdir package. Manipulate TDS directories for PK fonts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mkpkfontdir>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mkpkfontdir>
- Arseneau, Donald. *The braket package. Dirac bra-ket and set notations.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/braket>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/braket>
- *The cancel package. Place lines through maths formulae.* 2016-06-24. Version 2.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/cancel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cancel>
  - *The cases package. Numbered cases environment.* 2020-04-03. Version 3.2. LICENSE: other-free  
 URL: <https://ctan.org/pkg/cases>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cases>
  - *The chapterbib package. Multiple bibliographies in a document.* 2016-06-24. Version 1.17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/chapterbib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The cite package. Improved citation handling in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 5.5. LICENSE: other-free  
 URL: <https://ctan.org/pkg/cite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *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>
- Arseneau, Donald. *The notoccite package. Prevent trouble from citations in table of contents, etc.* 2016-06-24. LICENSE: pd. If you have commands in -like commands, or in , the citation will also appear in the table of contents, or list of whatever. If you are also using an unsrt-like bibliography style, these citations will come at the very start of the bibliography, which is confusing. This package suppresses the effect.  
URL: <https://ctan.org/pkg/notoccite>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/notoccite>
- *The nth package. Generate English ordinal numbers.* 2020-04-11. LICENSE: pd. The command generates English ordinal numbers of the form 1st, 2nd, 3rd, 4th, etc. L<sup>A</sup>T<sub>E</sub>X package options may specify that the ordinal mark be superscripted, and that negative numbers may be treated; Plain T<sub>E</sub>X users have no access to package options, so need to redefine macros for these changes.  
URL: <https://ctan.org/pkg/nth>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/nth.sty>
  - *The optional package. Facilitate optional printing of parts of a document.* 2016-06-24. Version 2.2b. LICENSE: l<sup>p</sup>l  
URL: <https://ctan.org/pkg/optional>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/optional>
  - *The oubraces package. Braces over and under a formula.* 2016-06-24. LICENSE: other-free. Provides a means to interleave and in the same formula.  
URL: <https://ctan.org/pkg/oubraces>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oubraces>
  - *The overcite package. Compressed lists of superscript numerical citations.* 2016-06-24. Version 4.01. LICENSE: other-free. The package is actually a wrapper for one of the functions of the packages; it is distributed as part of the bundle of packages.  
URL: <https://ctan.org/pkg/overcite>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The placeins package. Control float placement.* 2016-06-24. Version 2.2. LICENSE: pd. Defines a command, beyond which floats may not pass; useful, for example, to ensure all floats for a section appear before the next command.  
URL: <https://ctan.org/pkg/placeins>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/placeins>
  - *The placeins-plain package. Insertions that keep their place.* 2016-06-24. Version 2.0. LICENSE: pd. This T<sub>E</sub>X file provides various mechanisms (for plain T<sub>E</sub>X and close relatives) to let insertions (footnotes, topins, pageins, etc.) float within their appropriate section, but to prevent them from intruding into the following section, even when sections do not normally begin a new page. (If your sections normally begin a new page, just use to flush out insertions.)  
URL: <https://ctan.org/pkg/placeins-plain>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/placeins.tex>
  - *The random package. Generating “random” numbers in T<sub>E</sub>X.* 2020-04-15. Version 0.2. LICENSE: pd  
URL: <https://ctan.org/pkg/random>  
MIRROR: <https://mirror.ctan.org/macros/generic/random>
  - *The removefr package. Remove from counter-reset lists.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/removefr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments/removefr.tex>
  - *The sansmath package. Maths in a sans font.* 2016-06-24. Version 1.1. LICENSE: pd. The package defines a new math version , and a command that behaves somewhat like  
URL: <https://ctan.org/pkg/sansmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sansmath>
  - *The selectp package. Select pages to be output.* 2016-06-24. Version 1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/selectp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/selectp>
  - *The shapepar package. A macro to typeset paragraphs in specific shapes.* 2018-01-06. Version 2.2. LICENSE: other-free  
URL: <https://ctan.org/pkg/shapepar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shapepar>
  - *The tabs package. Better vertical spacing in tables and arrays.* 2016-06-24. Version 3.5. LICENSE: other-free  
URL: <https://ctan.org/pkg/tabs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabs>
  - *The tabto-generic package. “Tab” to a measured position in the line.* 2016-06-24. LICENSE: pd. moves the typesetting position to from the left margin of the paragraph. If the typesetting position is already further along, starts a new line.

- URL: <https://ctan.org/pkg/tabto-generic>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/tabto.tex>
- Arseneau, Donald. *The tabto-ltx package. "Tab" to a measured position in the line.* 2019-03-05. Version 1.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tabto-ltx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabto>
- *The threeparttable package. Tables with captions and notes all the same width.* 2016-06-24. LICENSE: other-free. Provides a scheme for tables that have a structured note section, after the caption. This scheme provides an answer to the old problem of putting footnotes in tables — by making footnotes entirely unnecessary. Note that a is not a float of itself; but you can place it in a or a environment, if necessary.  
URL: <https://ctan.org/pkg/threeparttable>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/threeparttable>
  - *The titleref package. A "titleref" command to cross-reference section titles.* 2016-06-24. Version 3.1. LICENSE: pd. Defines a command that allows you to cross-reference section (and chapter, etc) titles and captions just like and . The package does not interwork with ; if you need hypertext capabilities, use instead.  
URL: <https://ctan.org/pkg/titleref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titleref>
  - *The truncate package. Truncate text to a specified width.* 2016-06-24. Version 3.6. LICENSE: pd  
URL: <https://ctan.org/pkg/truncate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/truncate>
  - *The ulem package. Package for underlining.* 2020-01-10. LICENSE: other-free  
URL: <https://ctan.org/pkg/ulem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ulem>
  - *The underscore package. Control the behaviour of "\_" in text.* 2018-01-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/underscore>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underscore>
  - *The url package. Verbatim with URL-sensitive line breaks.* 2016-06-24. Version 3.4. LICENSE: lppl. The command is a form of verbatim command that allows linebreaks at certain characters or combinations of characters, accepts reconfiguration, and can usually be used in the argument to another command. (The command provides robust commands that serve in cases when doesn't work in an argument.) The command is intended for email addresses, hypertext links, directories/paths, etc., which normally have no spaces, so by default the package ignores spaces in its argument. However, a package option "allows spaces", which is useful for operating systems where spaces are a common part of file names.  
URL: <https://ctan.org/pkg/url>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/url>
  - *The varindent package. Make paragraph indentation match the length of the line above.* 2016-06-24. LICENSE: noinfo. The package will cause paragraphs to indent to the same position as the end of the last line of the previous paragraph, unless the resulting position would take you to within of the end of the line.  
URL: <https://ctan.org/pkg/varindent>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/varindent.tex>
  - *The varwidth package. A variable-width minipage.* 2018-01-06. Version 0.92. LICENSE: lppl  
URL: <https://ctan.org/pkg/varwidth>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/varwidth>
  - *The wrapfig package. Produces figures which text can flow around.* 2021-12-30. Version 3.6. LICENSE: lppl  
URL: <https://ctan.org/pkg/wrapfig>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wrapfig>
- Arseneau, Donald and Johannes L. Braams. *The subeqn package. Package for subequation numbering.* 2016-06-24. Version 2.0b. LICENSE: lppl  
URL: <https://ctan.org/pkg/subeqn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subeqn>
- Artime, Carlos Enrique Carleos, Luis Rivera, and Daniel Vela. *The lshort-spanish package. Short introduction to L<sup>A</sup>T<sub>E</sub>X, Spanish translation.* 2016-06-24. Version 0.5. LICENSE: other-free. A Spanish translation of the , version 20.  
URL: <https://ctan.org/pkg/lshort-spanish>  
MIRROR: <https://mirror.ctan.org/info/lshort/spanish>
- Asakura, Takuto. *The BXghost package. Ghost insertion for proper xkanjiskip.* 2023-02-25. Version 0.5.1. LICENSE: mit  
URL: <https://ctan.org/pkg/bxghost>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxghost>

- Asakura, Takuto. *The BXjaholiday package. Support for Japanese holidays*. 2021-09-28. Version 1.1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxjaholiday>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjaholiday>
- *The gotoh package. An implementation of the Gotoh sequence alignment algorithm*. 2017-07-07. Version 1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/gotoh>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gotoh>
  - *The Light L<sup>A</sup>T<sub>E</sub>X Make package. llmk: A build tool for L<sup>A</sup>T<sub>E</sub>X documents*. 2023-03-08. Version 1.2.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/light-latex-make>  
 MIRROR: <https://mirror.ctan.org/support/light-latex-make>
  - *The platexcheat package. A L<sup>A</sup>T<sub>E</sub>X cheat sheet, in Japanese*. 2019-01-04. Version 3.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/platexcheat>  
 MIRROR: <https://mirror.ctan.org/info/latexcheat/platexcheat>
  - *The WTRef package. Extend L<sup>A</sup>T<sub>E</sub>X's cross-reference system*. 2020-06-15. Version 0.4.0. LICENSE: mit. Prerequisite packages: and .  
 URL: <https://ctan.org/pkg/wtref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wtref>
- Asakura, Takuto, Thomas Esser, Manuel Pégourié-Gonnard, and The T<sub>E</sub>X Live Team. *The texdoc package. Documentation access for T<sub>E</sub>X Live*. 2023-02-27. Version 4.0.1. LICENSE: gpl. is a Lua script providing easy access to the documentation in T<sub>E</sub>X Live: PDF, DVI, plain text files, and more. Viewing and other configuration can be extensively customized. It is distributed with ; provides a program by the same name to do the same job, but its implementation is unrelated.  
 URL: <https://ctan.org/pkg/texdoc>  
 MIRROR: <https://mirror.ctan.org/support/texdoc>
- Ashton, James. *The indxcite package. Generate author index based on citations*. 2016-06-24. Version 1.1. LICENSE: other-nonfree. A package to automatically generate an Author Index based on citations made using BibT<sub>E</sub>X. It requires the use of the and packages and L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>.  
 URL: <https://ctan.org/pkg/indxcite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/indxcite>
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 URL: <https://ctan.org/pkg/saferef>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jupyterotex>
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URL: <https://ctan.org/pkg/lshort-mongo1>  
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- *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.)



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 URL: <https://ctan.org/pkg/lwasseq>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/lwasseq>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/germkorr>
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 MIRROR: <https://mirror.ctan.org/info/french-translations>
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 URL: <https://ctan.org/pkg/stack>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stack>
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 URL: <https://ctan.org/pkg/undertilde>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/undertilde>
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URL: <https://ctan.org/pkg/aspectratio>  
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URL: <https://ctan.org/pkg/babel-friulan>  
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URL: <https://ctan.org/pkg/babel-piedmontese>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/piedmontese>
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URL: <https://ctan.org/pkg/babel-romansh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romansh>
  - *The begingreek package. Greek environment to be used with pdfL<sup>A</sup>T<sub>E</sub>X only*. 2022-05-16. Version 1.7. LICENSE: lppl1.3c. This simple package defines a greek environment to be used with pdfL<sup>A</sup>T<sub>E</sub>X only, that accepts an optional Greek font family name to type its contents with. A similar command does a similar action for shorter texts.  
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MIRROR: <https://mirror.ctan.org/fonts/greek/cbfonts-fd>
  - *The codicefiscaleitaliano package. Test the consistency of the Italian personal Fiscal Code*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codicefiscaleitaliano>

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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 euclidean geometry package. Draw geometrical constructions*. 2021-10-04. Version 0.2.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/euclidean geometry>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euclidean geometry>
  - *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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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/swfigure>
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URL: <https://ctan.org/pkg/testthyphens>  
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URL: <https://ctan.org/pkg/teubner>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/teubner>
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URL: <https://ctan.org/pkg/toptesi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/toptesi>
  - *The widetable package. An environment for typesetting tables of specified width*. 2020-01-15. Version 2.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/widetable>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/widetable>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wrapfig2>
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 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/zbmath-review-template>
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 URL: <https://ctan.org/pkg/ltxdiff>  
 MIRROR: <https://mirror.ctan.org/support/ltxdiff>
- *The runtex package. Windows program to run T<sub>E</sub>X variant and various utils as needed*. 2016-06-24. Version 0.1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/runtex>  
 MIRROR: <https://mirror.ctan.org/support/runtex>
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 URL: <https://ctan.org/pkg/anonymous-acm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anonymous-acm>
- Becker, Daniel. *The epspdfconversion package. On-the-fly conversion of EPS to PDF*. 2016-06-24. Version 0.61. LICENSE: lppl. The package calls the package to convert EPS graphics to PDF, on the fly. It serves as a vehicle for passing conversion options (such as , or ) to the converter.  
 URL: <https://ctan.org/pkg/epspdfconversion>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epspdfconversion>
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 URL: <https://ctan.org/pkg/lshort-dutch>  
 MIRROR: <https://mirror.ctan.org/info/lshort/dutch>
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 URL: <https://ctan.org/pkg/beebe-dvi>  
 MIRROR: <https://mirror.ctan.org/dviware/beebe>
- *The bibclean package. A BibTeX prettyprinter, verifier, etc*. 2016-06-24. Version 2.11.3. LICENSE: noinfo. Bibclean is a portable program (written in C) that will pretty-print, syntax check, and generally sort out a BibTeX database file. The standardised format of bibclean’s output improves the chances of simple filters such as , , , (and so on) operating correctly.  
 URL: <https://ctan.org/pkg/bibclean>  
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibsort>
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 URL: <https://ctan.org/pkg/bibtex-examples>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/examples>
  - *The bibtex-test package. BibTeX testing files*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bibtex-test>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/test>
  - *The filehdr package. Self-descriptions in file headers*. 2016-06-24. Version 1.31. LICENSE: gpl  
 URL: <https://ctan.org/pkg/filehdr>  
 MIRROR: <https://mirror.ctan.org/support/filehdr>
  - *The is-bst package. Extended versions of standard BibTeX styles*. 2019-11-05. Version 2.03. LICENSE: other-free  
 URL: <https://ctan.org/pkg/is-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/is-bst>
  - *The showtags package. Print the tags of bibliography entries*. 2016-06-24. Version 1.05. LICENSE: pd  
 URL: <https://ctan.org/pkg/showtags>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/showtags>
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 This BibTeX style file is generated with the docstrip utility and modified manually to meet the as published in N Engl J Med 1997;336:309-315 (also known as the Vancouver style). The complete set of requirements may be viewed on the web site.  
 URL: <https://ctan.org/pkg/vancouver>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/vancouver>
- Beeman, Roger L. and Pierre A. MacKay. *The fontbl package. A font sampler*. 2016-06-24. LICENSE: noinfo. An interactive program, that asks for font name and magnification, and then sets a table, a lower- and an upper-case alphabet listing, and a short text sample. This sample reflects a combination of the options available in testfont (in the distribution).  
 URL: <https://ctan.org/pkg/fontbl>  
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 URL: <https://ctan.org/pkg/pxgreeks>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pxgreeks>
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 URL: <https://ctan.org/pkg/tableof>  
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URL: <https://ctan.org/pkg/edmargin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edmargin>
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URL: <https://ctan.org/pkg/endheads>  
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- *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.  
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- 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 `lshort`. The GUI is available as a Windows executable, as a Tcl/Tk script, and as Tkinter. 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 `\layaureo`), and an option called `big` which it forces `typearea` to become maximum.

- URL: <https://ctan.org/pkg/layaureo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/layaureo>
- Buss, Sam. *The bussproofs package. Proof trees in the style of the sequent calculus*. 2019-04-04. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bussproofs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bussproofs>
- Buxbaum, Engelbert. *The alchemist package. Typeset alchemist and astrological symbols*. 2023-04-10. Version 1.00. LICENSE: gpl,lppl  
 URL: <https://ctan.org/pkg/alchemist>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/alchemist>
- *The biochemistry-colors package. Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry*. 2017-06-05. Version 1.00. LICENSE: lppl,gpl  
 URL: <https://ctan.org/pkg/biochemistry-colors>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biochemistry-colors>
- *The css-colors package. Named colors for web-safe design*. 2018-01-06. Version 1.02. LICENSE: lppl,gpl. This package defines web-safe colors for use with D.P. Carlisle’s package. It is intended for both authors and package writers (e.g. to create color themes).  
 URL: <https://ctan.org/pkg/css-colors>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/css-colors>
- *The latex-course package. A L<sup>A</sup>T<sub>E</sub>X course as a projected presentation*. 2016-06-24. Version 2. LICENSE: gpl. A brief Beamer-based slide presentation on L<sup>A</sup>T<sub>E</sub>X, based on , which the author has translated to English and taken to L<sup>A</sup>T<sub>E</sub>X2e/Beamer. Additional material was taken from the .  
 URL: <https://ctan.org/pkg/latex-course>  
 MIRROR: <https://mirror.ctan.org/info/latex-course>
- Bzyl, Wlodek. *The i-ching package. An i-ching package*. 2016-06-24. LICENSE: gpl. A complete Plain T<sub>E</sub>X-based i-ching divination system, including an Adobe Type 1 font for the characters. Translations are derived from Alan Stanier’s work in his package.  
 URL: <https://ctan.org/pkg/i-ching>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/i-ching>
- *The tweb package. A web system for T<sub>E</sub>X macro sources*. 2016-06-24. LICENSE: noinfo. Tweb uses to provide a better means of printing T<sub>E</sub>X macro sources.  
 URL: <https://ctan.org/pkg/tweb>  
 MIRROR: <https://mirror.ctan.org/web/tweb>
- Bzyl, Wlodek and Staszek Wawrykiewicz. *The utf8mex package. Tools to produce formats that read Polish language input*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/utf8mex>  
 MIRROR: <https://mirror.ctan.org/language/polish/utf8mex>
- Cadiou, Aurélien. *The ladder package. Draw simple ladder diagrams using TikZ*. 2017-10-09. LICENSE: mit  
 URL: <https://ctan.org/pkg/ladder>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/ladder>
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 URL: <https://ctan.org/pkg/mrcheckbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/mrcheckbib>
- Caignaert, Christophe. *The kpfonts package. A complete set of fonts for text and mathematics*. 2023-01-19. Version 3.35. LICENSE: lppl,gpl  
 URL: <https://ctan.org/pkg/kpfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/kpfonts>
- Callegari, Sergio. *The draftwatermark package. Put a grey textual watermark on document pages*. 2020-12-08. Version 3.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/draftwatermark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftwatermark>
- *The everypage package. Provide hooks to be run on every page of a document*. 2020-10-18. Version 2.0b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/everypage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/everypage>
- Callegari, Sergio. *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: lpl  
 URL: <https://ctan.org/pkg/rotpages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotpages>
- Callil-Soares, Pedro. *The tikzviolinplots package. Draws violin plots from data.* 2023-03-23. Version 0.7.2. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/tikzviolinplots>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzviolinplots>
- Calvani, Massimo. *The prepr package. Preprint macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/prepr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/prepr>
- Camara Neto, Vilar da. *The breakurl package. Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf.* 2016-06-24. Version 1.40. LICENSE: lpl. This package provides a command much like hyperref’s that typesets a URL using a typewriter-like font. However, if the dvips driver is being used, the original doesn’t allow line breaks in the middle of the created link: the link comes in one atomic piece. This package allows such line breaks in the generated links.  
 URL: <https://ctan.org/pkg/breakurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breakurl>
- Campani, Carlos. *The beamer-tut-pt package. An introduction to the Beamer class, in Portuguese.* 2016-06-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/beamer-tut-pt>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/beamer>
- *The cursolatex package. A L<sup>A</sup>T<sub>E</sub>X tutorial.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/cursolatex>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/cursolatex>
- *The xypic-tut-pt package. A tutorial for XY-pic, in Portuguese.* 2016-06-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/xypic-tut-pt>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/xypic-tutorial>
- Camps, Jean-Baptiste. *The biblatex-enc package. BibL<sup>A</sup>T<sub>E</sub>X style for the École nationale des chartes (Paris).* 2017-06-19. Version 1.0. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/biblatex-enc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-enc>
- Cannayen, Igathinathane. *The ndsu-thesis-2022 package. North Dakota State University disquisition class 2022.* 2022-07-15. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/ndsu-thesis-2022>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ndsu-thesis-2022>
- Cantor, David G. and Dominik Wujastyk. *The drop package. Dropped capitals at the start of a paragraph (L<sup>A</sup>T<sub>E</sub>X 2.09).* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/drop>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drop.sty>
- Cao, Camuse. *The xmuthesis package. XMU thesis style.* 2020-10-12. Version 0.4.1. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/xmuthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xmuthesis>
- Cappelletti, Luca. *The adigraph package. Augmenting directed graphs.* 2019-01-29. Version 1.7.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/adigraph>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/adigraph>
- *The lectures package. A document class for quickly drafting nice looking lecture notes.* 2020-02-02. Version 1.0.5. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X documentclass provides a number of gimmicks to draft nice looking lecture notes, such as a number of theorem environments, automatic spacing and alignment of figures and much more. More information is available in the .  
 URL: <https://ctan.org/pkg/lectures>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lectures>
- Caprio, Mark. *The iopart-num package. Numeric citation style for IOP journals.* 2016-06-24. Version 2.1. LICENSE: lpl  
 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: lpl. The package defines the W3C Scalable Vector Graphics (SVG) colour names for use with both the and packages.  
 URL: <https://ctan.org/pkg/svgcolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svgcolor>

- Carlisle, David. *The blkarray package. Extended array and tabular*. 2018-01-06. Version 0.07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/blkarray>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/blkarray>
- *The carlisle package. David Carlisle’s small packages*. 2021-06-13. LICENSE: lppl. Many of David Carlisle’s more substantial packages stand on their own, or as part of the L<sup>A</sup>T<sub>E</sub>X set; this set contains:  
 URL: <https://ctan.org/pkg/carlisle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle>
  - *The colortbl package. Add colour to L<sup>A</sup>T<sub>E</sub>X tables*. 2022-07-31. Version 1.0f. LICENSE: lppl  
 URL: <https://ctan.org/pkg/colortbl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colortbl>
  - *The comma package. Formats a number by inserting commas*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/comma>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/comma>
  - *The dotlessj package. Generates a dot-less j*. 2022-03-14. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dotlessj>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/dotlessj.sty>
  - *The elocalloc package. Local allocation macros for L<sup>A</sup>T<sub>E</sub>X 2015*. 2016-12-15. Version 0.03. LICENSE: lppl. Local allocation macros, with names taken from but with implementation based on the L<sup>A</sup>T<sub>E</sub>X 2015 allocation macros.  
 URL: <https://ctan.org/pkg/elocalloc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elocalloc>
  - *The fix2col package. Fix miscellaneous two column mode features*. 2016-06-24. Version 0.04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fix2col>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fix2col>
  - *The fragments package. Fragments of L<sup>A</sup>T<sub>E</sub>X code*. 2018-09-13. LICENSE: collection  
 URL: <https://ctan.org/pkg/fragments>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments>
  - *The graphics-pln package. LaTeX-style graphics for Plain T<sub>E</sub>X users*. 2022-12-02. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/graphics-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics>
  - *The grfguide package. L<sup>A</sup>T<sub>E</sub>X standard graphics and color packages documentation*. 2021-06-01. LICENSE: lppl1.3c. Documentation of the bundle. The guide discusses using graphics in L<sup>A</sup>T<sub>E</sub>X, including documentation on the use of colour (the package).  
 URL: <https://ctan.org/pkg/grfguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The grfpaste package. Include fragments of a dvi file*. 2016-06-24. Version 0.2. LICENSE: lppl. Provides a mechanism to include fragments of dvi files with the package, so that you can use to include dvi files. The package requires the program.  
 URL: <https://ctan.org/pkg/grfpaste>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfpaste>
  - *The hhline package. Better horizontal lines in tabulars and arrays*. 2023-06-09. Version 2.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hhline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The latex-context-ppctex package. Legacy stub to allow loading pictex as m-pictex*. 2023-03-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latex-context-ppctex>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/latex-context-ppctex>
  - *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>
- Carlisle, David. *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.

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

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

- *The plain-ltx package. Make plain T<sub>E</sub>X files L<sup>A</sup>T<sub>E</sub>Xable.* 2022-03-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/plain-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/plain.sty>
- *The pslatex package. Use PostScript fonts by default.* 2021-01-15. Version 1.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pslatex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pslatex>
- *The pspicture package. PostScript picture support.* 2016-06-24. LICENSE: lppl. A replacement for L<sup>A</sup>T<sub>E</sub>X’s picture macros, that uses PostScript commands. The package is now largely superseded by .  
 URL: <https://ctan.org/pkg/pspicture>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pspicture>
- *The remreset package. Remove counters from reset list.* 2022-03-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/remreset>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/remreset.sty>
- *The scalefmt package. Rescale fonts to arbitrary sizes.* 2022-03-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/scalefmt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/scalefmt.sty>
- *The showkeys package. Show label, ref, cite and bib keys.* 2023-06-09. Version 3.19. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/showkeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- *The slashed package. Put a slash through characters.* 2022-03-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/slashed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/slashed.sty>
- *The tabulary package. Tabular with variable width columns balanced.* 2018-01-06. Version 0.10. LICENSE: lppl. The package defines a -like environment, , taking a ‘total width’ argument as well as the column specifications. The environment uses column types , , and for variable width columns (‘, , , and normally justified). In contrast to ’s X columns, the width of each column is weighted according to the natural width of the widest cell in the column.  
 URL: <https://ctan.org/pkg/tabulary>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabulary>
- *The textcase package. Case conversion ignoring mathematics, etc.* 2022-07-10. Version 1.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/textcase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textcase>
- *The type1cm package. Arbitrary size font selection in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/type1cm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/type1cm>
- *The typehtml package. Typeset HTML directly from L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/typehtml>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typehtml>
- *The typewriter package. Typeset with a randomly variable monospace font.* 2021-08-26. Version 1.1. LICENSE: lppl. The package uses the , together with a LuaTeX virtual font setup that introduces random variability in grey level and angle of each character. It was originally an .  
 URL: <https://ctan.org/pkg/typewriter>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/typewriter>
- *The ucharcat package. Implementation of the (new in 2015) XeTeX \Ucharcat command in lua, for LuaTeX.* 2016-06-24. Version 0.03. LICENSE: lppl. The package implements the \Ucharcat command for LuaLaTeX. is a new primitive in XeTeX, an extension of the existing command, that allows the specification of the catcode as well as character code of the character token being constructed.  
 URL: <https://ctan.org/pkg/ucharcat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucharcat>
- *The xii package. Christmas silliness (English).* 2017-11-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xii>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xii>

- Carlisle, David. *The xii-lat package. Christmas silliness (Latin)*. 2017-11-20. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/xii-lat>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xii-lat>
- *The xmltex package. Support for parsing XML documents*. 2018-04-05. Version 0.8. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/xmltex>  
 MIRROR: <https://mirror.ctan.org/macros/xmltex/base>
- Carlisle, David and Karl Berry. *The miniltx package. An abstract of L<sup>A</sup>T<sub>E</sub>X facilities for use with Plain T<sub>E</sub>X*. 2022-09-29. LICENSE: lpp1.  
 Part of the collection which allows the use of L<sup>A</sup>T<sub>E</sub>X's graphics, colour, and picture mode commands in plain T<sub>E</sub>X based formats.  
 URL: <https://ctan.org/pkg/miniltx>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics/miniltx.tex>
- Carlisle, David, Peter Breitenlohner, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The etex-pkg package. E-TeX support package*. 2017-04-18. Version 2.7.  
 LICENSE: lpp1.3  
 URL: <https://ctan.org/pkg/etex-pkg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etex-pkg>
- Carlisle, David, Jean-Pierre Drucbert, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The xr package. References to other L<sup>A</sup>T<sub>E</sub>X documents*. 2023-06-09.  
 Version 5.06. LICENSE: lpp1.3c  
 URL: <https://ctan.org/pkg/xr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Carlisle, David and Robin Fairbairns. *The maths-symbols package. Summary of mathematical symbols available in L<sup>A</sup>T<sub>E</sub>X*. 2017-04-18.  
 Version 3.4. LICENSE: lpp1.2. A predecessor of the , covering mathematical symbols available in standard L<sup>A</sup>T<sub>E</sub>X (including the AMS symbols, if available at compile time).  
 URL: <https://ctan.org/pkg/maths-symbols>  
 MIRROR: <https://mirror.ctan.org/info/symbols/math>
- Carlisle, David, Morten Høgholm, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The xspace package. Define commands that appear not to eat spaces*.  
 2023-06-09. Version 1.13. LICENSE: lpp1.3c  
 URL: <https://ctan.org/pkg/xspace>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Carlisle, David, David Kastrup, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The longtable package. Allow tables to flow over page boundaries*.  
 2023-06-09. Version 4.17. LICENSE: lpp1.3c  
 URL: <https://ctan.org/pkg/longtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Carlisle, David, Frank Mittelbach, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The bm package. Access bold symbols in maths mode*. 2023-06-09.  
 Version 1.2f. LICENSE: lpp1.3c  
 URL: <https://ctan.org/pkg/bm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Carlisle, David and Oberdiek Package Support Group. *The xr-hyper package. Inter-document hyper-references*. 2023-05-26. Version 7.00y.  
 LICENSE: lpp1  
 URL: <https://ctan.org/pkg/xr-hyper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref/xr-hyper.sty>
- Carlisle, David, Sebastian Rahtz, Hans Hagen, Martin Schröder, and Heiko Oberdiek. *The pdftex-def package. Colour and Graphics support for pdfTeX*. 2022-09-23. Version 1.2b. LICENSE: lpp1.3c  
 URL: <https://ctan.org/pkg/pdftex-def>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphics-def>
- Carlisle, David, Walter A. Schmidt, and Karl Berry. *The ly1 package. Support for LY1 L<sup>A</sup>T<sub>E</sub>X encoding*. 2022-06-11. LICENSE: lpp1  
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MIRROR: <https://mirror.ctan.org/fonts/verdana>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/levy>
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URL: <https://ctan.org/pkg/deleq>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/deleq>
  - *The dropping package. Drop first letter of paragraphs*. 2016-06-24. Version 0.12a. LICENSE: nosell. The package provides A L<sup>A</sup>T<sub>E</sub>X2e macro for dropping the first character(s) (or word(s)) of a paragraph, extending the L<sup>A</sup>T<sub>E</sub>X 2.09 package and automatically taking care of finding the font name. Now largely superseded by .



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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dropping>
- Dahlgren, Mats. *The floatflt package. Wrap text around floats.* 2016-06-24. Version 1.31. LICENSE: lppl1.3. The package can float text around figures and tables which do not span the full width of a page; it improves upon , and allows tables/figures to be set left/right or alternating on even/odd pages.  
URL: <https://ctan.org/pkg/floatflt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/floatflt>
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URL: <https://ctan.org/pkg/uni-wtal-ger>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/uni-wtal-ger>
- *The uni-wtal-lin package. Citation style for linguistic studies at the University of Wuppertal.* 2016-06-24. Version 0.2. LICENSE: lppl1.3. The package defines a citation style based on the standard author-year style. The citations are optimised for linguistic studies at the Institute of Linguistics at the Bergische Universität Wuppertal.  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/uni-wtal-lin>
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URL: <https://ctan.org/pkg/aguplus>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aguplus>
- *The authblk package. Support for footnote style author/affiliation.* 2017-09-02. Version 1.3. LICENSE: lppl1  
URL: <https://ctan.org/pkg/authblk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/preprint>
- *The balance package. Balanced two-column mode.* 2016-06-24. Version 4.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/balance>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/preprint>
- *The bibentry package. Full bibliography entries in the main text of a document.* 2016-06-24. Version 1.5. LICENSE: lppl1  
URL: <https://ctan.org/pkg/bibentry>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/natbib>
- *The custom-bib package. Customised BibTeX styles.* 2016-06-24. Version 4.33. LICENSE: lppl  
URL: <https://ctan.org/pkg/custom-bib>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/custom-bib>
- *The figcaps package. Collect figure captions for later printing.* 2016-06-24. Version 4.7. LICENSE: lppl  
URL: <https://ctan.org/pkg/figcaps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/preprint>
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URL: <https://ctan.org/pkg/fullpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/preprint>
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URL: <https://ctan.org/pkg/preprint>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/preprint>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/natbib>
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 URL: <https://ctan.org/pkg/dichokey>  
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 URL: <https://ctan.org/pkg/tabriz-thesis>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/tabriz-thesis>
- *The yazd-thesis package. A template for the Yazd University*. 2021-09-15. Version 0.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/yazd-thesis>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/yazd-thesis>
- Dambra, Ruggero. *The WordML2LaTeX package. XSLT to transform a WordML file to a L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>ε source*. 2016-06-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/wordml2latex>  
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 URL: <https://ctan.org/pkg/crudetype>  
 MIRROR: <https://mirror.ctan.org/dviware/crudetype>
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- Danaux, Xavier and Stephan Lachnit. *The moderncv package. A modern curriculum vitae class*. 2022-02-21. Version 2.3.1. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/moderncv>
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 URL: <https://ctan.org/pkg/piano>  
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 URL: <https://ctan.org/pkg/fullwidth>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullwidth>
- *The lengthconvert package. Express lengths in arbitrary units*. 2020-05-07. Version 1.0a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lengthconvert>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lengthconvert>
- Daniel, Marco and Elke Schubert. *The mdframed package. Framed environments that can split at page boundaries*. 2018-09-15. Version 1.9b. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mdframed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mdframed>
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 MIRROR: <https://mirror.ctan.org/support/latex-make>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fistrum>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etsvthor>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/darkmode>
- Dekker, Wybo H. *The ctable package. Flexible typesetting of table and figure floats using key/value directives*. 2016-06-24. Version 1.31. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ctable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ctable>
- *The dtxgen package. Creates a template for a self-extracting .dtx file*. 2019-07-21. Version 1.08. LICENSE: gpl. The script creates a template for a self-extracting file. It is useful for those who plan to create a new Documented L<sup>A</sup>T<sub>E</sub>X Source () file.  
 URL: <https://ctan.org/pkg/dtxgen>  
 MIRROR: <https://mirror.ctan.org/support/dtxgen>
  - *The isodoc package. A L<sup>A</sup>T<sub>E</sub>X class for typesetting letters and invoices*. 2021-06-25. Version 1.14. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/isodoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isodoc>
  - *The ltxfileinfo package. Print version information for a L<sup>A</sup>T<sub>E</sub>X file*. 2016-06-24. Version 2.04. LICENSE: gpl. displays version information for L<sup>A</sup>T<sub>E</sub>X files. If no path information is given, the file is searched using . As an extra, for developers, the script will (use the or options) check the validity of the statements in the files. The script uses code from Uwe Lück's .  
 URL: <https://ctan.org/pkg/ltxfileinfo>  
 MIRROR: <https://mirror.ctan.org/support/ltxfileinfo>
  - *The lug package. Create and edit T<sub>E</sub>X Local User Group web pages*. 2022-03-28. Version 3.00. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lug>  
 MIRROR: <https://mirror.ctan.org/support/lug>
  - *The match\_parens package. Find mismatches of parentheses, braces, (angle) brackets, in texts*. 2023-03-23. Version 1.44. LICENSE: gpl  
 URL: [https://ctan.org/pkg/match\\_parens](https://ctan.org/pkg/match_parens)  
 MIRROR: [https://mirror.ctan.org/support/match\\_parens](https://mirror.ctan.org/support/match_parens)
  - *The mk package. A T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X maker*. 2018-04-12. Version 3.07. LICENSE: gpl. mk is a Bash script that, in close collaboration with (short for View and Print PDF/PostScript), is helpful in the cyclic process of editing, compiling, viewing, and printing a L<sup>A</sup>T<sub>E</sub>X, X<sub>L</sub><sup>A</sup>T<sub>E</sub>X, or plain T<sub>E</sub>X document. Essentially, mk uses for compilation, for viewing and printing.

- URL: <https://ctan.org/pkg/mk>  
MIRROR: [https://mirror.ctan.org/support/latex\\_maker](https://mirror.ctan.org/support/latex_maker)
- Dekker, Wybo H. *The mkipic package. Perl interface to mfpic*. 2016-06-24. Version 1.02. LICENSE: gpl. mkipic provides an easy interface for making small pictures with . To this end you create an input file consisting of commands, one per line, with space separated parameters (or you modify the DATA section of the mkipic script, which is used if you run it without an input file). For an extensive description see the file , which is part of the distribution.  
URL: <https://ctan.org/pkg/mkipic>  
MIRROR: <https://mirror.ctan.org/support/mkipic>
- *The proofread package. Commands for inserting annotations*. 2021-08-26. Version 1.04. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/proofread>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proofread>
  - *The prv package. Compile, preview, and print L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 0.7. LICENSE: noinfo  
URL: <https://ctan.org/pkg/prv>  
MIRROR: <https://mirror.ctan.org/obsolete/support/prv>
  - *The texlog-extract package. Extract errors and warnings from T<sub>E</sub>X logs*. 2019-02-05. Version 3.04. LICENSE: gpl  
URL: <https://ctan.org/pkg/texlog-extract>  
MIRROR: <https://mirror.ctan.org/support/texlog-extract>
  - *The vpp package. View and (selectively) Print PDF and PostScript*. 2018-04-04. Version 3.07. LICENSE: gpl. is a Bash script that displays a PDF or PostScript document (after conversion to PDF). The user can use the viewer to print the document or, alternatively, leave the viewer and use '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>  
MIRROR: [https://mirror.ctan.org/support/view\\_print\\_ps\\_pdf](https://mirror.ctan.org/support/view_print_ps_pdf)
- Delgosha, Farshid. *The pst-2dplot package. A PStricks package for drawing 2D curves*. 2016-06-24. Version 1.5. LICENSE: lppl. Pst-2dplot is a package that offers an easy-to-use and intuitive tool for plotting 2-d curves. It defines an environment with commands similar to MATLAB for plotting.  
URL: <https://ctan.org/pkg/pst-2dplot>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-2dplot>
- *The pst-sigsys package. Support of signal processing-related disciplines*. 2016-06-24. Version 1.4. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-sigsys>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-sigsys>
- Delmotte, Alain. *The pgf-soroban package. Create images of the soroban using TikZ/PGF*. 2016-06-24. Version 1.1. LICENSE: lppl. The package makes it possible to create pictures of the soroban (Japanese abacus) using  
URL: <https://ctan.org/pkg/pgf-soroban>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-soroban>
- *The pst-soroban package. Draw a Soroban using PStricks*. 2018-09-15. Version 1.0. LICENSE: lppl. The package uses to draw a Japanese abacus, or soroban. The soroban is still used in Japan today.  
URL: <https://ctan.org/pkg/pst-soroban>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-soroban>
- DeMarco, M.C. *The sffms package. Typesetting science fiction/fantasy manuscripts*. 2016-06-24. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/sffms>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sffms>
- Denenberg, Larry. *The ivd2dvi package. Convert IVD-DVI files to DVI*. 2016-06-24. LICENSE: other-free. The T<sub>E</sub>X extension T<sub>E</sub>X-XeT (single hyphen: not to be confused with ) produces 'IVD-DVI' files which extend DVI files with 'reflection' commands for horizontal reversal of text. In general, IVD-DVI files cannot be processed by an ordinary DVI processor; will convert such a file to DVI so that it can be processed by a normal DVI driver.  
URL: <https://ctan.org/pkg/ivd2dvi>  
MIRROR: <https://mirror.ctan.org/dviware/ivd2dvi>
- Deng, Dongsheng. *The ElegantNote package. Elegant L<sup>A</sup>T<sub>E</sub>X Template for Notes*. 2023-01-02. Version 2.50. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/elegantnote>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/elegantnote>
- *The ElegantPaper package. An Elegant L<sup>A</sup>T<sub>E</sub>X Template for Working Papers*. 2023-01-02. Version 0.11. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/elegantpaper>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/elegantpaper>
- Deng, Dongsheng and Liam Huang. *The ElegantBook package. An Elegant L<sup>A</sup>T<sub>E</sub>X Template for Books*. 2023-01-02. Version 4.5. LICENSE: lppl1.3c

- URL: <https://ctan.org/pkg/elegantbook>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/elegantbook>
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MIRROR: <https://mirror.ctan.org/support/latable>
- Denk, Georg. *The eslides package. An option for article style to make slides.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/eslides>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/eslides>
- Deorowicz, Sebastian and Adam Skorzynski. *The LEd package. An environment for L<sup>A</sup>T<sub>E</sub>X document development.* 2017-04-18. Version 0.46 beta. LICENSE: nosource  
URL: <https://ctan.org/pkg/led>  
MIRROR: <https://mirror.ctan.org/support/LEd>
- Deparis, Étienne. *The awesomebox package. Draw admonition blocks in your documents, illustrated with FontAwesome icons.* 2020-12-30. Version 0.6. LICENSE: other-free  
URL: <https://ctan.org/pkg/awesomebox>  
MIRROR: <https://mirror.ctan.org/graphics/awesomebox>
- Derler, David. *The modernposter package. A modern L<sup>A</sup>T<sub>E</sub>X poster theme.* 2018-04-03. Version 1.03.1. LICENSE: cc-by-sa-4. This class extends the class in that it adds support to easily create posters without the need for taking care of the layout at all. It allows to use to generate a fancy header containing the title information and also provides macros to position various different types of text boxes in a two-column layout. The color scheme is inspired by the theme.  
URL: <https://ctan.org/pkg/modernposter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modernposter>
- Derrazi, Youssef. *The mecaso package. Formulas frequently used in rigid body mechanics.* 2021-09-07. Version 1.0. LICENSE: gpl3+  
URL: <https://ctan.org/pkg/mecaso>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mecaso>
- Dershowitz, Nachum and Edward M. Reingold. *The rangecite package. Will turn a range of citations into something like [1..3].* 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/rangecite>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/rangecite.sty>
- Derzhanski, Ivan A. *The casyl package. Typeset Cree/Inuktitut in Canadian Aboriginal Syllabics.* 2017-10-29. Version 2.0. LICENSE: pd  
URL: <https://ctan.org/pkg/casyl>  
MIRROR: <https://mirror.ctan.org/language/casyl>
- *The eiad package. Traditional style Irish fonts.* 2017-10-29. LICENSE: pd  
URL: <https://ctan.org/pkg/eiad>  
MIRROR: <https://mirror.ctan.org/fonts/eiad>
- *The tengtex package. Typesetting in Tolkien's Tengwar script.* 2020-03-09. Version 1.00. LICENSE: other-free. Typesets Eldarin language texts in Fëanorian Tengwar, using either the or the fonts. Versions of the macros for both L<sup>A</sup>T<sub>E</sub>X (2.09) and Plain T<sub>E</sub>X are provided.  
URL: <https://ctan.org/pkg/tengtex>  
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 URL: <https://ctan.org/pkg/cmdtrack>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmdtrack>
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URL: <https://ctan.org/pkg/fepslatex>  
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URL: <https://ctan.org/pkg/regcount>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/regcount>
  - *The shorttoc package. Table of contents with different depths*. 2016-06-24. Version 1.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/shorttoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shorttoc>
  - *The tabbing package. Tabbing with accented letters*. 2021-06-28. LICENSE: lppl1. By default, some of the tabbing environment's commands clash with default accent commands; L<sup>A</sup>T<sub>E</sub>X provides the odd commands , etc., to deal with the clash. The package offers a variant of the tabbing environment which does not create this difficulty, so that users need not learn two sets of accent commands.  
URL: <https://ctan.org/pkg/tabbing>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/Tabbing>
  - *The translation-array-fr package. French translation of the documentation of array*. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
URL: <https://ctan.org/pkg/translation-array-fr>  
MIRROR: <https://mirror.ctan.org/info/translations/array/fr>
  - *The translation-booktabs-fr package. French translation of the documentation of booktabs*. 2016-06-24. LICENSE: lppl. A french translation of the documentation of .



- URL: <https://ctan.org/pkg/translation-booktabs-fr>  
MIRROR: <https://mirror.ctan.org/info/translations/booktabs/fr>
- Drucbert, Jean-Pierre. *The translation-dcolumn-fr package. French translation of the documentation of dcolumn.* 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
URL: <https://ctan.org/pkg/translation-dcolumn-fr>  
MIRROR: <https://mirror.ctan.org/info/translations/dcolumn/fr>
- *The translation-tabbing-fr package. French translation of the documentation of Tabbg.* 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>
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URL: <https://ctan.org/pkg/matrix-skeleton>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/matrix-skeleton>
- Duggan, Angus. *The dvibook package. Utilities for manipulating DVI files.* 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/dvibook>  
MIRROR: <https://mirror.ctan.org/dviware/dvibook>



- *The PBMtoPK package. Conversion between PBM and PK formats.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pbmtopk>  
 MIRROR: <https://mirror.ctan.org/graphics/pbmtopk>
- *The PicTeXsum package. A summary of PicTeX commands.* 2016-06-24. LICENSE: other-free. The document summarises the commands of PicTeX. While it is no substitute for the PicTeX manual itself (available from <https://www.ctan.org/tex-archive/graphics/picteTeX>), 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>
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 URL: <https://ctan.org/pkg/fontmfizz>  
 MIRROR: <https://mirror.ctan.org/fonts/fontmfizz>
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 URL: <https://ctan.org/pkg/docsurvey>  
 MIRROR: <https://mirror.ctan.org/info/docsurvey>
- *The dtxdescribe package. Describe additional object types in dtx source files.* 2023-01-03. Version 1.07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dtxdescribe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dtxdescribe>
- *The keyfloat package. Provides a key/value interface for generating floats.* 2023-01-03. Version 2.08. LICENSE: lppl1.3. The keyfloat package provides a key/value user interface for quickly creating figures with a single image each, figures with arbitrary contents, tables, subfloats, rows of floats, floats located [H]ere, floats in the [M]argin, and floats with text [W]rapped around them. Key/value combinations may specify a caption and label, a width proportional to \linewidth, a fixed width and/or height, rotation, scaling, a tight or loose frame, an \arraystretch, a continued float, additional supplemental text, and an artist/author’s name with automatic index entry. When used with the 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.* 2023-02-28. Version 0.911. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lwarp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lwarp>
- *The metalogox package. Adjust T<sub>E</sub>X logos, with font detection.* 2023-01-03. Version 1.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/metalogox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/metalogox>
- Dunn, Brian. *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>

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URL: <https://ctan.org/pkg/igo>  
MIRROR: <https://mirror.ctan.org/fonts/igo>
- Dupuis, Jean-François. *The bondgraph package. Create bond graph figures in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package draws bond graphs using .  
URL: <https://ctan.org/pkg/bondgraph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bondgraph>
- 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.  
URL: <https://ctan.org/pkg/gmdoc-enhance>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmdoc-enhance>
  - *The minipage-marginpar package. Minipages with marginal notes*. 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/minipage-marginpar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minipage-marginpar>
  - *The noitcrul package. Improved underlines in mathematics*. 2020-03-09. Version 0.2. LICENSE: lppl. The package provides a (maths mode) variant which doesn’t impose italics correction at the end.  
URL: <https://ctan.org/pkg/noitcrul>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noitcrul>

- Ebermann, Paul. *The pauldoc package. German L<sup>A</sup>T<sub>E</sub>X package documentation*. 2016-06-24. Version 0.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pauldoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pauldoc>
- *The randbild package. Marginal pictures*. 2018-09-15. Version 0.2. LICENSE: lppl. Provides environments to draw small marginal plots (using the packages `and`), and `(the same, only without the automatically drawn coordinate system)`.  
 URL: <https://ctan.org/pkg/randbild>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randbild>
  - *The robustcommand package. Declare robust command, with \newcommand checks*. 2016-06-24. Version 0.1. LICENSE: lppl. The package merely provides a variation of `\newcommand`, which checks for the existence of a command before declaring it robust.  
 URL: <https://ctan.org/pkg/robustcommand>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/robustcommand>
- Ebinger, Carl-Clemens. *The AlfaSlabOne package. The Alfa Slab One font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-01-18. Version 0.0.1. LICENSE: ofl  
 URL: <https://ctan.org/pkg/alfaslabone>  
 MIRROR: <https://mirror.ctan.org/fonts/alfaslabone>
- *The Archivo package. The Archivo font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-01-03. Version 0.0.2. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/archivo>  
 MIRROR: <https://mirror.ctan.org/fonts/archivo>
  - *The Arvo package. The Arvo font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2020-12-24. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/arvo>  
 MIRROR: <https://mirror.ctan.org/fonts/arvo>
  - *The CascadiaCode package. The Cascadia Code font with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-01-20. Version 0.0.1. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/cascadia-code>  
 MIRROR: <https://mirror.ctan.org/fonts/cascadia-code>
  - *The gudea package. The Gudea font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-01-13. Version 0.0.1. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/gudea>  
 MIRROR: <https://mirror.ctan.org/fonts/gudea>
  - *The hindmadurai package. The HindMadurai font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-01-13. Version 0.0.1. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/hindmadurai>  
 MIRROR: <https://mirror.ctan.org/fonts/hindmadurai>
  - *The inter package. The inter font face with support for L<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X, and LuaLaTeX*. 2021-04-17. LICENSE: ofl,lppl. This package provides L<sup>A</sup>T<sub>E</sub>X, pdfLaTeX, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>T<sub>E</sub>X support for the Inter Sans family of fonts (version 3.015), designed by Rasmus Andersson. Inter is a typeface specially designed for user interfaces with focus on high legibility of small-to-medium sized text on computer screens. The family features a tall x-height to aid in readability of mixed-case and lower-case text.  
 URL: <https://ctan.org/pkg/inter>  
 MIRROR: <https://mirror.ctan.org/fonts/inter>
  - *The magra package. The Magra font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-01-13. Version 0.0.1. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/magra>  
 MIRROR: <https://mirror.ctan.org/fonts/magra>
  - *The Nunito package. The Nunito font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-01-18. Version 0.0.1. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/nunito>  
 MIRROR: <https://mirror.ctan.org/fonts/nunito>
  - *The Oswald package. The Oswald family of fonts with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-10-17. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/oswald>  
 MIRROR: <https://mirror.ctan.org/fonts/oswald>
  - *The play-font package. The Play font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-03-05. Version 0.0.1. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/play-font>  
 MIRROR: <https://mirror.ctan.org/fonts/play-font>
- Eckermann, Matthias. *The parallel package. Typeset parallel texts*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/parallel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/parallel>
- Eckl, Martin. *The texspell package. A L<sup>A</sup>T<sub>E</sub>X spelling checker*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/texspell>  
 MIRROR: <https://mirror.ctan.org/support/texspell>

- Edelman, Pieter. *The biocon package. Typesetting biological species names*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/biocon>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biocon>
- Efford, Nick. *The artex package. Make filecontents environments of non-standard files or packages*. 2016-06-24. Version 1.00b. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/artex>  
 MIRROR: <https://mirror.ctan.org/support/artex>
- *The vector package. L<sup>A</sup>T<sub>E</sub>X macros for vectors*. 2016-06-24. Version 1.0. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/vector>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vector>
- Egan. *The opteng package. SPIE Optical Engineering and OE Letters manuscript template*. 2016-06-24. Version 1.0. LICENSE: lppl. With this template, and associated style and L<sup>A</sup>T<sub>E</sub>X packages, it is possible to estimate the page length of manuscripts for submission to the journals ‘Optical Engineering’ and ‘Optical Engineering Letters’. With a strict three-page limit, this is particularly important for the latter. The template gives simple instructions on how to prepare the manuscript.  
 URL: <https://ctan.org/pkg/opteng>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opteng>
- Egger, Willi. *The context-calendar-examples package. Collection of calendars based on the PocketDiary-module*. 2023-04-27. LICENSE: pd. The module contains examples for creating calendars based on the -module in various page sizes. In this collection there are the following examples:  
 URL: <https://ctan.org/pkg/context-calendar-examples>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-calendar-examples>
- *The context-collatingmarks package. Environment to place collating marks on the spine of a section*. 2023-04-27. LICENSE: pd  
 URL: <https://ctan.org/pkg/context-collatingmarks>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-collatingmarks>
  - *The context-interval-calendar package. Date driven lists or lists driven by date-intervals*. 2023-04-19. LICENSE: pd  
 URL: <https://ctan.org/pkg/context-interval-calendar>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-interval-calendar>
  - *The context-pocketdiary package. A personal organiser*. 2023-04-27. LICENSE: pd  
 URL: <https://ctan.org/pkg/context-pocketdiary>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-pocketdiary>
- Eglen, Stephen. *The development package. BibTeX style file for the journal Development*. 2016-06-24. LICENSE: gpl. Here is a BibTeX style file for biologists interested in submitting an article to the .  
 URL: <https://ctan.org/pkg/development>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/development.bst>
- Egler, Andreas and Daniel Taupin. *The musixtex-egler package. Multi-pass music typesetting*. 2016-06-24. Version 0.51. LICENSE: nosell. The original development of Taupin’s original , using an auxiliary program to produce slurs. Revised and developed versions have subsequently been released as ””; Andreas Egler has moved on to another (as yet un-released) package.  
 URL: <https://ctan.org/pkg/musixtex-egler>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/musixtex/egler>
- EHmsen, Martin R. *The python package. Embed Python code in L<sup>A</sup>T<sub>E</sub>X*. 2021-08-04. Version 0.22. LICENSE: gpl  
 URL: <https://ctan.org/pkg/python>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/python>
- Ehrenfeld, Wilfried. *The iwhdp package. Halle Institute for Economic Research (IWH) Discussion Papers*. 2016-06-24. Version 0.50. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/iwhdp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/iwhdp>
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 URL: <https://ctan.org/pkg/centerlastline>  
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URL: <https://ctan.org/pkg/luakeys>  
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 URL: <https://ctan.org/pkg/tex2bib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/tex2bib>
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 MIRROR: <https://mirror.ctan.org/support/texdepend>
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- *The democodetools package. Package for L<sup>A</sup>T<sub>E</sub>X code documentation.* 2022-09-08. Version 1.0.1beta. LICENSE: lppl1.3c,gpl  
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 URL: <https://ctan.org/pkg/tikz-optics>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calculator>
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 URL: <https://ctan.org/pkg/xpicture>  
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 URL: <https://ctan.org/pkg/coolthms>  
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 URL: <https://ctan.org/pkg/ocgx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ocgx>
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- Gill, Richard and J C Loredó-Osti. *The prodint package. A font that provides the product integral symbol*. 2016-06-24. LICENSE: ofl  
URL: <https://ctan.org/pkg/prodint>  
MIRROR: <https://mirror.ctan.org/fonts/prodint>
- Ginsparg, Paul. *The harvmac package. Macros for scientific articles*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/harvmac>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/harvmac>
- Giraud, Pierre-Amiel. *The skills package. Create proficiency tests*. 2020-10-28. Version 1.0.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/skills>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skills>
- 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.



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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-labo>
- Girou, Denis and Peter Kleiweg. *The pst-light3d package. Three dimensional lighting effects (PSTricks)*. 2018-09-15. Version 0.12. LICENSE: lppl. A package for three dimensional lighting effects on characters and PSTricks graphics, like lines, curves, plots, ...  
 URL: <https://ctan.org/pkg/pst-light3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-light3d>
- Girou, Denis and Herbert Voß. *The pst-fill package. Fill or tile areas with PSTricks*. 2021-10-01. Version 1.02. LICENSE: lppl. Pst-fill is a -based package for filling and tiling areas or characters.  
 URL: <https://ctan.org/pkg/pst-fill>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fill>
- *The pst-gantt package. Draw GANTT charts with PSTricks*. 2018-09-15. Version 0.22a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-gantt>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gantt>
  - *The pst-gr3d package. Three dimensional grids with PSTricks*. 2016-06-24. Version 1.34. LICENSE: lppl. This package provides a command that will draw a three dimensional grid, offering a number of options for its appearance.  
 URL: <https://ctan.org/pkg/pst-gr3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gr3d>
  - *The pst-ob3d package. Three dimensional objects using PSTricks*. 2020-03-24. Version 0.22. LICENSE: lppl. The package uses to provide basic three-dimensional objects. As yet, only cubes (which can be deformed to rectangular parallelepipeds) and dies (which are only a special kind of cubes) are defined.  
 URL: <https://ctan.org/pkg/pst-ob3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ob3d>
  - *The pst-poly package. Polygons with PSTricks*. 2018-09-15. Version 1.63. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-poly>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poly>
- Gjelstad, Ellef. *The UML package. UML diagrams in L<sup>A</sup>T<sub>E</sub>X*. 2018-09-15. Version 0.11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/uml>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/uml>
- Glazkov, Dmitry A. *The shadbox package. Shade the background of any box*. 2019-06-21. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/shadbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadbox>
- *The tracking package. Adjust tracking of strings*. 2019-06-21. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/tracking>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tracking/tracking.sty>
- Gleason, Jonathan. *The eqnnumwarn package. Modifies the amsmath equation environments to warn for a displaced equation number*. 2018-01-07. Version 1.0. LICENSE: lppl1.3. Sometimes an equation is too long that an equation number will be typeset below the equation itself, but yet not long enough to yield an “overfull hbox” warning. The package modifies the standard amsmath numbered equation environments to throw a warning whenever this occurs.  
 URL: <https://ctan.org/pkg/eqnnumwarn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnnumwarn>
- Glenn, Paulley. *The chicago package. A “Chicago” bibliography style*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/chicago>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chicago>
- *The chicagoga 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/chicagoga>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/chicagoga.bst>
- Gliboff, Sander. *The biblatex-historian package. A BibL<sup>A</sup>T<sub>E</sub>X style*. 2016-06-24. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/biblatex-historian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-historian>
- Glonti, Nana. *The glonti package. Virtual fonts for T2A-encoded fonts*. 2016-06-24. Version 1.0. LICENSE: noinfo. The package ‘makes’ a T2A-encoded font family from the and the fonts, by means of a set of virtual fonts.  
 URL: <https://ctan.org/pkg/glonti>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/glonti>
- Glonti, Nana, Alexander Samarin, and Basil Malyshev. *The cmcyr package. Computer Modern fonts with cyrillic extensions*. 2016-06-24. LICENSE: pd



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 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr>
- Glunz, Dr. Wolfgang. *The pstoeedit package. Translate PostScript and PDF to other formats.* 2017-04-18. Version 3.50. LICENSE: gpl  
 URL: <https://ctan.org/pkg/pstoeedit>  
 MIRROR: <https://mirror.ctan.org/support/pstoeedit>
- Goatley, Hunter. *The italic package. Automatic italic correction for italic and slanted text.* 2016-06-24. LICENSE: noinfo. The package defines commands and , somewhat simpler than those in , which package has wider coverage.  
 URL: <https://ctan.org/pkg/italic>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/italic.sty>
- *The newslatr package. Macros for making newsletters with Plain T<sub>E</sub>X.* 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/newslatr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/newslatr>
- *The quote package. Match pairs of double-quote characters.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/quote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/quote.sty>
- Göbel, Jürgen. *The savesym package. Redefine symbols where names conflict.* 2016-06-24. Version 1.2. LICENSE: lppl. There are a number of symbols (e.g., ) that are defined by several packages. In order to typeset all the variants in a document, we have to give the glyph a unique name. To do that, we define , which renames a symbol from to , and , which renames back to and defines a new command, , which corresponds to the most recently loaded version of .  
 URL: <https://ctan.org/pkg/savesym>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savesym/savesym.sty>
- Gobry, Frédéric. *The pybliographer package. A tool for managing bibliographic databases.* 2017-04-18. Version 0.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/pybliographer>
- Godby, Kevin. *The tufte-latex package. Document classes inspired by the work of Edward Tufte.* 2018-04-05. Version 3.5.2. LICENSE: apache2  
 URL: <https://ctan.org/pkg/tufte-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tufte-latex>
- Goel, Anil. *The figsinltx package. A tutorial on figures in L<sup>A</sup>T<sub>E</sub>X 2.09.* 2018-01-06. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/figsinltx>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/figsinltx.ps>
- *The ltablex package. Table package extensions.* 2017-09-28. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltablex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltablex>
- Goel, Deepak. *The autoview package. Maintain a Ghostscript view of emacs buffer.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/autoview>  
 MIRROR: <https://mirror.ctan.org/support/autoview>
- Goertz, Ralf. *The qbibman package. Graphical frontend to BibTool.* 2016-06-18. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/qbibman>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utls/qbibman>
- Goldasz, Janusz, Ryszard Kubiak, Tomasz Przechlewski, and Marcin Serwin. *The lshort-polish package. Introduction to L<sup>A</sup>T<sub>E</sub>X in Polish.* 2022-05-13. Version 6.4PL1. LICENSE: gpl2+. This is the Polish translation of .  
 URL: <https://ctan.org/pkg/lshort-polish>  
 MIRROR: <https://mirror.ctan.org/info/lshort/polish>
- Goldberg, Jacques. *The redis package. A Hebrew font.* 2016-06-24. LICENSE: noinfo. The font is in Metafont format; a version of it seems to appear in the distribution.  
 URL: <https://ctan.org/pkg/redis>  
 MIRROR: <https://mirror.ctan.org/fonts/redis>
- Goldberg, Jeffrey and Axel Sommerfeldt. *The endfloat package. Move floats to the end, leaving markers where they belong.* 2020-11-25. Version 2.7. LICENSE: gpl. Place all floats on pages by themselves at the end of the document, optionally leaving markers like “[Figure 3 about here]” in the text near to where the figure (or table) would normally have occurred. Float types and are recognised by the package, unmodified. Since several packages define other types of float, it is possible to register these float types with endfloat.  
 URL: <https://ctan.org/pkg/endfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endfloat>

- Goldgaber, Sergey. *The thumby package. Create thumb indexes for printed books*. 2016-06-24. Version 0.1. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/thumby>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thumby>
- Goldschmitt, Ulrich. *The ulsy package. Extra mathematical characters*. 2016-06-24. Version 1.0. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ulsy>  
 MIRROR: <https://mirror.ctan.org/fonts/ulsy>
- Goldschmitt, Ulrich and Yvon Henel. *The ulsy-ps package. Extra mathematical characters in Adobe Type 1 format*. 2016-06-24. LICENSE: noinfo. These are autotraced versions of the fonts.  
 URL: <https://ctan.org/pkg/ulsy-ps>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/ulsy>
- Gollwitzer, Christian. *The aurical package. Calligraphic fonts for use with L<sup>A</sup>T<sub>E</sub>X in T1 encoding*. 2016-06-24. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aurical>  
 MIRROR: <https://mirror.ctan.org/fonts/aurical>
- *The shapepatch package. Transfig patch supporting shapepar*. 2016-06-24. Version 1.1. LICENSE: bsd. ShapePatch is a patch against , which adds the capability to export figures to shape definitions for . Shapepar itself will form a paragraph into a specified shape, and the size of the shape is automatically adjusted so that the given paragraph completely fills the shape. ShapePatch effort: one simply draws the required shape with XFig and then convert it to a shape definition for shapepar, either by calling fig2dev manually or by choosing “Export/Shape” in XFig (if you install the additional XFig patch).  
 URL: <https://ctan.org/pkg/shapepatch>  
 MIRROR: <https://mirror.ctan.org/graphics/transfig-shapepatch/shape-patch.3.2.4-shape-1.1.tar.gz>
- Gomes, Hugo. *The pgf-PeriodicTable package. Create custom periodic tables of elements*. 2023-05-31. Version 2.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgf-periodictable>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-periodictable>
- *The pgf-spectra package. Draw continuous or discrete spectra using PGF/TikZ*. 2023-04-27. Version 3.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgf-spectra>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-spectra>
- Gonçalves, Luís Nobre. *The featpost package. MetaPost macros for 3D*. 2018-01-06. Version 0.8.8. LICENSE: gpl  
 URL: <https://ctan.org/pkg/featpost>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/featpost>
- González, Luis, Javier Toro, and Pedro Linares. *The interactiveanimation package. Create PDF files with branching animations*. 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/interactiveanimation>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interactiveanimation>
- Gonzato, Guido. *The latex4jed package. A much enhanced L<sup>A</sup>T<sub>E</sub>X mode for the jed editor*. 2016-06-24. LICENSE: gpl. This S-Lang file for the editor provides a much enhanced L<sup>A</sup>T<sub>E</sub>X mode in the fashion of AUC T<sub>E</sub>X: menus, shortcuts, templates, syntax highlighting, document outline, integrated debugging, symbol completion, full integration with external programs, and more. It was designed with both the beginner and the advanced L<sup>A</sup>T<sub>E</sub>X user in mind.  
 URL: <https://ctan.org/pkg/latex4jed>  
 MIRROR: <https://mirror.ctan.org/support/jed/latex4jed>
- Gonzato, Guido. *The LaTeX4Musicians package. A guide for combining L<sup>A</sup>T<sub>E</sub>X and music*. 2019-01-19. Version 1.0.1. LICENSE: fdl  
 URL: <https://ctan.org/pkg/latex4musicians>  
 MIRROR: <https://mirror.ctan.org/info/latex4musicians>
- *The latex4wp package. A L<sup>A</sup>T<sub>E</sub>X guide specifically designed for word processor users*. 2016-06-24. Version 1.0.10. LICENSE: fdl  
 URL: <https://ctan.org/pkg/latex4wp>  
 MIRROR: <https://mirror.ctan.org/info/latex4wp>
  - *The latex4wp-it package. L<sup>A</sup>T<sub>E</sub>X guide for word processor users, in Italian*. 2016-06-24. Version 1.0.10. LICENSE: fdl. The package provides a version of the in Italian  
 URL: <https://ctan.org/pkg/latex4wp-it>  
 MIRROR: <https://mirror.ctan.org/info/latex4wp-it>
- Goodman, Donald P. *The basicarith package. Macros for typesetting basic arithmetic*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/basicarith>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/basicarith>
- *The catechis package. Macros for typesetting catechisms*. 2021-07-20. Version 2.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/catechis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catechis>

- *The clrdblpg package*. Control pagestyle of pages left blank by `\cleardoublepage`. 2018-05-07. Version 1.0. LICENSE: lppl1.3. This tiny package allows easy manipulation of the headers and footers on pages left blank by . By default, L<sup>A</sup>T<sub>E</sub>X has no easy facilities for this. This package uses more or less the algorithm listed in the package documentation, with some better indentation and added flexibility.  
URL: <https://ctan.org/pkg/clrdblpg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clrdblpg>
- *The colophon package*. Provides commands for producing a colophon. 2018-06-03. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/colophon>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colophon>
- *The dozenal package*. Typeset documents using base twelve numbering (also called “dozenal”). 2018-05-11. Version 7.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/dozenal>  
MIRROR: <https://mirror.ctan.org/fonts/dozenal>
- *The drm package*. A complete family of fonts written in Metafont. 2016-06-24. Version 4.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/drm>  
MIRROR: <https://mirror.ctan.org/fonts/drm>
- *The liturg package*. Support for typesetting Catholic liturgical texts. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/liturg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/liturg>
- *The lroundrect package*. L<sup>A</sup>T<sub>E</sub>X macros for utilizing the roundrect MetaPost routines. 2016-06-24. Version 1.0. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X package provides ways to use the extremely configurable rounded rectangles of the MetaPost package with L<sup>A</sup>T<sub>E</sub>X. It is chiefly useful for examples, but also has macros for particular types of boxes which are useful on their own.  
URL: <https://ctan.org/pkg/lroundrect>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lroundrect>
- *The modulus package*. A non-destructive modulus and integer quotient operator for T<sub>E</sub>X. 2018-05-05. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/modulus>  
MIRROR: <https://mirror.ctan.org/macros/generic/modulus>
- *The padcount package*. Pad numbers with arbitrary characters. 2018-05-07. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/padcount>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/padcount>
- *The poetry package*. Facilities for typesetting poetry and poetical structure. 2019-12-14. Version 2.2. LICENSE: lppl1.3c. This package provides some macros and general doodads for typesetting poetry. There is, of course, already the excellent package, and the package provides some extra functionality on top of it. But provides much of the same functionality in a bit of a different way, and with a few additional abilities, such as facilities for a list of poems, an index of first lines, and some structural commands.  
URL: <https://ctan.org/pkg/poetry>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/poetry>
- *The roundrect package*. MetaPost macros for highly configurable rounded rectangles (optionally with text). 2016-06-24. Version 2.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/roundrect>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/roundrect>
- Goodman, Donald P. *The shapes package*. Draw polygons, reentrant stars, and fractions in circles with MetaPost. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/shapes>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/shapes>
- *The texdate package*. Date printing, formatting, and manipulation in T<sub>E</sub>X. 2018-12-09. Version 2.0. LICENSE: lppl1.3c. T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X provide few facilities for dates by default, though many packages have filled this gap. This package fills it, as well, with a pure T<sub>E</sub>X-primitive implementation. It can print dates, advance them by numbers of days, weeks, or months, determine the weekday automatically (with an algorithm cribbed from the file written by Martin Minow), and print them in (mostly) arbitrary format. It can also print calendars (monthly and yearly) automatically, and can be easily localized for non-English languages.  
URL: <https://ctan.org/pkg/texdate>  
MIRROR: <https://mirror.ctan.org/macros/generic/texdate>
- *The xellipsis package*. Extremely configurable ellipses with formats for various style manuals. 2018-04-16. Version 2.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xellipsis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xellipsis>

- *The yaletter package. Extremely flexible macros for letters, envelopes, and label sheets.* 2017-01-03. Version 1.1. LICENSE: lppl1.3. The class provides extremely configurable macros for typesetting letters in any conceivable style. It provides facilities for maintaining easily-accessible databases of letterheads and addresses for repeat use. It further provides easy macros for envelopes and for label sheets. Finally, it provides some nice defaults for a few of the more common styles and sizes.  
URL: <https://ctan.org/pkg/yaletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yaletter>
- Goossens, Michel. *The cyrtug package. EmTeX as distributed by CyrTUG.* 2016-06-24. LICENSE: noinfo. The CyrTUG distribution of files for use with . (CyrTUG is the Cyrillic-alphabet  $\TeX$  users' group; apart from the fonts, there are several other files to support Cyrillic users.)  
URL: <https://ctan.org/pkg/cyrtug>  
MIRROR: <https://mirror.ctan.org/systems/msdos/emtex-contrib/cyrtug>
- Goossens, Michel and Sebastian Rahtz. *The mm package. A jiffy Multiple Master tool.* 2016-06-24. LICENSE: noinfo. A set of simple scripts and programs for deriving instances from Adobe Multiple Master fonts for use with . The scripts use to derive metrics, etc.  
URL: <https://ctan.org/pkg/mm>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/mm>
- *The webcomp-errata package. Errata list for The L<sup>A</sup> $\TeX$  Web Companion.* 2016-10-18. LICENSE: lppl  
URL: <https://ctan.org/pkg/webcomp-errata>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>
- Goot, Marcel van der. *The boxit-ltx package. An environment for boxing things.* 2016-06-24. LICENSE: noinfo. The package defines a boxit environment that draws lines around its contents. The environment can box things like verbatim text, unlike the that originally appeared in the  $\TeX$ book.  
URL: <https://ctan.org/pkg/boxit-ltx>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/boxit.sty>
- *The midnight package. A set of useful macro tools.* 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/midnight>  
MIRROR: <https://mirror.ctan.org/macros/generic/midnight>
- Görlach, Tobias. *The hobete package. Unofficial beamer theme for the University of Hohenheim.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/hobete>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/hobete>
- Gosmann, Jan. *The tikz-nef package. Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF).* 2020-07-08. Version 0.1. LICENSE: mit  
URL: <https://ctan.org/pkg/tikz-nef>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-nef>
- Gossen, Gerhard and Boris Veytsman. *The bibtexperl1ibs package. BibTeX Perl Libraries.* 2020-12-14. Version 1.6. LICENSE: gpl1,artistic,pd  
URL: <https://ctan.org/pkg/bibtexperl1ibs>  
MIRROR: <https://mirror.ctan.org/support/bibtexperl1ibs>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/setspace>
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- Harry A. Watson, Jr. *The maad package. Mathematical Approximations and Documentation.* 2016-06-24. LICENSE: pd. A document describing the parameterisation of least-squares curve fitting, and showing how (using ) to display error bars.  
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 MIRROR: <https://mirror.ctan.org/info/maad>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flashmovie>
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 URL: <https://ctan.org/pkg/abstbook>  
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 URL: <https://ctan.org/pkg/concrete-macros>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/concrete.sty>
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 URL: <https://ctan.org/pkg/escapetext>  
 MIRROR: <https://mirror.ctan.org/support/escapeTeXt>
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 URL: <https://ctan.org/pkg/first-packages>
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 URL: <https://ctan.org/pkg/aramaic-serto>  
 MIRROR: <https://mirror.ctan.org/language/aramaic/serto>
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 URL: <https://ctan.org/pkg/tex-ewd>  
 MIRROR: <https://mirror.ctan.org/macros/generic/tex-ewd>
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 URL: <https://ctan.org/pkg/tex-fpc>  
 MIRROR: <https://mirror.ctan.org/systems/unix/tex-fpc>
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 URL: <https://ctan.org/pkg/tcldoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tcldoc>
  - *The xdoc package. Extending the L<sup>A</sup>T<sub>E</sub>X doc system*. 2016-06-24. Version prot2.5. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/concepts>
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 URL: <https://ctan.org/pkg/lt3graph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lt3graph>
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- *The withargs package. In-place argument substitution*. 2021-03-01. Version 0.3.1. LICENSE: lppl1.3. The command provides a clean way to populate a template (containing , , etc.) using L<sup>A</sup>T<sub>E</sub>X argument substitution. It also allows you to carefully control argument expansion using a L<sup>A</sup>T<sub>E</sub>X3-style argument specification. Uses range from creating readable string templates (akin to C's function) to performing otherwise complex token-list manipulation.

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URL: <https://ctan.org/pkg/cmoutlines>  
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MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/tools/mpstoeps>
- *The pointruler package. 12" Ruler containing Points and Inches.* 2016-06-24. LICENSE: lppl  
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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: lppl1.3  
URL: <https://ctan.org/pkg/qrcode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcode>
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URL: <https://ctan.org/pkg/annee-scolaire>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/annee-scolaire>
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URL: <https://ctan.org/pkg/clefval>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clefval>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/engrec>
- *The expose-expl3-dunkerque-2019 package. Using expl3 to implement some numerical algorithms.* 2020-04-11. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/expose-expl3-dunkerque-2019>  
MIRROR: <https://mirror.ctan.org/info/expose-expl3-dunkerque-2019>

- *The modroman package. Write numbers in lower case roman numerals.* 2016-06-24. Version 1. LICENSE: lppl. This package provides only two macros viz. which writes the number given as argument in lower case roman numeral with a ‘j’ instead of a ‘i’ as the final letter of numbers greater than 1 and which writes the value of a counter in the same way. You use the first in the same way as the  $\TeX$  primitive and the second as  $\LaTeX$  command . The default option is ‘vpourv’ with which 5 is ‘translated’ as ‘v’ and option ‘upourv’ with which the same 5 is given as ‘u’.  
URL: <https://ctan.org/pkg/modroman>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modroman>
- *The nonumonpart package. Prevent page numbers on part pages.* 2016-06-24. Version 1. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/nonumonpart>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nonumonpart>
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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  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tdsfrmath>
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URL: <https://ctan.org/pkg/tpic2pdfTeX>  
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MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bpolynomial>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mcaption>
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URL: <https://ctan.org/pkg/mpcolornames>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mpcolornames>



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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semionese>
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MIRROR: <https://mirror.ctan.org/info/spanish/antique-spanish-units>
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URL: <https://ctan.org/pkg/do-it-yourself-tex>  
MIRROR: <https://mirror.ctan.org/macros/xetex/plain/do-it-yourself-tex>
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URL: <https://ctan.org/pkg/ellipsis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ellipsis>
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 MIRROR: <https://mirror.ctan.org/fonts/morse>
- Hicks, Stephen. *The inlinedef package. Inline expansions within definitions*. 2016-06-24. Version 1.0. LICENSE: lppl. The package provides a macro that precedes a or . Within the definition text of an inlined definition, keywords such as may be used to selectively inline certain expansions at definition-time. This eases the process of redefining macros in terms of the original definition, as well as definitions in which the token that must be expanded is deep within, where would be difficult and is not suitable. Another application is as an easier version of , by defining a macro in terms of expanded local variables, then ending the group with .
- URL: <https://ctan.org/pkg/inlinedef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inlinedef>
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- URL: <https://ctan.org/pkg/chem-journal>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chem-journal>

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 URL: <https://ctan.org/pkg/jcc>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chem-journal/jcc.bst>
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 URL: <https://ctan.org/pkg/alphabib>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathexam>
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  - *The Makor 2 package. Typeset pointed Hebrew using Omega*. 2021-08-26. LICENSE: lppl  
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  - *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.  
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/mathinst>
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 MIRROR: <https://mirror.ctan.org/fonts/chess/skak>



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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aur1>
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 URL: <https://ctan.org/pkg/xtexshell>  
 MIRROR: <https://mirror.ctan.org/support/xtexshell>
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 URL: <https://ctan.org/pkg/annotation-pkg>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/annotation.sty>
- Hofstra, Silke. *The comicneue package. Use Comic Neue with T<sub>E</sub>X(-alike) systems.* 2020-04-26. Version 1.2. LICENSE: ofl  
 URL: <https://ctan.org/pkg/comicneue>  
 MIRROR: <https://mirror.ctan.org/fonts/comicneue>
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 URL: <https://ctan.org/pkg/raleway>  
 MIRROR: <https://mirror.ctan.org/fonts/raleway>
- *The sourcecodepro package. Use SourceCodePro with T<sub>E</sub>X(-alike) systems.* 2019-05-19. Version 2.7. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/sourcecodepro>  
 MIRROR: <https://mirror.ctan.org/fonts/sourcecodepro>
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 URL: <https://ctan.org/pkg/sourcesanspro>  
 MIRROR: <https://mirror.ctan.org/fonts/sourcesanspro>
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 URL: <https://ctan.org/pkg/sourceserifpro>  
 MIRROR: <https://mirror.ctan.org/fonts/sourceserifpro>
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 URL: <https://ctan.org/pkg/biblatex-iso690>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-iso690>
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 URL: <https://ctan.org/pkg/ctanbib>  
 MIRROR: <https://mirror.ctan.org/support/ctanbib>
- *The linebreaker package. Prevent overflow boxes with LuaLaTeX.* 2023-03-21. Version 0.1c. LICENSE: lppl1.3. This package tries to prevent overflow lines in paragraphs or boxes. It changes LuaTeX's callback and re-typesets the paragraph with increased values of and until the overflow no longer happens. If that doesn't help, it chooses the solution with the lowest badness.  
 URL: <https://ctan.org/pkg/linebreaker>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/linebreaker>
- *The Lua-UCA package. Unicode Collation Algorithm library for Lua.* 2021-11-10. Version 0.1b. LICENSE: mit  
 URL: <https://ctan.org/pkg/lua-uca>  
 MIRROR: <https://mirror.ctan.org/support/lualibs/lua-uca>
- *The luavlna package. Prevent line breaks after single letter words, units, or academic titles.* 2023-03-29. Version 0.1k. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luavlna>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luavlna>
- Hoftich, Michal. *The luaxml package. Lua library for reading and serialising XML files.* 2021-10-07. Version 0.1q. LICENSE: other-free. LuaXML is a pure Lua library for reading and serializing XML files. The current release is aimed mainly at support for the package. The documentation was created by automatic conversion of original documentation in the source code.  
 URL: <https://ctan.org/pkg/luaxml>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luaxml>
- *The make4ht package. A build system for tex4ht.* 2023-02-24. Version 0.3m. LICENSE: lppl1.3. is a simple build system for , a T<sub>E</sub>X to XML converter. It provides a command line tool that drives the conversion process. It also provides a library which can be used to create customized conversion tools.



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MIRROR: <https://mirror.ctan.org/support/make4ht>
- *The odsfile package. Read OpenDocument Spreadsheet documents as L<sup>A</sup>T<sub>E</sub>X tables.* 2022-12-13. Version 0.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/odsfile>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/odsfile>
  - *The sectionbreak package. L<sup>A</sup>T<sub>E</sub>X support for section breaks.* 2019-03-11. Version 0.1d. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/sectionbreak>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sectionbreak>
  - *The tex4ebook package. Converter from L<sup>A</sup>T<sub>E</sub>X to ebook formats.* 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>
  - *The uninormalize package. Unicode normalization support.* 2021-01-03. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/uninormalize>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/uninormalize>
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URL: <https://ctan.org/pkg/pos-at>  
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URL: <https://ctan.org/pkg/astron>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/astron>
- Høgholm, Morten. *The dblfloatfix package. Fixes for twocolumn floats.* 2016-06-24. Version 1.0a. LICENSE: lppl1.3. The package solves two problems: floats in a twocolumn document come out in the right order and allowed float positions are now . The package actually merges facilities from and .  
URL: <https://ctan.org/pkg/dblfloatfix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dblfloatfix>
- Høgholm, Morten, Lars Madsen, Will Robertson, and Joseph Wright. *The mh package. Stub for the (old) ‘mh’ bundle.* 2016-06-24. LICENSE: lppl1.3. The mh bundle was a series of packages to enhance the appearance of documents containing a lot of maths; the package were designed to support and extend the L<sup>A</sup>T<sub>E</sub>X The packages (no longer distributed as a bundle) comprise:  
URL: <https://ctan.org/pkg/mh>
- *The xfrac package. Split-level fractions in L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>\*.* 2023-02-02. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xfrac>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
- Høgholm, Morten, Lars Madsen, Will Robertson, Joseph Wright, and Michael J. Downes. *The flexisym package. Symbol manipulation for breqn.* 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/flexisym>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
- Høgholm, Morten, Lars Madsen, The L<sup>A</sup>T<sub>E</sub>X Project Team, Will Robertson, and Joseph Wright. *The empheq package. EMPHasizing EQuations.* 2020-03-24. Version 2.16. LICENSE: lppl1.3. This package is part of the bundle. it provides a visual markup extension to . The user-friendly interface allows the user to put a set of equations inside a box thus enhancing the feature of amsmath. As a side effect it is also possible to add material on both sides of the equations thus providing (and surpassing) the functionality of the package. Users of will probably want to have a look at it as well, since the problem with end-of-theorem marks in and other environments can be circumvented using .  
URL: <https://ctan.org/pkg/empheq>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathtools>
- Høgholm, Morten, Lars Madsen, The L<sup>A</sup>T<sub>E</sub>X Project Team, Will Robertson, and Joseph Wright. *The mathtools package. Mathematical tools to use with amsmath.* 2022-06-30. Version 1.29. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/mathtools>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathtools>
- Hohti, Aarno and Okko Kanerva. *The apl package. Fonts for typesetting APL programs.* 2021-08-26. LICENSE: noinfo  
URL: <https://ctan.org/pkg/apl>  
MIRROR: <https://mirror.ctan.org/fonts/apl>
- Holbrook, Joshua. *The uathesis package. Document class for theses at University of Alaska Fairbanks.* 2020-12-30. Version 12.12. LICENSE: lppl

- URL: <https://ctan.org/pkg/uafthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uafthesis>
- Holfert, Jan. *The trsym package. Symbols for transformations*. 2016-06-24. Version 1.0. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/trsym>  
MIRROR: <https://mirror.ctan.org/fonts/trsym>
- Holkar, Rohit Dilip. *The latex-mr package. A practical guide to L<sup>A</sup>T<sub>E</sub>X and Polyglossia for Marathi and other Indian languages*. 2020-06-07. Version 1.0. LICENSE: 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>
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URL: <https://ctan.org/pkg/anti>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/anti.tex>
- Holt, Alexander and Jean-François Lamy. *The a4wide package. "Wide" a4 layout*. 2016-06-24. LICENSE: lppl1  
URL: <https://ctan.org/pkg/a4wide>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/a4wide>
- Holzmann, Frédéric. *The symbolindex package. Generate a list of symbols with different subgroups*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/symbolindex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/symbolindex>
- Höns, Robin. *The nlatexdb package. Database reports using L<sup>A</sup>T<sub>E</sub>X and .Net (or Mono)*. 2016-06-24. Version 0.03. LICENSE: gpl  
URL: <https://ctan.org/pkg/nlatexdb>  
MIRROR: <https://mirror.ctan.org/support/nlatexdb>
- *The ratexdb package. Database reports using L<sup>A</sup>T<sub>E</sub>X and Ruby*. 2016-06-24. Version 0.13. LICENSE: gpl  
URL: <https://ctan.org/pkg/ratexdb>  
MIRROR: <https://mirror.ctan.org/support/ratexdb>
- Horn, Berthold K. P. *The msym package. A partial implementation of the old msym10 font*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/msym>  
MIRROR: <https://mirror.ctan.org/fonts/msym>
- Horn, Berthold K. P. and David Carlisle. *The psnfssx-em package. Support for the em family of fonts*. 2016-06-24. LICENSE: noinfo. The fonts were a commercial product of Y&Y, Inc, providing a set in Adobe Type 1 format that extended the Computer Modern set with accented glyphs suitable for arranging in L<sup>A</sup>T<sub>E</sub>X T1 encoding. This bundle provides a standard set of interfaces for using the fonts.  
URL: <https://ctan.org/pkg/psnfssx-em>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/em>
- Horn, Berthold K. P. and Khaled Hosny. *The bbold-type1 package. An Adobe Type 1 format version of the bbold font*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/bbold-type1>  
MIRROR: <https://mirror.ctan.org/fonts/bbold-type1>
- Horne, Roger. *The 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>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lewis>
- Hosek, Don. *The apeqnum package. Number equations by appendix*. 2016-06-24. LICENSE: noinfo. A package (originally written for L<sup>A</sup>T<sub>E</sub>X 2.09, but will work in L<sup>A</sup>T<sub>E</sub>X 2e) to cause equation numbers in class (style), as A1, A2, A3, ..., B1, etc.  
URL: <https://ctan.org/pkg/apeqnum>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/apeqnum.sty>
- *The cmpica package. A Computer Modern Pica variant*. 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/cmpica>  
MIRROR: <https://mirror.ctan.org/fonts/cmpica>

- *The epigram package. Display short quotations.* 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/epigram>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/epigram.tex>
- *The landscape package. Set up for typesetting in landscape.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/landscape>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/landscape.sty>
- *The mflologo209 package. Typeset the Metafont logo under L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. LICENSE: noinfo. This package uses the L<sup>A</sup>T<sub>E</sub>X 2.09 font selection system; current L<sup>A</sup>T<sub>E</sub>X users need the package.  
URL: <https://ctan.org/pkg/mflogo209>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/mf.sty>
- *The resumemac package. Plain T<sub>E</sub>X macros for 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.)  
URL: <https://ctan.org/pkg/breakcites>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breakcites>
- Hosek, Don and Hans-Martin Münch. *The morefloats package. Increase the number of simultaneous L<sup>A</sup>T<sub>E</sub>X floats.* 2016-06-24. Version 1.0h. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/morefloats>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/morefloats>
- Hosny, Khaled. *The amiri package. A classical Arabic typeface, Naskh style.* 2022-12-04. Version 1.000. LICENSE: ofl  
URL: <https://ctan.org/pkg/amiri>  
MIRROR: <https://mirror.ctan.org/fonts/amiri>
- *The xits package. A Scientific Times-like font with support for mathematical typesetting.* 2020-07-02. Version 1.302. LICENSE: ofl  
URL: <https://ctan.org/pkg/xits>  
MIRROR: <https://mirror.ctan.org/fonts/xits>
- Hosny, Khaled and Donald E. Knuth. *The punknova package. OpenType version of Knuth's Punk font.* 2016-06-24. Version 1.003. LICENSE: other-free  
URL: <https://ctan.org/pkg/punknova>  
MIRROR: <https://mirror.ctan.org/fonts/punknova>
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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+  
URL: <https://ctan.org/pkg/extractpdfmark>  
MIRROR: <https://mirror.ctan.org/support/extractpdfmark>
- Hosoda, Masamichi. *The haranoaji package. Harano Aji Fonts.* 2023-06-11. Version 20230610. LICENSE: ofl  
URL: <https://ctan.org/pkg/haranoaji>  
MIRROR: <https://mirror.ctan.org/fonts/haranoaji>
- *The haranoaji-extra package. Harano Aji Fonts.* 2023-06-11. Version 20230610. LICENSE: ofl  
URL: <https://ctan.org/pkg/haranoaji-extra>  
MIRROR: <https://mirror.ctan.org/fonts/haranoaji-extra>

- Hossain, M. Zahid. *The noconflict package. Resolve macro name conflict between packages*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/noconflict>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noconflict>
- Hossain, Nahid. *The bangla package. A comprehensive Bangla L<sup>A</sup>T<sub>E</sub>X package*. 2023-02-11. Version 2.1. LICENSE: lppl1.3c,ofl  
 URL: <https://ctan.org/pkg/bangla>  
 MIRROR: <https://mirror.ctan.org/language/bengali/bangla>
- Höst, Stefan. *The polynomial package. Typeset (univariate) polynomials*. 2016-06-24. Version 1.0. LICENSE: lppl. The package offers an easy way to write (univariate) polynomials and rational functions. It defines two commands, one for polynomials and one for rational functions. Both commands take lists of coefficients as arguments, and offer limited optional behaviour.  
 URL: <https://ctan.org/pkg/polynomial>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/polynomial>
- Hotta, Kohsaku. *The mathabx-type1 package. Outline version of the mathabx fonts*. 2016-06-24. LICENSE: lppl. This is an Adobe Type 1 outline version of the fonts.  
 URL: <https://ctan.org/pkg/mathabx-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/mathabx>
- Housley, Brian. *The hletter package. Flexible letter typesetting with flexible page headings*. 2016-06-24. Version 4.2. LICENSE: lppl1.2. The package permits the user to specify easily, with the aid of self defined key-words, letters (with a logo and private) and headings. The heading may include a footer and the letter provides commands to include a scanned signature and two signees. The package works with the package.  
 URL: <https://ctan.org/pkg/hletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hletter>
- Howard, Gary A. *The tlc-article package. A L<sup>A</sup>T<sub>E</sub>X document class for formal documents*. 2019-06-23. Version 1.0.17. LICENSE: bsd3  
 URL: <https://ctan.org/pkg/tlc-article>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tlc-article>
- Howell, Dave. *The musical package. Typeset (musical) theatre scripts*. 2020-04-16. Version 3.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/musical>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/musical>
- Hu, Xuan. *The resumecls package. Typeset a resume both in English and Chinese*. 2020-04-20. Version 0.4.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/resumecls>  
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- Hu, Zou. *The beamertheme-epyt package. A simple and clean theme for L<sup>A</sup>T<sub>E</sub>X beamer class*. 2017-04-18. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/beamertheme-epyt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-epyt>
- *The coloring package. Define missing colors by their names*. 2017-04-18. Version 0.2. LICENSE: lppl1.3. This package makes it possible to define colors automatically by their names. This can be useful in drawing TikZ pictures and designing beamer themes. Using the package, you don't need to write before using a color.  
 URL: <https://ctan.org/pkg/coloring>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coloring>
  - *The interchar package. Managing character class schemes in XeTeX*. 2017-04-18. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/interchar>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/interchar>
- Huang, Alpha. *The latex-notes-zh-cn package. Chinese Introduction to T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X*. 2021-12-29. Version 1.20. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-notes-zh-cn>  
 MIRROR: <https://mirror.ctan.org/info/latex-notes-zh-cn>
- Huang, Chua Eng. *The block package. A block letter style for the letter class*. 2016-06-24. LICENSE: pd. A style file for use with the letter class that overwrites the and macros so that letters can be styled with the block letter style instead of the default style. Thus, the return address, the closing, and the signature appear flushed on the left margin.  
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/velo>
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URL: <https://ctan.org/pkg/softmaker-veracruz>  
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MIRROR: <https://mirror.ctan.org/support/pssplit>
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URL: <https://ctan.org/pkg/utf2any>  
MIRROR: <https://mirror.ctan.org/support/utf2any>
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 MIRROR: <https://mirror.ctan.org/language/hyphenation/nohyph>
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 MIRROR: <https://mirror.ctan.org/info/examples/ltt>
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 URL: <https://ctan.org/pkg/ifsym>  
 MIRROR: <https://mirror.ctan.org/fonts/ifsym>
  - *The ltt package. Example code for “L<sup>A</sup>T<sub>E</sub>X Tipps und Tricks” book*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ltt>  
 MIRROR: <https://mirror.ctan.org/info/examples/ltt>
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 URL: <https://ctan.org/pkg/esperant>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/esperant.sty>
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 URL: <https://ctan.org/pkg/fc>  
 MIRROR: <https://mirror.ctan.org/fonts/jknappen/fc>
  - *The greekctr package. Represent counters by letters of the Greek alphabet*. 2016-06-24. LICENSE: gpl  
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URL: <https://ctan.org/pkg/kmrhyph>  
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URL: <https://ctan.org/pkg/latin1jk>  
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URL: <https://ctan.org/pkg/latin2jk>  
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- *The mathbbol package. Use the bold fonts in mathematics.* 2018-01-06. LICENSE: gpl  
URL: <https://ctan.org/pkg/mathbbol>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jknappen>
- *The mathrsfs package. Support for using RSFS fonts in maths.* 2018-01-06. Version 1.0. LICENSE: gpl  
URL: <https://ctan.org/pkg/mathrsfs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jknappen>
- *The ntsfaq package. Frequently answered questions about  $\TeX$  extension.* 2016-06-24. Version 5. LICENSE: noinfo  
URL: <https://ctan.org/pkg/ntsfaq>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jknappen/sans.sty>
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URL: <https://ctan.org/pkg/semtrans>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jknappen/semtrans.sty>
- *The sgmlcmt package. Support for  $\LaTeX$  formulae as SGML PCDATA.* 2016-06-24. LICENSE: gpl. Replacement control sequences for the characters , , and (as column separator) and for the command . The replacements make it possible to enter  $\LaTeX$  formulae as SGML PCDATA.  
URL: <https://ctan.org/pkg/sgmlcmt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jknappen>
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URL: <https://ctan.org/pkg/smartmn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jknappen/smartmn.sty>
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URL: <https://ctan.org/pkg/babel-indonesian>  
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 URL: <https://ctan.org/pkg/floatfig>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/floatfig.zip>
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/side.sty>
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 MIRROR: <https://mirror.ctan.org/macros/plain/base>
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 URL: <https://ctan.org/pkg/cm>  
 MIRROR: <https://mirror.ctan.org/fonts/cm>
- *The cm-mf package. Sources of the Computer Modern fonts.* 2021-02-09. LICENSE: knuth  
 URL: <https://ctan.org/pkg/cm-mf>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/mf>
- *The cm-pk package. PK bitmaps of the Computer Modern fonts.* 2016-06-24. LICENSE: knuth  
 URL: <https://ctan.org/pkg/cm-pk>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/pk>
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 MIRROR: <https://mirror.ctan.org/fonts/cm/tfm>
- *The cmtest package. CM fonts test sources.* 2016-06-24. LICENSE: knuth  
 URL: <https://ctan.org/pkg/cmtest>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/cmtest>
- *The concrete package. Concrete Roman fonts.* 2022-02-01. LICENSE: knuth  
 URL: <https://ctan.org/pkg/concrete>  
 MIRROR: <https://mirror.ctan.org/fonts/concrete>
- *The dvitype package. Type out the content of a DVI file.* 2016-06-24. Version 3.6. LICENSE: pd  
 URL: <https://ctan.org/pkg/dvitype>  
 MIRROR: <https://mirror.ctan.org/systems/knuth/dist/texware/dvitype.web>
- *The gen package. Genealogy symbols.* 2016-06-24. LICENSE: knuth. A (Metafont) font developed for Jill Knuth’s genealogy project. Available in three optical sizes: files ,  
 URL: <https://ctan.org/pkg/gen>  
 MIRROR: <https://mirror.ctan.org/systems/knuth/local/cm>
- Knuth, Donald E. *The gkpmac package. The macros used in “Concrete Mathematics”.* 2016-11-06. LICENSE: knuth  
 URL: <https://ctan.org/pkg/gkpmac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/gkpmac.tex>
- *The GraphBase package. A platform for combinatorial algorithms.* 2016-06-24. LICENSE: knuth. A program developed (presumably) in pursuit of work on “.

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

- *The tangle package. Generate compilable source from web.* 2021-02-09. Version 4.6. LICENSE: knuth. This is the component of Knuth’s that produces a compilable source from the web representation of a program.  
URL: <https://ctan.org/pkg/tangle>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web/tangle.web>
- *The testfont package. A testbed for font evaluation.* 2016-06-24. LICENSE: knuth. This file (part of the distribution) allows the user to select fonts and to perform a number of evaluation tests, from simple font tables through to elaborate pattern samples.  
URL: <https://ctan.org/pkg/testfont>  
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- *The TeX package. A sophisticated typesetting engine.* 2022-02-01. Version 3.141592653. LICENSE: knuth  
URL: <https://ctan.org/pkg/tex>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/tex>
- *The texbook package. The source of The TeXbook.* 2021-02-09. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/texbook>  
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URL: <https://ctan.org/pkg/texware>  
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URL: <https://ctan.org/pkg/twocolumns>  
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URL: <https://ctan.org/pkg/vf-knuth>  
MIRROR: <https://mirror.ctan.org/info/knuth/virtual-fonts>
- *The vfware package. Tools for virtual font metrics.* 2021-08-26. LICENSE: knuth  
URL: <https://ctan.org/pkg/vfware>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/etc>
- *The weave package. Generate TeX source from web.* 2021-02-09. Version 4.5. LICENSE: knuth. This is the component of Knuth’s that produces TeX input from the web representation of a program, ready for typesetting.  
URL: <https://ctan.org/pkg/weave>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web/weave.web>
- *The web package. The original literate programming system.* 2016-06-24. Version 4.5. LICENSE: knuth. The system processes ‘web’ files in two ways: firstly to rearrange them to produce compilable code (using the program ), and secondly to produce a TeX source (using the program ) that may be typeset for comfortable reading.  
URL: <https://ctan.org/pkg/web>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web>
- Knuth, Donald E. and Rohit Grover. *The punk package. Donald Knuth’s punk font.* 2021-08-26. LICENSE: knuth  
URL: <https://ctan.org/pkg/punk>  
MIRROR: <https://mirror.ctan.org/fonts/punk>
- Knuth, Donald E. and Taco Hoekwater. *The manual package. Knuth’s “manual” fonts.* 2016-11-05. LICENSE: knuth. Metafont (by Donald Knuth) and Adobe Type 1 (by Taco Hoekwater) versions of the font containing the odd symbols Knuth uses in his books. L<sup>A</sup>T<sub>E</sub>X support is available using the package  
URL: <https://ctan.org/pkg/manual>  
MIRROR: <https://mirror.ctan.org/fonts/manual>
- *The mflogo-font package. Metafont logo font.* 2022-02-01. Version 1.002. LICENSE: knuth  
URL: <https://ctan.org/pkg/mflogo-font>  
MIRROR: <https://mirror.ctan.org/fonts/mflogo>
- Knuth, Donald E., Leslie Lamport, Pierre A. MacKay, Richard Schwartz, and Michael Melliard-Smith. *The latex-fonts package. A collection of fonts used in L<sup>A</sup>T<sub>E</sub>X distributions.* 2016-06-24. LICENSE: l<sup>A</sup>T<sub>E</sub>X  
URL: <https://ctan.org/pkg/latex-fonts>  
MIRROR: <https://mirror.ctan.org/fonts/latex>
- Knuth, Donald E., Tom Rokicki, and David R. Fuchs. *The mfware package. Supporting tools for use with Metafont.* 2021-08-26. LICENSE: pd. A collection of programs (as web source) for processing the output of .  
URL: <https://ctan.org/pkg/mfware>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mfware>



- Knuth, Donald E., Andreas Scherer, and Silvio Levy. *The cweb package. A Web system in C*. 2022-06-06. Version 4.8. LICENSE: knuth  
 URL: <https://ctan.org/pkg/cweb>  
 MIRROR: [https://mirror.ctan.org/web/c\\_cpp/cweb](https://mirror.ctan.org/web/c_cpp/cweb)
- Knuutila, Timo. *The tpcmfont package. Computer modern fonts in "true point sizes"*. 2016-06-24. Version 1.1. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/tpcmfont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tpcmfont>
- Koch, Dick. *The texshop package. TeX front end for use on MacOS X*. 2023-02-22. Version 5.12. LICENSE: gpl. TeXShop is a  $\TeX$  previewer for Mac OS X, written in Cocoa.  $\TeX$ Shop uses and in its default configuration, to conform with Mac OS X's predilection for PDF.  
 URL: <https://ctan.org/pkg/texshop>  
 MIRROR: <https://mirror.ctan.org/support/texshop>
- Kocic, Mikica. *The xcpdftips package. Natbib citations with PDF tooltips*. 2019-05-01. Version 1.1. LICENSE: gpl3+. This  $\LaTeX$  package uses and to surround citations with PDF tooltips.  
 URL: <https://ctan.org/pkg/xcpdftips>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcpdftips>
- Kockaert, Pascal. *The psfragx package. A psfrag eXtension*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/psfragx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psfragx>
- Koellner, Armin. *The VSlitex package. Virtual invisible fonts for use with  $\LaTeX$  Slides class*. 2016-06-24. Version 0.4. LICENSE: noinfo. The  $\LaTeX$  2.09-based program SliTeX, and the corresponding  $\LaTeX$  class, use invisible fonts when producing multi-coloured overlays on foils. SliTeX distributions included a set of invisible versions of the Metafont sources of the Computer Modern fonts (an odd concept, but it worked). The present bundle provides a (somewhat more intellectually satisfying) set of virtual fonts that provide the same information (i.e., effectively metrics only) without the need to compile a Metafont source to get it.  
 URL: <https://ctan.org/pkg/vslitex>  
 MIRROR: <https://mirror.ctan.org/fonts/vf-files/vslitex>
- Kohler, Eddie. *The LCDf-typetools package. A bundle of outline font manipulation tools*. 2020-02-20. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lcdf-typetools>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
- *The mmafm package. Font metrics for multiple-master font*. 2017-04-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mmamf>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
  - *The mmpfb package. Create instance of multiple-master font*. 2017-04-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mmpfb>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
  - *The mmttools package. Multiple master fonts tools*. 2017-04-18. Version 1.13. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mmttools>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/utilities/mmttools>
- Köhler, Andreas. *The Mid2TeX/Free package. Convert MIDI to MusicTeX input*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mid2tex>  
 MIRROR: <https://mirror.ctan.org/support/mid2tex>
- Kohlhase, Michael. *The dfghproposal package. Support for writing proposals to the DFG*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dfghproposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
- *The ed package. Editorial Notes for  $\LaTeX$  documents*. 2017-04-18. Version 1.8. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/ed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ed>
  - *The errata package. Error markup for  $\LaTeX$  documents*. 2016-06-24. Version 0.3. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/errata>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/errata>
- Kohlhase, Michael. *The euproposal package. A class for preparing FP7 proposals*. 2016-06-24. Version 0.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/euproposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
- *The proposal package. A set of  $\LaTeX$  classes for preparing proposals for collaborative projects*. 2017-04-18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/proposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
- Kohlhase, Michael and Dennis Müller. *The sTeX package. An Infrastructure for Semantic Preloading of  $\LaTeX$  Documents*. 2023-03-21. Version 3.3.0. LICENSE: lppl

- URL: <https://ctan.org/pkg/stex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stex>
- Kohm, Markus. *The gridset package. Grid, a.k.a. in-register, setting*. 2020-02-12. Version 0.3. LICENSE: lppl1.3c. Grid setting — also known as strict in-register setting — is something, that should be done for a lot of documents but is not easy using L<sup>A</sup>T<sub>E</sub>X. The package helps to get the information needed for grid setting. It does not implement auto grid setting, but there is a command, that moves to the next grid position. This may be enough under some circumstances, but in other circumstances it may fail. Thus gridset is only one more step for grid setting, not a complete solution.
- URL: <https://ctan.org/pkg/gridset>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gridset>
- *The GS1 package. Typeset EAN barcodes using T<sub>E</sub>X rules, only*. 2021-06-18. Version 23. LICENSE: lppl1.3c. The (LaTeX3) package typesets EAN-8 and EAN-13 barcodes, using the facilities of the package.  
URL: <https://ctan.org/pkg/gs1>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gs1>
  - *The koma-script package. A bundle of versatile classes and packages*. 2023-04-24. Version 3.40. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/koma-script>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The koma-script-examples package. Examples from the KOMA-Script book*. 2022-07-04. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/koma-script-examples>  
MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-6>
  - *The koma-script-examples-3 package. Examples from the 3rd edition of the KOMA-Script book*. 2022-07-04. LICENSE: lppl  
URL: <https://ctan.org/pkg/koma-script-examples-3>  
MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-3>
  - *The koma-script-examples-4 package. Examples from the 4th edition of the KOMA-Script book*. 2022-07-04. LICENSE: lppl  
URL: <https://ctan.org/pkg/koma-script-examples-4>  
MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-4>
  - *The koma-script-examples-5 package. Examples from the 5th edition of the KOMA-Script book*. 2022-07-04. LICENSE: lppl  
URL: <https://ctan.org/pkg/koma-script-examples-5>  
MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-5>
  - *The koma-script-obsolete package. Deprecated packages from koma-script*. 2022-07-04. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/koma-script-obsolete>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>
  - *The luaindex package. Create index using LuaLaTeX*. 2016-06-24. Version 0.1b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luaindex>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luaindex>
  - *The makelabels package. Add a ‘\makelabels’ feature to KOMA-Script letter classes and package*. 2021-08-21. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/makelabels>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makelabels>
  - *The marginnote package. Notes in the margin, even where \marginpar fails*. 2018-08-09. Version 1.4b. LICENSE: lppl1.3c. This package provides the command that may be used instead of at almost every place where cannot be used, e.g., inside floats, footnotes, or in frames made with the package.  
URL: <https://ctan.org/pkg/marginnote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/marginnote>
  - *The normalcolor package. Changing \normalcolor*. 2016-11-16. Version r11. LICENSE: lppl1.3. This package provides a command with the same syntax as the command either of package or of package . However, will not change the colour but the / color.  
URL: <https://ctan.org/pkg/normalcolor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/normalcolor>
- Kohm, Markus. *The pfarrei package. L<sup>A</sup>T<sub>E</sub>X support of pastors’ and priests’ work*. 2016-06-24. Version r36. LICENSE: lppl1.3. In “Die T<sub>E</sub>Xnische Komödie” (issue 1/2013) Christian Justen described his use of L<sup>A</sup>T<sub>E</sub>X in his work as priest (similar requirements may be encountered in the work of pastors and other ministers of religion). One point was to arrange A5 pages onto A4 landscape paper, either side-by-side or as a booklet. Justen made two bash scripts for this job; the package provides one texlua script for both requirements. (Note that file should have execute permissions in any installation.)  
URL: <https://ctan.org/pkg/pfarrei>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pfarrei>

- *The rule-d package*. Provide L<sup>A</sup>T<sub>E</sub>X3 commands for typesetting rules. 2021-06-18. Version 23. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/rule-d>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gs1>
- *The scraddr package*. Provide data from scr<sub>l</sub>tr2’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. 2023-04-24. Version 3.40. 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. 2023-04-24. Version 3.40. 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. 2023-04-24. Version 3.40. 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. 2023-04-24. Version 3.40. 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. 2023-04-24. Version 3.40. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/scrjura>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The sclayer package*. Manage text ‘layers’ within Koma-Script. 2023-04-24. Version 3.40. LICENSE: lppl1.3c. The package is part of the , and provides control of ‘background’ and ‘foreground’ layers for a page style description.  
URL: <https://ctan.org/pkg/sclayer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The sclayer-fancyhdr package*. Combining package fancyhdr with KOMA-Script’s sclayer. 2022-07-08. Version 0.2.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/sclayer-fancyhdr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sclayer-fancyhdr>
- *The sclayer-notecolumn package*. Control note columns parallel to the main text. 2022-07-04. Version 0.3.3915. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/sclayer-notecolumn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The sclayer-scrpage package*. Define and manage page styles. 2023-04-24. Version 3.40. LICENSE: lppl1.3c. This package is the part of the bundle that provides an end user interface to , allowing the user to define and manage page styles by controlling page headers and footers. The end user interface is compatible enough to that of the earlier package, so that users should easily be able to switch from the older package to the newer, more powerful, one.  
URL: <https://ctan.org/pkg/sclayer-scrpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scrletter package*. Letter extention to KOMA-Script classes. 2023-04-24. Version 3.40. 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. 2023-04-24. Version 3.40. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/scrfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- Kohm, Markus. *The scr<sub>l</sub>ttr2 package*. Koma-Script ‘letter’ class. 2023-04-24. Version 3.40. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/scr<sub>l</sub>ttr2>  
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. 2023-04-24. Version 3.40. 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. 2023-04-24. Version 3.40. 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 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). 2023-04-24. Version 3.40. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tocbasic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The tocstyle package*. Define style of Table of contents (etc) files. 2020-07-22. Version 0.2k-alpha. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tocstyle>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>
- *The uni-titlepage package*. Universal titlepages with configuration options and predefined styles. 2022-09-06. Version 1.1a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/uni-titlepage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uni-titlepage>
- Kohm, Markus and Frank Neukam. *The typearea package*. Set page margins. 2023-04-24. Version 3.40. 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*. 2021-05-17. Version 0.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-lni>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-lni>
- *The luabibentry package. Repeat BibTeX entries in a Lua<sup>A</sup>TeX document body*. 2020-06-28. Version 0.1a. LICENSE: lppl1.3. The package reimplements , for use in LuaLaTeX.  
 URL: <https://ctan.org/pkg/luabibentry>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luabibentry>
- *The plantuml package. Support for rendering UML diagrams using PlantUML*. 2023-05-13. Version 0.3.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/plantuml>  
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 URL: <https://ctan.org/pkg/simpleinvoice>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/simpleinvoice>
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 URL: <https://ctan.org/pkg/dotlessi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotlessi>
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 URL: <https://ctan.org/pkg/enumitem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/enumitem>
  - *The epsfview package. Mac AppleScript tool for viewing figures generated with MetaPost*. 2016-06-18. LICENSE: pd  
 URL: <https://ctan.org/pkg/epsfview>  
 MIRROR: <https://mirror.ctan.org/systems/mac/epsfview.sea.hqx>
  - *The esindex package. Typset index entries in Spanish documents*. 2019-10-11. Version 1.7. LICENSE: mit. This package helps you to create indexes in Spanish. With `esindex` you can write, say, `\esindexcañón` and the entry will be correctly alphabetized in the index. This release of `esindex` works with accented characters in any encoding, and without .  
 URL: <https://ctan.org/pkg/esindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esindex>
  - *The fixpdmag package. Fix magnification in pdfTeX*. 2016-06-24. LICENSE: pd. A recent change to pdfTeX has caused magnification to apply to page dimensions. This small package changes the values set in the page dimension variables from `\mag` to `\magstep`, thus evading the effects of .  
 URL: <https://ctan.org/pkg/fixpdmag>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/fixpdmag.tex>
  - *The gindex package. Formatting indexes*. 2019-10-07. Version 0.2. LICENSE: mit  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gindex>
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 URL: <https://ctan.org/pkg/guarani>  
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 URL: <https://ctan.org/pkg/luahyphenrules>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luahyphenrules>
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 URL: <https://ctan.org/pkg/mem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/exptl/mem>
  - *The soulpos package. A fancy means of underlining*. 2021-10-15. Version 1.2. LICENSE: mit. The package combines the use of `\u` with the mechanism of current pdfTeX so that the user can create (almost) arbitrary underlining and similar "decorations", including rules, leaders and even pictures (`\rule`, `\hrule`, etc.). Unlike underlines, which are built by repeating small elements, here each chunk of text to be underlined is a single element.  
 URL: <https://ctan.org/pkg/soulpos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/soulpos>
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 URL: <https://ctan.org/pkg/subdocs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subdocs>
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 MIRROR: <https://mirror.ctan.org/obsolete/info/spanish/tipos>
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 URL: <https://ctan.org/pkg/titleps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
  - *The titlesec package. Select alternative section titles*. 2021-07-05. Version 2.14. LICENSE: mit  
 URL: <https://ctan.org/pkg/titlesec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
  - *The titletoc package. Alternative headings for toc/lof/lot*. 2019-10-16. Version 2.13. LICENSE: mit. A companion for handling toc/lof/lot entries.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
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 URL: <https://ctan.org/pkg/babel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/babel/base>
- *The babel-albanian package. Support for Albanian within babel*. 2020-11-25. Version 1.0d. LICENSE: lppl1.3. The package provides support for typesetting Albanian (as part of the system).  
 URL: <https://ctan.org/pkg/babel-albanian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/albanian>
  - *The babel-czech package. Babel support for Czech*. 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Czech in . Some shortcuts are defined, as well as translations to Czech of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-czech>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/czech>
  - *The babel-danish package. Babel contributed support for Danish*. 2021-02-06. Version 1.3s. LICENSE: lppl1.3. The package provides a language definition, file for use with , which establishes Danish conventions in a document (or a subset of the conventions, if Danish is not the main language of the document).  
 URL: <https://ctan.org/pkg/babel-danish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/danish>
  - *The babel-dutch package. Babel contributed support for Dutch*. 2021-08-29. Version 3.8l. LICENSE: lppl1.3. The package provides a language definition, file for use with , which establishes Dutch conventions in a document (or a subset of the conventions, if Dutch is not the main language of the document).  
 URL: <https://ctan.org/pkg/babel-dutch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/dutch>
  - *The babel-english package. Babel support for English*. 2017-06-07. Version 3.3r. LICENSE: lppl1.3. The package provides the language definition file for support of English in . Care is taken to select hyphenation patterns for British English and Australian text, and default (”) patterns for Canadian and USA text.  
 URL: <https://ctan.org/pkg/babel-english>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/english>
  - *The babel-finnish package. Babel support for Finnish*. 2021-02-06. Version 1.3s. LICENSE: lppl1.3. The package provides a language description file that enables support of Finnish with .  
 URL: <https://ctan.org/pkg/babel-finnish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/finnish>
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URL: <https://ctan.org/pkg/babel-norsk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/norsk>
  - *The babel-portuges package. Babel support for Portuges.* 2021-07-09. Version 1.2t. LICENSE: lppl1.3. The package provides the language definition file for support of Portuguese and Brazilian Portuguese in . Some shortcuts are defined, as well as translations to Portuguese of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-portuges>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/portuges>
  - *The babel-scottish package. Babel support for Scottish Gaelic.* 2018-01-13. Version 1.0g. LICENSE: lppl1.3. The package provides the language definition file for support of Gaidhlig (Scottish Gaelic) in . Some shortcuts are defined, as well as translations of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-scottish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/scottish>
  - *The babel-slovenian package. Babel support for typesetting Slovenian.* 2021-02-06. Version 1.2n. LICENSE: lppl1.3. The package provides the language definition file for support of Slovenian in . Several shortcuts are defined, as well as translations to Slovenian of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-slovenian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovenian>
- López, Javier Bezos, Johannes L. Braams, Claudio Beccari, and Maurizio Codogno. *The babel-italian package. Babel support for Italian text.* 2022-04-03. Version 1.4.07. LICENSE: lppl1.3c. The package provides language definitions for use in .  
URL: <https://ctan.org/pkg/babel-italian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/italian>
- López, Javier Bezos, Johannes L. Braams, Jana Chlebíková, and Petr Tesařík. *The babel-slovak package. Babel support for typesetting Slovak.* 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Slovak in , including Slovak variants of LaTeX built-in-names. Shortcuts are also defined.  
URL: <https://ctan.org/pkg/babel-slovak>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovak>
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URL: <https://ctan.org/pkg/babel-swedish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/swedish>
- López, Javier Bezos, Johannes L. Braams, Umstatter Horst, and Robert Juhasz. *The babel-romanian package. Babel support for Romanian.* 2021-04-05. Version 1.2m. LICENSE: lppl1.3. The package provides the language definition file for support of Romanian in . Translations to Romanian of standard “LaTeX names” are provided.  
URL: <https://ctan.org/pkg/babel-romanian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romanian>
- López, Javier Bezos, Johannes L. Braams, and Regnor Jernsletten. *The babel-samin package. Babel support for Samin.* 2018-01-13. Version 1.0c. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-samin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/samin>
- López, Javier Bezos, Johannes L. Braams, Boris Lavva, and Arthur Rosendahl. *The babel-hebrew package. Babel support for Hebrew.* 2019-10-31. Version 2.3h. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-hebrew>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hebrew>
- López, Javier Bezos, Johannes L. Braams, and Luis Martí. *The babel-esperanto package. Babel support for Esperanto.* 2018-01-13. Version 1.4t. LICENSE: lppl1.3. The package provides the language definition file for support of Esperanto in . Some shortcuts are defined, as well as translations to Esperanto of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-esperanto>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/esperanto>
- López, Javier Bezos, Johannes L. Braams, Elmar Schalück, Michael Janich, and Marcin Woliński. *The babel-polish package. Babel support for Polish.* 2022-03-12. Version 1.3. LICENSE: lppl1.3. The package provides the language definition file for support of Polish in . Some shortcuts are defined, as well as translations to Polish of standard “LaTeX names”.



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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>
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URL: <https://ctan.org/pkg/fonteinf>  
MIRROR: <https://mirror.ctan.org/obsolete/info/german/fonteinf.pdf>
- López, Javier Bezos and Julio Sanchez. *The babel-spanish package. Babel support for Spanish*. 2021-05-27. Version 5.0q. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/spanish>
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URL: <https://ctan.org/pkg/guia-bibtex>  
MIRROR: <https://mirror.ctan.org/info/spanish/guia-bibtex>
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URL: <https://ctan.org/pkg/oztex-fonts>  
MIRROR: <https://mirror.ctan.org/systems/mac/fonts/oztex>
- Lorenz, Björn. *The neufont package. New font installation*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/neufont>  
MIRROR: <https://mirror.ctan.org/info/german/neufont.tex>
- Lorenzen, Klaus F. and Helge Baumann. *The din1505 package. Bibliography styles for German texts*. 2016-06-24. LICENSE: other-free. A set of bibliography styles that conform to DIN 1505, and match the original BibTeX standard set ( , , and ), together with a style to work with .  
URL: <https://ctan.org/pkg/din1505>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/german/din1505>
- Loretan, Mico. *The selnolig package. Selectively disable typographic ligatures*. 2018-03-07. Version 0.302. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/selnolig>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/selnolig>
- Loreti, Maurizio. *The brushscr package. A handwriting script font*. 2019-07-06. LICENSE: pd. The BrushScript font simulates hand-written characters; it is distributed in Adobe Type 1 format (but is available in italic shape only). The package includes the files needed by  $\LaTeX$  in order to use that font. The file fully describes the package and illustrates its use.  
URL: <https://ctan.org/pkg/brushscr>  
MIRROR: <https://mirror.ctan.org/fonts/brushscr>
- *The bsheaders package. Double-ruled chapter heading style*. 2019-07-06. LICENSE: gpl. The style, inspired by those in a book by Bjarne Stroustrup, implements chapter headers in sans-serif and bounded by lines wide, both above and below the header itself.  
URL: <https://ctan.org/pkg/bsheaders>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bsheaders>
  - *The lucold package. Use old-style digits with Lucida fonts*. 2021-09-11. LICENSE: gpl. The package provides the means to switch the rendering of all the digits of a document from ‘lining’ to ‘old-style’ numbers, when using Lucida fonts. The switch affects all digits in text mode, or all digits in text and math mode. It works both for normal weight and boldface text and math; since the boldface old-style digits are in the Lucida Expert font set, you need it for the boldface digits. Includes a set of AWK programs used to automatically build , , and files from the existing Lucida PSNFSS distribution, and that may easily be changed for the generation



- of different virtual files for whatever font.  
 URL: <https://ctan.org/pkg/lucold>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lucold>
- Loreti, Maurizio. *The recipe package. A L<sup>A</sup>T<sub>E</sub>X class to typeset recipes*. 2019-07-06. Version 0.9. LICENSE: pd. The layout design is relatively straightforward (and traditional: see ‘sample output’ under ‘documentation’); the class uses the Bookman and the fonts.  
 URL: <https://ctan.org/pkg/recipe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/recipe>
- *The RGB package. Tables of RGB colour parameters*. 2019-07-06. Version 1.2. LICENSE: other-free. The Linux (distributed as part of X11 distributions) is mechanically converted to a L<sup>A</sup>T<sub>E</sub>X file, which has been compiled to make the distribution. For details of the procedure, and sources, see the package’s home page.  
 URL: <https://ctan.org/pkg/rgb>  
 MIRROR: <https://mirror.ctan.org/info/colour/rgb>
  - *The sfheaders package. Sans headers*. 2019-07-06. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sfheaders>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sfheaders>
  - *The webomints package. Webomints font support*. 2021-09-11. Version 1.1c. LICENSE: other-nonfree. A set of files for using the Galapagos Design Group’s with (La)TeX. The original announcement of the font said “Created by George Ryan, Web-O-Mints contains a rich assortment of typographic decorations inspired by historical sources”. A copy of the type 1 font file is included with the distribution, as are test (demonstration) files.  
 URL: <https://ctan.org/pkg/webomints>  
 MIRROR: <https://mirror.ctan.org/fonts/webomints>
- Loreti, Maurizio and Ryan Kavanagh. *The lintex package. Tidy up after a T<sub>E</sub>X run*. 2016-06-24. Version 1.13. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lintex>  
 MIRROR: <https://mirror.ctan.org/support/lintex>
- Lotz, Manfred. *The pkgcheck package. CTAN package checker*. 2023-05-17. Version 3.1.0. LICENSE: apache2,mit  
 URL: <https://ctan.org/pkg/pkgcheck>  
 MIRROR: <https://mirror.ctan.org/support/pkgcheck>
- Lotze, Thomas. *The genmpage package. Generalization of L<sup>A</sup>T<sub>E</sub>X’s minipages*. 2016-06-24. Version 0.3.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/genmpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/genmpage>
- Lounsbury, Andrew. *The latex-for-undergraduates package. A tutorial aimed at introducing undergraduate students to L<sup>A</sup>T<sub>E</sub>X*. 2022-10-07. Version 1.0.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/latex-for-undergraduates>  
 MIRROR: <https://mirror.ctan.org/info/latex-for-undergraduates>
- *The suppose package. Abbreviate the word “Suppose”*. 2021-05-20. Version 1.2.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/suppose>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/suppose>
- Louthan, George. *The tucv package. Support for typesetting a CV or résumé*. 2016-06-24. Version 1.0. LICENSE: other-free  
 URL: <https://ctan.org/pkg/tucv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tucv>
- Love, David. *The truecols package. Colour facilities for SliTeX*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/truecols>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/truecols.doc>
- Lovell, Matthew. *The register package. Typeset programmable elements in digital hardware (registers)*. 2020-03-22. Version 2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/register>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/register>
- Lu, Shilong. *The beautybook package. A beautiful book template for maths and science*. 2023-06-15. Version 6.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/beautybook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beautybook>
- Lubbers, Mart. *The rutitlepage package. Radboud University Titlepage Package*. 2022-02-22. Version 3.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/rutitlepage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rutitlepage>

- Lubenets, Yuri. *The LaTeX-WIDE package. Multifunctional editor for L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/latexwide>  
 MIRROR: [https://mirror.ctan.org/systems/win32/LaTeX\\_WIDE](https://mirror.ctan.org/systems/win32/LaTeX_WIDE)
- *The russian-help package. L<sup>A</sup>T<sub>E</sub>X help in Russian*. 2016-06-18. LICENSE: pd  
 URL: <https://ctan.org/pkg/russian-help>  
 MIRROR: <https://mirror.ctan.org/info/win-help/latex/russian>
  - Lück, Uwe. *The adhocfilelist package. ‘\listfiles’ entries from the command line*. 2017-05-05. LICENSE: lppl  
 URL: <https://ctan.org/pkg/adhocfilelist>  
 MIRROR: <https://mirror.ctan.org/support/adhocfilelist>
  - *The bitelist package. Split list, in T<sub>E</sub>X’s mouth*. 2017-05-05. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bitelist>  
 MIRROR: <https://mirror.ctan.org/macros/generic/bitelist>
  - *The catcodes package. Generic handling of T<sub>E</sub>X category codes*. 2017-05-05. Version r0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/catcodes>  
 MIRROR: <https://mirror.ctan.org/macros/generic/catcodes>
  - *The commado package. Expandable iteration on comma-separated and filename lists*. 2017-05-05. Version r0.11a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/commado>  
 MIRROR: <https://mirror.ctan.org/macros/generic/commado>
  - *The dhua package. German abbreviations using thin space*. 2017-05-05. Version 0.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dhua>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dhua>
  - *The doc-pictex package. A summary list of PicT<sub>E</sub>X documentation*. 2017-05-05. LICENSE: other-free  
 URL: <https://ctan.org/pkg/doc-pictex>  
 MIRROR: <https://mirror.ctan.org/info/pictex/Doc-PiCTeX.txt>
  - *The dowith package. Apply a command to a list of items*. 2017-05-05. Version r0.32. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dowith>  
 MIRROR: <https://mirror.ctan.org/macros/generic/dowith>
  - *The edfnotes package. Critical annotations to footnotes with ednotes*. 2018-01-06. Version 0.6b. LICENSE: lppl1.3. The package modifies the annotation commands and label-test mechanism of the package so that critical notes appear on the pages and in the order that one would expect.  
 URL: <https://ctan.org/pkg/edfnotes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edfnotes>
  - *The ednotes package. Typeset scholarly editions*. 2022-12-07. Version 1.3a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ednotes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ednotes>
  - *The ffinddo package. Filtering files using T<sub>E</sub>X*. 2017-05-06. Version 0.61. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ffinddo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/ffinddo.sty>
  - *The ffinddo-info package. German HTML beamer presentation on nicetext and morehype*. 2017-05-06. Version 1.1b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ffinddo-info>  
 MIRROR: <https://mirror.ctan.org/info/ffinddo-info>
  - *The filedate package. Access and compare info and modification dates*. 2017-05-06. LICENSE: lppl. The package provides basic access to the date of a L<sup>A</sup>T<sub>E</sub>X source file according to its entry (the “info date”) as well as to its modification date according to if the latter is available.  
 URL: <https://ctan.org/pkg/filedate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filedate>
  - *The fileinfo package. Enhanced display of L<sup>A</sup>T<sub>E</sub>X File Information*. 2018-01-06. Version 0.81a. LICENSE: lppl1.3. The bundle provides two packages, and . The package provides a means of reading file information without loading the body of the file. The package uses and controls what will report.  
 URL: <https://ctan.org/pkg/fileinfo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
  - Lück, Uwe. *The finstrut package. Adjust behaviour of the ends of footnotes*. 2017-05-06. Version 0.5. LICENSE: lppl1.3. The L<sup>A</sup>T<sub>E</sub>X internal command is used automatically used at the end of footnote texts to insert a strut to avoid mis-spacing of multiple footnotes. Unfortunately the command can cause a blank line at the end of a footnote. The package provides a solution to this problem.

- URL: <https://ctan.org/pkg/finstrut>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/finstrut>
- *The ifnextok package*. Utility macro: peek ahead without ignoring spaces. 2017-05-06. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ifnextok>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifnextok>
  - *The inputtrc package*. Trace which file loads which. 2017-05-06. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/inputtrc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputtrc>
  - *The langcode package*. Simple language-dependent settings based on language codes. 2017-05-06. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/langcode>  
MIRROR: <https://mirror.ctan.org/macros/generic/langcode>
  - *The latexfileinfo-pkgs package*. A comparison of packages showing L<sup>A</sup>T<sub>E</sub>X file information. 2017-05-06. Version 0.22. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/latexfileinfo-pkgs>  
MIRROR: <https://mirror.ctan.org/info/latexfileinfo-pkgs>
  - *The longnamefilelist package*. Tidy \listfiles with long file names. 2017-05-06. Version 0.2. LICENSE: lppl1.3. The package equips L<sup>A</sup>T<sub>E</sub>X’s command with an optional argument for the number of characters in the longest base filename. This way you get a neatly aligned file list even when it contains files whose base names have more than 8 characters. The package can be combined with the package as explained in the documentation.  
URL: <https://ctan.org/pkg/longnamefilelist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longnamefilelist>
  - *The ltabptch package*. Bug fix for longtable. 2017-05-06. Version 1.74d. LICENSE: lppl. A patch for L<sup>A</sup>T<sub>E</sub>X bugs tools/3180 and tools/3480. The patch applies to version 4.11 of .  
URL: <https://ctan.org/pkg/ltabptch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltabptch>
  - *The makedoc package*. Preprocessing documentation with T<sub>E</sub>X. 2017-05-06. Version 0.52. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/makedoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
  - *The monofill package*. Alignment of plain text. 2017-05-06. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/monofill>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/monofill>
  - *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>
- Lück, Uwe. *The plainpkg package*. A minimal method for making generic packages. 2017-05-06. Version 0.4a. LICENSE: lppl1.3. The package provides a minimal method for making generic (i.e., 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.* 2017-05-06. Version 0.31. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/typeoutfileinfo>  
MIRROR: <https://mirror.ctan.org/support/typeoutfileinfo>
  - *The versions package. Optionally omit pieces of text.* 2017-05-06. Version 0.55. LICENSE: lppl1.3. Stephan Bellantoni’s has provided preamble commands for selecting environments to be included/excluded. This package does the same, but corrects, improves, and extends it in both implementation and function.  
URL: <https://ctan.org/pkg/versions>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/versions>
  - *The wiki package. Use Wiki-style markup in a L<sup>A</sup>T<sub>E</sub>X document.* 2017-05-06. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/wiki>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
- Lück, Uwe and Karl Wette. *The fnlineno package. Number the lines of footnotes.* 2022-12-05. Version 0.55. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fnlineno>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lineno>
- Lüddecke, Jobst-Hartmut. *The bard package. Celtic bardic runes font.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/bard>  
MIRROR: <https://mirror.ctan.org/fonts/bard/bard.mf>
- *The srune package. Saxon rune font.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/srune>  
MIRROR: <https://mirror.ctan.org/fonts/srune>
- Ludewig, Berthold. *The schwel1 package. Calligraphic font for typesetting handwriting in Schwell style.* 2016-07-29. LICENSE: lppl  
URL: <https://ctan.org/pkg/schwel1>  
MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
- *The sueterlin package. Calligraphic font for typesetting handwriting in Sütterlin style.* 2016-07-29. LICENSE: pd  
URL: <https://ctan.org/pkg/sueterlin>  
MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
  - *The va package. Handwriting fonts.* 2016-06-24. LICENSE: noinfo. Two fonts, va14 and vacal14, provided as Metafont source. The distribution includes a L<sup>A</sup>T<sub>E</sub>X .fd file, and full macro support for use with L<sup>A</sup>T<sub>E</sub>X is available in the bundle.  
URL: <https://ctan.org/pkg/va>  
MIRROR: <https://mirror.ctan.org/fonts/va>
- Ludwig, Matthias and Christine Römer. *The translation-enumitem-de package. Enumitem documentation, in German.* 2016-06-24. LICENSE: lppl. This is a translation of the manual for .  
URL: <https://ctan.org/pkg/translation-enumitem-de>  
MIRROR: <https://mirror.ctan.org/info/translations/enumitem/de>
- Luecking, Daniel H. *The fntproof package. A programmable font test pattern generator.* 2016-06-24. LICENSE: pd. The package implements all the font testing commands of Knuth’s , but arranges that information necessary for each command is supplied as arguments to that command, rather than prompted for. This makes it possible to type all the tests in one command line, and easy to input the package in a file and to use the commands there. A few additional commands supporting this last purpose are also made available.  
URL: <https://ctan.org/pkg/fntproof>  
MIRROR: <https://mirror.ctan.org/macros/generic/fntproof>
- Luecking, Daniel H. *The mathdots package. Commands to produce dots in math that respect font size.* 2016-06-24. Version 0.9. LICENSE: lppl. Redefines and , and defines . The dots produced by slant in the opposite direction to . All the commands are designed to change size appropriately in scripts, as well as in response to L<sup>A</sup>T<sub>E</sub>X size changing commands. The commands may also be used in plain T<sub>E</sub>X.

- URL: <https://ctan.org/pkg/mathdots>  
MIRROR: <https://mirror.ctan.org/macros/generic/mathdots>
- *The minifp package. Fixed-point real computations to 8 decimals.* 2016-06-24. Version 0.96. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/minifp>  
MIRROR: <https://mirror.ctan.org/macros/generic/minifp>
  - *The nkarta package. A "new" version of the karta cartographic fonts.* 2016-06-24. Version 0.2. LICENSE: pd. A development of the font, offering more mathematical stability in Metafont. A version that will produce the glyphs as Encapsulated PostScript, using MetaPost, is also provided.  
URL: <https://ctan.org/pkg/nkarta>  
MIRROR: <https://mirror.ctan.org/fonts/nkarta>
  - *The plstmary package. St. Mary's Road font support for plain T<sub>E</sub>X.* 2016-06-24. Version 0.5c. LICENSE: pd. The package provides commands to produce all the symbols of the fonts, in a Plain T<sub>E</sub>X environment.  
URL: <https://ctan.org/pkg/plstmary>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/plstmary>
  - *The splines package. MetaPost macros for drawing cubic spline interpolants.* 2016-06-24. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/splines>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/splines>
  - *The threeddice package. Create images of dice with one, two, or three faces showing, using MetaPost.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/threeddice>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/threeddice>
- Luecking, Daniel H. and Donald Arseneau. *The excludeonly package. Prevent files being \include-ed.* 2016-06-24. Version 1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/excludeonly>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/excludeonly>
- Luecking, Daniel H. and Geoffrey Tobin. *The mfpic package. Draw Metafont/post pictures from (La)T<sub>E</sub>X commands.* 2016-06-24. Version 1.10. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/mfpic>  
MIRROR: <https://mirror.ctan.org/graphics/mfpic>
- Luengo, Pablo González. *The ltximg package. Extract L<sup>A</sup>T<sub>E</sub>X environments into separate image files.* 2021-05-22. Version 2.1. LICENSE: gpl3+. is a Perl script that automates the process of extracting and converting environments provided by , and other packages from input file to image formats and standalone files using and . It generates a file with only extracted environments and another with all extracted environments converted to .  
URL: <https://ctan.org/pkg/ltximg>  
MIRROR: <https://mirror.ctan.org/support/ltximg>
- *The scontents package. Stores L<sup>A</sup>T<sub>E</sub>X contents in memory or files.* 2022-04-04. Version 2.0. LICENSE: lppl1.3c. This package stores valid L<sup>A</sup>T<sub>E</sub>X code in memory (sequences) using the module of . The stored content (including verbatim) can be used as many times as desired in the document, additionally can be written to external files if desired.  
URL: <https://ctan.org/pkg/scontents>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scontents>
- Lukaszczuk, Stephan. *The se2thesis package. A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany.* 2023-04-18. Version 3.0.0. LICENSE: lppl1.3c. The se2thesis bundle provides a document class for writing a theses with the at the , Germany. The class is based on Markus Kohm's classes and provides several additions and customizations to these classes. While the class provides some basic settings, mostly regrading the type area, fonts, and the title page, it still provides large degrees of freedom to its users. However, the package's documentation also provides recommendations regarding several aspects, for example, recommending for bibliographies.  
URL: <https://ctan.org/pkg/se2thesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/se2thesis>
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MIRROR: <https://mirror.ctan.org/support/rtf2tex>
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-cox>
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URL: <https://ctan.org/pkg/pst-contourplot>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-contourplot>
- Luque, Manuel, Denis Girou, and Herbert Voß. *The pst-lens package. Lenses with PSTricks*. 2018-09-15. Version 1.02. LICENSE: lppl. This package provides a really rather simple command that will draw a lens. Command parameters provide a remarkable range of effects.  
URL: <https://ctan.org/pkg/pst-lens>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-lens>
- Luque, Manuel and Christophe Jorssen. *The pst-osci package. Oscgons with PSTricks*. 2018-09-15. Version 2.82. LICENSE: lppl. This package enables you to produce oscilloscope “screen shots”. Three channels can be used to represent the most common signals (damped or not): namely sinusoidal, rectangular, triangular, dog’s tooth (left and right oriented). The third channel allows you to add, to subtract or to multiply the two other signals. Lissajous diagrams (XY-mode) can also be obtained.  
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-osci>
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-am>
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-calendar>
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URL: <https://ctan.org/pkg/pst-cie>  
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URL: <https://ctan.org/pkg/pst-diffraction>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-diffraction>
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URL: <https://ctan.org/pkg/pst-fun>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fun>
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-optic>
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 URL: <https://ctan.org/pkg/pst-platon>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-platon>
  - *The pst-rubans package. Draw three-dimensional ribbons*. 2018-09-15. Version 1.2. LICENSE: lppl. The package uses and to draw three dimensional ribbons on a cylinder, torus, sphere, cone or paraboloid. The width of the ribbon, the number of turns, the colour of the outer and the inner surface of the ribbon may be set. In the case of circular and conical helices, one may also choose the number of ribbons.  
 URL: <https://ctan.org/pkg/pst-rubans>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-rubans>
  - *The pst-solarsystem package. Plot the solar system for a specific date*. 2018-09-15. Version 0.13. LICENSE: lppl. The package uses to produce diagrams of the visible planets, projected on the plane of the ecliptic. It is not possible to represent all the planets in their real proportions, so only Mercury, Venus, Earth and Mars have their orbits in correct proportions and their relative sizes are observed. Saturn and Jupiter are in the right direction, but not in the correct size.  
 URL: <https://ctan.org/pkg/pst-solarsystem>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-solarsystem>
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 URL: <https://ctan.org/pkg/pst-spirograph>
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 URL: <https://ctan.org/pkg/pst-thick>  
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 URL: <https://ctan.org/pkg/codehigh>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codehigh>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/functional>
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 MIRROR: <https://mirror.ctan.org/language/hyphenation/tkhyph.tex>
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 URL: <https://ctan.org/pkg/xet-tex>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interval>
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URL: <https://ctan.org/pkg/memoirchapterstyles>  
MIRROR: <https://mirror.ctan.org/info/latex-samples/MemoirChapStyles>
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URL: <https://ctan.org/pkg/sasnrdisplay>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sasnrdisplay>
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- Maxwell, Adam R. *The onrannual package. Class for Office of Naval Research Ocean Battlespace Sensing annual report*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/onrannual>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/onrannual>
- The tcobrowser package. *Local browsing of the Catalogue on Mac OS X*. 2017-04-18. LICENSE: bsd  
 URL: <https://ctan.org/pkg/tcobrowser>
- May, Ludwig and Jens Leilich. *The timing package. Fonts and macro package for drawing timing diagrams*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/timing>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/timing>



- May, Wolfgang. *The pst-dbicons package. Support for drawing ER diagrams*. 2016-06-24. Version 0.16. LICENSE: lppl. The package provides some useful macros in the database area. The package focusses on typesetting ER-Diagrams in a declarative style, i.e., by positioning some nodes and defining the position of all other nodes relative to them by using the standard database terminology. The package is required for using pst-dbicons, but no deep knowledge of PSTricks commands is required (although such knowledge is useful for exploiting the full functionality of the package).  
URL: <https://ctan.org/pkg/pst-dbicons>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-dbicons>
- May, Wolfgang and Andreas Schedler. *The ntheorem package. Enhanced theorem environment*. 2017-04-18. Version 1.33. LICENSE: lppl  
URL: <https://ctan.org/pkg/ntheorem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ntheorem>
- Mayer, Gyula. *The huhyp package. Hyphenation patterns for the Hungarian language*. 2016-06-24. LICENSE: other-free. This set of patterns is now superseded by those in the .  
URL: <https://ctan.org/pkg/huhyp>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/huhyp.tex>
- Mayer, Steve. *The TeX Converter package. Windows front-end to various L<sup>A</sup>T<sub>E</sub>X to HTML converters*. 2019-02-03. Version 2.6. LICENSE: other-free  
URL: <https://ctan.org/pkg/tex-converter>  
MIRROR: <https://mirror.ctan.org/support/tex-converter>
- Mayer, Steve and Benjamin Zeiss. *The LatexRender package. Use L<sup>A</sup>T<sub>E</sub>X in PHP programs*. 2018-01-06. Version 0.8. LICENSE: gpl. LatexRender is a set of scripts that allows one to call L<sup>A</sup>T<sub>E</sub>X from PHP programs; in particular, this allows users to enter L<sup>A</sup>T<sub>E</sub>X commands in a forum and, on posting, have it replaced by a suitable gif or png. LatexRender requires L<sup>A</sup>T<sub>E</sub>X and ImageMagick to be installed. The open source PHP code was originally designed for use with phpBB, but it can be adapted for use with other PHP programs. Details and example installations may be found in the maintainer's .  
URL: <https://ctan.org/pkg/latexrender>  
MIRROR: <https://mirror.ctan.org/support/latexrender>
- Mazoit, Frédéric. *The tableauVariations package. Variation tables in MetaPost*. 2016-06-24. LICENSE: gpl. Utility macros for creating tables of signs and of variations. The L<sup>A</sup>T<sub>E</sub>X package provides an interface to this package.  
URL: <https://ctan.org/pkg/tableauvariations>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/tableauvariations>
- Mazzamuto, Giacomo. *The europasscv package. Unofficial class for the new version of the Europass curriculum vitae*. 2020-11-01. LICENSE: lppl1.3  
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*. 2023-06-09. Version 1.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/examz>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/examz>

McClelland, Tony. *The corelfonts package. An installation script for Corel Ventura fonts.* 2016-06-24. LICENSE: lppl

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

MIRROR: <https://mirror.ctan.org/fonts/utilities/corelfonts>

McCormick, Doc. *The hpgl2ps package. Translate HPGL to PostScript.* 2016-06-24. LICENSE: noinfo

URL: <https://ctan.org/pkg/hpgl2ps>

MIRROR: <https://mirror.ctan.org/graphics/hpgl2ps>

McDonnell, Rowland. *The cmolddig package. Virtual fount setup for using old style digits.* 2016-06-24. Version 1.6. LICENSE: lppl. This package is a virtual font setup for using old style digits by default with the OT1 encoded Computer Modern Roman upright fonts. The package does the same job for the T1 encoded EC fonts and is generally much better because the EC fonts are like that; but then again, OT1 encoded cmr is available for free in TrueType and PS Type 1 formats and has its uses in pdf files as a result.

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

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

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

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

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

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

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

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

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

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>

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

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

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

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

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

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

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

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

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

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

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 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>
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 URL: <https://ctan.org/pkg/compare>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/compare.tex>
- *The cprog package. Typeset C programs*. 2016-06-24. Version 1.4. LICENSE: pd  
 URL: <https://ctan.org/pkg/cprog>  
 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>
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 URL: <https://ctan.org/pkg/bbcard>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bbcard>
- *The slideshow package. Generate slideshow with MetaPost*. 2016-06-24. Version 1.0. LICENSE: other-free  
 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, dvi<sub>pdf</sub>m, 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>
- McPherson, Kent, Johannes L. Braams, Hideo Umeki, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The layout package. View the layout of a document*. 2021-06-01. Version 1.2e. LICENSE: lppl1.3c

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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>
  - *The sphyphb package. Experimental Spanish hyphenation patterns*. 2020-03-04. Version 2.04. LICENSE: lppl  
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>
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URL: <https://ctan.org/pkg/skb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skb>
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Developed from the ancestor of the standard class, at the Observatoire de Genève.  
URL: <https://ctan.org/pkg/lettre>  
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>
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MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/drv>
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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>
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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>
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URL: <https://ctan.org/pkg/present>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/present>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cweb/contrib/cweb-hy>



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 URL: <https://ctan.org/pkg/uhrzeit>  
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 URL: <https://ctan.org/pkg/listlbls>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listlbls>
- Mendler, Daniel. *The gridsides package. Free form slides with blocks placed on a grid.* 2017-11-28. Version 0.1.1. LICENSE: lpp1.3,gpl2  
 URL: <https://ctan.org/pkg/gridsides>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gridsides>
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 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: lpp1  
 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: lpp1  
 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: lpp1  
 URL: <https://ctan.org/pkg/turnthepage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/turnthepage>
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 URL: <https://ctan.org/pkg/amspell>  
 MIRROR: <https://mirror.ctan.org/support/amspell>
- Mertz, Andrew. *The jflap2tikz package. Convert JFlap file into a L<sup>A</sup>T<sub>E</sub>X file depicting the automaton using TikZ.* 2016-06-24. Version 1.2. LICENSE: other-free. JFlap is an excellent piece of software for experimenting with finite state machines, Turing machines and for exploring many aspects of the theory of computation. JFLAP2TikZ is a script that converts a JFlap “ file representing a finite automaton, push down automaton, or Turing machine to L<sup>A</sup>T<sub>E</sub>X file depicting the automaton graphically using TikZ.  
 URL: <https://ctan.org/pkg/jflap2tikz>  
 MIRROR: <https://mirror.ctan.org/graphics/jflap2tikz>
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 MIRROR: <https://mirror.ctan.org/support/jpeg2ps>
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 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: lpp1  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pageslts>
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  - *The romanbar package. Write roman number with "bars".* 2016-06-24. Version 1.0f. LICENSE: lppl1.3  
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 URL: <https://ctan.org/pkg/tablefootnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tablefootnote>
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 URL: <https://ctan.org/pkg/undolabl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/undolabl>
  - *The uri package. Hyperlinks for a wide range of URIs.* 2018-09-06. Version 2.0b. LICENSE: lppl1.3c. The package provides automatic hyperlinks for URIs of type arXiv, ASIN, DOI, HDL, NBN, OCLC, OID, PubMed, TINY, TINY with preview, and WebCite and provides commands , , , and .  
 URL: <https://ctan.org/pkg/uri>  
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- Münch, Hans-Martin and Jeffrey Goldberg. *The lastpage package. Reference last page for Page N of M type footers.* 2023-04-12. Version 2.0b. LICENSE: lppl1.3c. Reference the number of pages in your L<sup>A</sup>T<sub>E</sub>X document through the introduction of a new label which can be referenced like to give a reference to the last page of a document. It is particularly useful in the page footer that says: Page N of M.  
 URL: <https://ctan.org/pkg/lastpage>  
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- Münch, Uwe. *The bfsymb package. Generate bold symbols in Plain T<sub>E</sub>X mathematics.* 2016-06-24. LICENSE: noinfo. Defines a command that represents its argument using the cmmb10 rather than the font currently in use. This technique has its limitations (the command of the same name in the bundle is much cleverer), but a simple does the job exactly.  
 URL: <https://ctan.org/pkg/bfsymb>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/bfsymb.tex>
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 URL: <https://ctan.org/pkg/eiad-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eiad>
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 URL: <https://ctan.org/pkg/perfectcut>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/perfectcut>
- Munn, Alan. *The casiofont package. Support for the Casio ClassWiz font.* 2018-10-22. Version 1.1. LICENSE: lppl1.3. This package provides support for the Casio ClassWiz font, available from the . The font itself is included in the distribution. The package requires compilation with X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaL<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/casiofont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/casiofont>
- *The he-she package. Alternating pronouns to aid gender-neutral writing.* 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/he-she>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/he-she>
  - *The invoice-class package. Produces a standard US invoice from a CSV file.* 2019-01-20. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/invoice-class>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/invoice-class>
- Munn, Alan. *The movement-arrows package. Drawing movement arrows on linguistic example sentences.* 2023-06-02. Version 2.0. LICENSE: lppl1.3

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- *The msu-thesis package*. Class for Michigan State University Master’s and PhD theses. 2023-05-26. Version 4.1b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/msu-thesis>  
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URL: <https://ctan.org/pkg/csv2latex>  
MIRROR: <https://mirror.ctan.org/support/csv2latex>
- Munson, Ethan V. *The ucthesis209 package*. L<sup>A</sup>T<sub>E</sub>X 2.09 document style for UC Theses. 2016-06-24. Version 2.7. LICENSE: noinfo. An obsolescent L<sup>A</sup>T<sub>E</sub>X 2.09 predecessor of the current ; the latest version of the package seems to have been released as the current one was being developed.  
URL: <https://ctan.org/pkg/ucthesis209>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/ucthesis>
- Münster, Peter. *The context-chromato package*. ConTeXt macros for chromatograms. 2018-08-11. LICENSE: gpl  
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URL: <https://ctan.org/pkg/context-cmscbf>  
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  - *The ConTeXt-cmttbf package*. Use Computer Modern Typewriter bold font in ConTeXt. 2017-11-12. LICENSE: gpl. The module makes provision for bold typewriter CM fonts, in ConTeXt. Such a font may be found in the Computer Modern .  
URL: <https://ctan.org/pkg/context-cmttbf>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-cmttbf>
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URL: <https://ctan.org/pkg/context-construction-plan>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-construction-plan>
  - *The context-degrade package*. Degrading JPEG images in ConTeXt. 2016-06-18. LICENSE: gpl  
URL: <https://ctan.org/pkg/context-degrade>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-degrade>
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MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-french>
  - *The context-inifile package*. An ini-file pretty-printer, using ConTeXt. 2023-03-20. LICENSE: gpl  
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MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-inifile>
  - *The context-typearea package*. Something like Koma-Script typearea. 2018-08-11. LICENSE: gpl. The module provides a command that calculates the page layout as the L<sup>A</sup>T<sub>E</sub>X package does.  
URL: <https://ctan.org/pkg/context-typearea>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-typearea>
  - *The context-URWGaramond package*. ConTeXt support for URW Garamond font. 2018-08-11. LICENSE: pd. The required may also be found on CTAN.  
URL: <https://ctan.org/pkg/context-urwgaramond>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-urwgaramond>
- Münster, Peter. *The degrade package*. Degrade JPEG images on the fly, prior to inclusion. 2016-06-24. LICENSE: lppl. Degrade is a L<sup>A</sup>T<sub>E</sub>X package that degrades JPEG images on the fly to decrease the size of the resulting PostScript or PDF file. It uses the convert

- utility from the ImageMagick bundle as well as (if you're producing PostScript output).  
 URL: <https://ctan.org/pkg/degrade>  
 MIRROR: <https://mirror.ctan.org/graphics/degrade>
- Murphy, Terrence and Rosalie D'Amico. *The makecookbook package. Make a Cookbook*. 2018-12-06. Version 0.85. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/makecookbook>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/makecookbook>
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 URL: <https://ctan.org/pkg/javatex>  
 MIRROR: <https://mirror.ctan.org/systems/javatex>
- *The lgreek package. L<sup>A</sup>T<sub>E</sub>X macros for using Silvio Levy's Greek fonts*. 2016-06-24. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/lgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lgreek>
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 URL: <https://ctan.org/pkg/gmdoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmdoc>
- *The gmeometric package. Change page size wherever it's safe*. 2016-06-24. Version 0.73. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gmeometric>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/gmeometric>
- *The gmiflink package. Simplify usage of \hypertarget and \hyperlink*. 2018-01-06. Version 0.97. LICENSE: lppl. Three -based macros that simplify usage of and : one argument instead of the same one twice. Also and which typeset plain text instead of generating an error or printing '??' if there is no respective hypertarget or label.  
 URL: <https://ctan.org/pkg/gmiflink>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmiflink>
- *The gmutils package. Support macros for other packages*. 2016-06-24. Version 0.996. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gmutils>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmutils>
- *The gmverb package. A variant of L<sup>A</sup>T<sub>E</sub>X \verb, verbatim and shortvrb*. 2016-06-24. Version 0.98. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gmverb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmverb>
- *The gmverse package. A package for typesetting (short) poems*. 2018-01-06. Version 0.73. LICENSE: lppl. A redefinition of the environment to make the command optional for line ends and to give it a possibility of optical centering and 'right-hanging' alignment of lines broken because of length.  
 URL: <https://ctan.org/pkg/gmverse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmverse>
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 URL: <https://ctan.org/pkg/catoptions>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catoptions>
- *The changelayout package. Change the layout of individual pages and their text*. 2016-06-24. Version 1.0. LICENSE: lppl. The package is an extension of the package to permit the user to change the layout of individual pages and their texts.  
 URL: <https://ctan.org/pkg/changelayout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/changelayout>
- *The draftmark package. Put draft marks on selected pages*. 2016-06-24. Version 1.2. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/draftmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftmark>
- *The getfiledate package. Find the date of last modification of a file*. 2016-06-24. Version 1.2. LICENSE: lppl. The package fetches from the system the date of last modification or opening of an existing file, using the function (present in recent versions of pdfT<sub>E</sub>X); the user may specify how the date is to be presented.  
 URL: <https://ctan.org/pkg/getfiledate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/getfiledate>
- Musa, Ahmed. *The keyreader package. A robust interface to xkeyval*. 2016-06-24. Version 0.5b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/keyreader>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyreader>

- *Thekeyval2e package. A lightweight and robust key-value parser.* 2016-06-24. Version 0.0.2. LICENSE: lppl1.3. The package provides lightweight and robust facilities for creating and managing keys. Its machinery isn't as extensive as that of, e.g., the package, but it is equally robust; ease of use and speed of processing are the design aims of the package.  
URL: <https://ctan.org/pkg/keyval2e>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyval2e>
  - *The loops package. General looping macros for use with L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/loops>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/loops>
  - *The ltxkeys package. A robust key parser for L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 0.0.3c. LICENSE: lppl  
URL: <https://ctan.org/pkg/ltxkeys>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltxkeys>
  - *The ltxtools package. A collection of L<sup>A</sup>T<sub>E</sub>X API macros.* 2016-06-24. Version 0.0.1a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ltxtools>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltxtools>
  - *The newenvirom package. Processing an environment's body.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/newenvirom>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newenvirom>
  - *The pagerange package. Flexible and configurable page range typesetting.* 2016-06-24. Version 0.5. LICENSE: lppl. The package defines a command that typesets ranges of page numbers, expanding them (e.g., adding first or last page numbers) and standardising them.  
URL: <https://ctan.org/pkg/pagerange>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagerange>
  - *The pgfkeyx package. Extended and more robust version of pgfkeys.* 2016-06-24. Version 0.0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pgfkeyx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pgfkeyx>
  - *The skeycommand package. Create commands using parameters and keyval in parallel.* 2016-06-24. Version 0.4. LICENSE: lppl1.3. The package provides tools for defining L<sup>A</sup>T<sub>E</sub>X commands and environments using combinations of parameters and keys. All the facilities of the and packages are available to the user of skeycommand.  
URL: <https://ctan.org/pkg/skeycommand>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skeycommand>
  - *The skeyval package. Key-value parsing combining features of xkeyval and pgfkeys.* 2016-06-24. Version 1.3. LICENSE: lppl1.3. The package integrates the features of and of by introducing a new type of handlers. Style keys, links, changing key callbacks and values on the fly, and other features of pgfkeys are introduced in a new context.  
URL: <https://ctan.org/pkg/skeyval>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skeyval>
  - *The storecmd package. Store the name of a defined command in a container.* 2016-06-24. Version 0.0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/storecmd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/storecmd>
  - *The xwatermark package. Graphics and text watermarks on selected pages.* 2021-06-17. Version 1.5.2d. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xwatermark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xwatermark>
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URL: <https://ctan.org/pkg/go-make>  
MIRROR: <https://mirror.ctan.org/support/go>
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- Myers, Eric and Frank Paige. *The TeXsis package. Plain T<sub>E</sub>X macros for Physicists.* 2019-06-21. Version 2.18. LICENSE: lppl  
URL: <https://ctan.org/pkg/texsis>  
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- Naanou, Alex A. *The photobook package. A document class for typesetting photo books.* 2023-04-27. Version 0.1.21. LICENSE: bsd3. The L<sup>A</sup>T<sub>E</sub>X document class extends the book class defining a set of parameters, meta-macros, macros and environments with reasonable defaults to help typeset, build and print books mainly based on visual/image content.  
URL: <https://ctan.org/pkg/photobook>  
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 URL: <https://ctan.org/pkg/hungarian>  
 MIRROR: <https://mirror.ctan.org/language/hungarian/hyphenation>
- Nähring, Tobias and Herbert Voß. *The pst-bezier package. Draw Bezier curves*. 2016-09-03. Version 0.03. LICENSE: lppl. The package provides a macro for drawing a Bézier curve. Provision is made for full control of over all the control points of the curve.  
 URL: <https://ctan.org/pkg/pst-bezier>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bezier>
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 URL: <https://ctan.org/pkg/arydshln>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arydshln>
- *The dblfnote package. Double-column footnotes*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dblfnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
  - *The fnpos package. Control the position of footnotes on the page*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fnpos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
  - *The hvdashln package. Horizontal and vertical dashed lines in arrays and tabulars*. 2018-01-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/hvdashln>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/hvdashln.sty>
  - *The newvbtm package. Define your own verbatim-like environment*. 2016-06-24. Version 1.1. LICENSE: lppl. Defines general purpose macro named to define your own verbatim-like environment. It also has a supplementary style file varvbtm.sty to provide set of macros for variants of verbatim, such as tab emulation.  
 URL: <https://ctan.org/pkg/newvbtm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newvbtm>
  - *The paracol package. Multiple columns with texts “in parallel”*. 2018-12-31. Version 1.35. LICENSE: lppl  
 URL: <https://ctan.org/pkg/paracol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paracol>
  - *The pfnote package. Number footnotes per page*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pfnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
  - *The umoline package. Underline text allowing line breaking*. 2018-01-06. LICENSE: lppl. Provides commands , and for underlining, striking out, and overlining their text arguments.  
 URL: <https://ctan.org/pkg/umoline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/umoline>
  - *The yafoot package. A bundle of miscellaneous footnote packages*. 2018-09-03. Version 1.1. LICENSE: lppl. Contains three packages: – to number footnotes per page; – to control the position of footnotes; and – to make footnotes double-columned.  
 URL: <https://ctan.org/pkg/yafoot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
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 URL: <https://ctan.org/pkg/texliveonfly>  
 MIRROR: <https://mirror.ctan.org/support/texliveonfly>
- Nardello, Massimo. *The bibfilex package. A free bibliographic manager for BibLaTeX*. 2017-04-18. Version 1.2.8. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/bibfilex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibfilex>
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 URL: <https://ctan.org/pkg/ajl>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/ajl.bst>
- Nebendahl, Olle. *The cms4talks package. Content Management System for Talks*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/cms4talks>  
 MIRROR: <https://mirror.ctan.org/support/cms4talks>
- Nederlandstalige T<sub>E</sub>X Gebruikersgroep. *The ntg-maps package. The NTG’s journal MAPS*. 2016-06-24. LICENSE: other-nonfree  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keystroke>
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URL: <https://ctan.org/pkg/niceframe-type1>  
MIRROR: <https://mirror.ctan.org/fonts/niceframe>
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URL: <https://ctan.org/pkg/overpic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/overpic>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scr1ttr2copy>
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MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/openSUSE>
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URL: <https://ctan.org/pkg/sidecap>  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/eqmark>
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 URL: <https://ctan.org/pkg/tsconfig>  
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 URL: <https://ctan.org/pkg/cmdstring>  
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MIRROR: <https://mirror.ctan.org/language/polish/plpsfont>
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URL: <https://ctan.org/pkg/aliascnt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/aliascnt.dtx>
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URL: <https://ctan.org/pkg/alphaph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alphaph>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atbegshi>
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URL: <https://ctan.org/pkg/atenddvi>  
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URL: <https://ctan.org/pkg/attachfile2>  
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URL: <https://ctan.org/pkg/bigintcalc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bigintcalc>
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URL: <https://ctan.org/pkg/bmpsize>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/bmpsize.dtx>
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URL: <https://ctan.org/pkg/bookmark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bookmark>
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URL: <https://ctan.org/pkg/catchfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catchfile>
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URL: <https://ctan.org/pkg/centernot>  
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URL: <https://ctan.org/pkg/chemarr>  
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URL: <https://ctan.org/pkg/colonequals>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/colonequals.dtx>
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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>
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 URL: <https://ctan.org/pkg/eolgrab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/eolgrab.dtx>
- *The epstopdf-pkg package. Call epstopdf "on the fly"*. 2020-01-24. Version 2.11. LICENSE: lppl1.3. The package adds support for EPS files in the package when running under pdfTeX. If an EPS graphic is detected, the package spawns a process to convert the EPS to PDF, using the script . This of course requires that shell escape is enabled for the pdfTeX run.  
 URL: <https://ctan.org/pkg/epstopdf-pkg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epstopdf-pkg>
  - *The etexcmds package. Avoid name clashes with e-TeX commands*. 2019-12-31. Version 1.7. LICENSE: lppl1.3. New primitive commands are introduced in e-TeX; sometimes the names collide with existing macros. This package solves the name clashes by adding a prefix to e-TeX's commands. For example, eTeX's is provided as .  
 URL: <https://ctan.org/pkg/etexcmds>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etexcmds>
  - *The fibnum package. Generate Fibonacci numbers*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fibnum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/fibnum.dtx>
  - *The flags package. Setting and clearing of flags in bit fields*. 2016-06-24. Version 0.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/flags>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/flags.dtx>
  - *The gettitlestring package. Clean up title references*. 2019-12-21. Version 1.6. LICENSE: lppl1.3. Cleans up the title string (removing commands) for packages (such as ) that typeset such strings.  
 URL: <https://ctan.org/pkg/gettitlestring>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gettitlestring>
  - *The grfext package. Manipulate the graphics package's list of extensions*. 2019-12-06. Version 1.3. LICENSE: lppl1.3. This package provides macros for adding to, and reordering the list of graphics file extensions recognised by package .  
 URL: <https://ctan.org/pkg/grfext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfext>
  - *The grffile package. Extended file name support for graphics (legacy package)*. 2019-11-11. Version 2.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/grffile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grffile>
  - *The hobsub package. Construct package bundles*. 2019-11-17. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hobsub>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hobsub>
  - *The hologo package. A collection of logos with bookmark support*. 2021-11-17. Version 1.15. LICENSE: lppl1.3c. The package defines a single command , whose argument is the usual case-confused ASCII version of the logo. The command is bookmark-enabled, so that every logo becomes available in bookmarks without further work.  
 URL: <https://ctan.org/pkg/hologo>  
 MIRROR: <https://mirror.ctan.org/macros/generic/hologo>
  - *The holtxdoc package. Documentation macros for oberdiek bundle, etc*. 2019-11-15. Version 0.29. LICENSE: lppl1.3c. These are personal macros, which are not necessarily useful to other authors (they are provided as part of the source of others of the author's packages). Macros that may be of use to other authors are available separately, in package .  
 URL: <https://ctan.org/pkg/holtxdoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/holtxdoc.dtx>
  - *The hopatch package. Load patches for packages*. 2023-01-07. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hopatch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hopatch>
  - *The hycolor package. Implements colour for packages hyperref and bookmark*. 2020-01-28. Version 1.10. LICENSE: lppl1.3. This package provides the code for the option that is used by packages and . It is not intended as package for the user.  
 URL: <https://ctan.org/pkg/hycolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hycolor>
  - *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 hycap package. Adjusting the anchors of captions*. 2018-01-06. Version 1.12. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hycap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hycap.dtx>

- Oberdiek, Heiko. *The hypdestopt package. Hyperref destination optimizer*. 2020-09-07. Version 2.7. LICENSE: lppl1.3. This package supports `'s` pdfTeX driver. It removes unnecessary destinations and shortens the destination names or uses numbered destinations to get smaller PDF files.  
 URL: <https://ctan.org/pkg/hypdestopt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hypdestopt>
- *The hypdoc package. Hyper extensions for doc.sty*. 2023-01-23. Version 1.18. LICENSE: lppl1.3c. This package adds hypertext features to the package that is used in the documentation system of . Bookmarks are added and references are linked as far as possible.  
 URL: <https://ctan.org/pkg/hypdoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hypdoc>
  - *The hypgotoe package. Links to embedded files*. 2019-12-31. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hypgotoe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypgotoe.dtx>
  - *The hyphsubst package. Substitute hyphenation patterns*. 2016-06-24. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hyphsubst>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hyphsubst.dtx>
  - *The ifdraft package. Detect “draft” and “final” class options*. 2018-01-06. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/iftdraft>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/iftdraft.dtx>
  - *The iflang package. Expandable checks for the current language*. 2018-09-08. Version 1.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/iflang>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/iflang.dtx>
  - *The infwarerr package. Complete set of information/warning/error message macros*. 2019-12-06. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/infwarerr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/infwarerr>
  - *The inputenx package. Enhanced input encoding handling*. 2019-12-01. Version 1.12. LICENSE: lppl1.3. This package deals with input encodings. It provides a wider range of input encodings using standard mappings, than does ; it also covers nearly all slots. In this way, it serves as more up-to-date replacement for package .  
 URL: <https://ctan.org/pkg/inputenx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputenx>
  - *The intcalc package. Expandable arithmetic operations with integers*. 2019-12-21. Version 1.3. LICENSE: lppl1.3. This package provides expandable arithmetic operations with integers, using the e-TeX extension if it is available.  
 URL: <https://ctan.org/pkg/intcalc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/intcalc>
  - *The kvdefinekeys package. Define keys for use in the kvsetkeys package*. 2019-12-21. Version 1.6. LICENSE: lppl1.3c. The package provides a macro (analogous to , to define keys for use by .  
 URL: <https://ctan.org/pkg/kvdefinekeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvdefinekeys>
  - *The kvoptions package. Key value format for package options*. 2022-06-16. Version 3.15. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/kvoptions>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvoptions>
  - *The kvsetkeys package. Key value parser with default handler support*. 2022-10-05. Version 1.19. LICENSE: lppl1.3. This package provides `\kvsetkeys`, a variant of package `'s` . It allows the user to specify a handler that deals with unknown options. Active commas and equal signs may be used (e.g. see `'s` shorthands) and only one level of curly braces are removed from the values.  
 URL: <https://ctan.org/pkg/kvsetkeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvsetkeys>
  - *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>
- Oberdiek, Heiko. *The listingsutf8 package. Allow UTF-8 in listings input*. 2019-12-14. Version 1.5. LICENSE: lppl1.3. Package does not support files with multi-byte encodings such as UTF-8. In the case of , a simple workaround is possible if a one-byte encoding exists that the file can be converted to. The package requires the e-TeX extensions under pdfTeX (in either PDF or DVI output

- mode).
- URL: <https://ctan.org/pkg/listingsutf8>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listingsutf8>
- *The ltxcmds package*. Some L<sup>A</sup>T<sub>E</sub>X kernel commands for general use. 2020-09-24. Version 1.25. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ltxcmds>  
MIRROR: <https://mirror.ctan.org/macros/generic/ltxcmds>
  - *The luacolor package*. Color support based on LuaTeX's node attributes. 2021-02-18. Version 1.17. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luacolor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/luacolor>
  - *The luatex-pkg package*. Basic definitions for LuaTeX. 2019-11-15. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/luatex-pkg>
  - *The magicnum package*. Access T<sub>E</sub>X systems' "magic numbers". 2019-12-01. Version 1.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/magicnum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/magicnum>
  - *The makerobust package*. Making a macro robust (legacy package). 2019-11-17. Version 2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/makerobust>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makerobust>
  - *The mkjobtexmf package*. Generate a texmf tree for a particular job. 2016-06-24. Version 0.8. LICENSE: artistic  
URL: <https://ctan.org/pkg/mkjobtexmf>  
MIRROR: <https://mirror.ctan.org/support/mkjobtexmf>
  - *The mleftright package*. Variants of delimiters that act as maths open/close. 2019-12-06. Version 1.2. LICENSE: lppl1.3. The package defines variants 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>

- Oberdiek, Heiko. *The pdfescape package. Implements pdfTeX's escape features using T<sub>E</sub>X or e-TeX*. 2019-12-14. Version 1.15. LICENSE: lppl1.3. This package implements 's escape features ( , , , ) using T<sub>E</sub>X or e-TeX.  
 URL: <https://ctan.org/pkg/pdfescape>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfescape>
- *The pdfscape package. Make landscape pages display as landscape*. 2022-10-29. Version 0.13. LICENSE: lppl1.3c. The package adds PDF support to the landscape environment of package , by setting the PDF page attribute. Pages with this attribute will be displayed in landscape orientation by conforming PDF viewers.  
 URL: <https://ctan.org/pkg/pdfscape>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfscape>
  - *The pdfrender package. Control rendering parameters*. 2019-12-31. Version 1.6. LICENSE: lppl1.3. The package provides interfaces for the user to control PDF parameters, such as line width or text rendering mode. The control operations work in a manner very similar to that of the package.  
 URL: <https://ctan.org/pkg/pdfrender>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfrender.dtx>
  - *The pdftexcmds package. LuaTeX support for pdfTeX utility functions*. 2020-06-29. Version 0.33. LICENSE: lppl1.3c. LuaTeX provides most of the commands of 1.40. However, a number of utility functions are not available. This package tries to fill the gap and implements some of the missing primitives using Lua.  
 URL: <https://ctan.org/pkg/pdftexcmds>  
 MIRROR: <https://mirror.ctan.org/macros/generic/pdftexcmds>
  - *The picture package. Dimens for picture macros*. 2020-04-23. Version 1.6. LICENSE: lppl1.3. There are macro and environment arguments that expect numbers that will internally be multiplied by . This package extends the syntax of these arguments, so that dimensions with calculation support may be used for these arguments.  
 URL: <https://ctan.org/pkg/picture>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/picture>
  - *The pkfix package. Replace pk fonts in PostScript with Type 1 fonts*. 2018-01-06. Version 1.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pkfix>  
 MIRROR: <https://mirror.ctan.org/support/pkfix>
  - *The pmbxdraw package. Poor man's box drawing characters*. 2019-12-10. Version 1.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pmbxdraw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmbxdraw>
  - *The protecteddef package. Define protected commands*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. The package defines a command that will create L<sup>A</sup>T<sub>E</sub>X 'robust' command or an e-TeX 'protected' command as appropriate to its environment.  
 URL: <https://ctan.org/pkg/protecteddef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/protecteddef.dtx>
  - *The refcount package. Counter operations with label references*. 2019-12-21. Version 3.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/refcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/refcount>
  - *The rerunfilecheck package. Checksum based rerun checks on auxiliary files*. 2022-07-10. Version 1.10. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/rerunfilecheck>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rerunfilecheck>
  - *The resizgather package. Automatically resize overly large equations*. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/resizgather>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/resizgather.dtx>
  - *The rotchiffre package. Perform simple rotation cyphers*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/rotchiffre>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/rotchiffre.dtx>
  - *The scrindex package. Make index package work with Koma-script classes*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/scrindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/scrindex.dtx>
  - *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>
- Oberdiek, Heiko. *The setouterhbox package. Set hbox in outer horizontal mode*. 2016-06-24. Version 1.8. LICENSE: lppl1.3. If math stuff is set in an , then T<sub>E</sub>X performs some optimization and omits the implicit penalties and . This packages tries to put stuff into an without losing those penalties.



- URL: <https://ctan.org/pkg/setouterhbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/setouterhbox.dtx>
- *The settobox package*. Assigning dimensions of a box to a length register. 2018-01-06. Version 1.5. LICENSE: lppl1.3. Commands to assist the reuse of boxes (set up by or by the environment); the commands behave similarly to the (etc.) commands. For example:  
URL: <https://ctan.org/pkg/settobox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/settobox.dtx>
  - *The soul package*. Hyphenation for letterspacing, underlining, and more. 2023-06-14. Version 3.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/soul>  
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>



- Oberdiek, Heiko. The *zref* package. A new reference scheme for L<sup>A</sup>T<sub>E</sub>X. 2022-04-07. Version 2.34. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/zref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref>
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URL: <https://ctan.org/pkg/lshort>  
MIRROR: <https://mirror.ctan.org/info/lshort>
- The *lshort-english* package. A (Not So) Short Introduction to L<sup>A</sup>T<sub>E</sub>X 2ε. 2021-03-09. Version 6.4. LICENSE: gpl2  
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 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/revtex4-0>
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 URL: <https://ctan.org/pkg/csfonts-t1>  
 MIRROR: <https://mirror.ctan.org/macros/cstex/base/csfonts-t1.tar.gz>
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 URL: <https://ctan.org/pkg/ofs>  
 MIRROR: <https://mirror.ctan.org/macros/generic/ofs>
  - *The olsak-misc package. Collection of plain T<sub>E</sub>X macros written by Petr Olšák*. 2022-08-04. Version Aug. 2022. LICENSE: pd  
 URL: <https://ctan.org/pkg/olsak-misc>  
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 URL: <https://ctan.org/pkg/optex>  
 MIRROR: <https://mirror.ctan.org/macros/optex>
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 MIRROR: <https://mirror.ctan.org/macros/cstex/base/cspsfonts.tar.gz>
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 URL: <https://ctan.org/pkg/fcolumn>  
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 URL: <https://ctan.org/pkg/bigdelim>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyhdr>
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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.  
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 URL: <https://ctan.org/pkg/egameps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/egameps>
- *The latex-bnf package. L<sup>A</sup>T<sub>E</sub>X macros for typing BNF specifications*. 2016-06-24. Version 1.1a. LICENSE: noinfo. The package defines an environment . The contents of the environment is a context-free grammar, and the environment will pretty-print it.  
 URL: <https://ctan.org/pkg/latex-bnf>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/tex-bnf>
- *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>
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 URL: <https://ctan.org/pkg/swimgraf>  
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 URL: <https://ctan.org/pkg/texloganalyser>  
 MIRROR: <https://mirror.ctan.org/support/texloganalyser>
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/otfinst>
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 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>
- Page, Clément. *The playcards package. A simple template for drawing playcards.* 2023-06-11. Version 0.2.1. LICENSE: lgpl3  
 URL: <https://ctan.org/pkg/playcards>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/playcards>
- Pagin, Peter. *The philex package. Cross references for named and numbered environments.* 2016-06-24. Version 1.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/philex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/philex>
- Paić, Alan and Ivan Kokan. *The babel-croatian package. Babel contributed support for Croatian.* 2016-06-24. Version 1.3l. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-croatian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/croatian>
- Pakin, Scott. *The arlatex package. A L<sup>A</sup>T<sub>E</sub>X-based archiver.* 2022-10-04. Version 1.1. LICENSE: lppl1.3c. Arlatex is an archiving program like shar, tar, zip, etc. Its output is specifically designed for use with L<sup>A</sup>T<sub>E</sub>X. Arlatex takes the name of a master file and the ancillary files it uses (such as , , and files). From these files, arlatex creates a single file that will recreate all the ancillary files when it's run through L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/arlatex>  
 MIRROR: <https://mirror.ctan.org/support/bundledoc>
- *The attachfile package. Attach arbitrary files to a PDF document.* 2018-01-06. Version 1.9. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/attachfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/attachfile>
  - *The boxedminipage package. Framed minipages of a specified total width (text and frame combined).* 2020-04-21. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/boxedminipage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/boxedminipage>
  - *The bundledoc package. Bundle together all the files needed to build a L<sup>A</sup>T<sub>E</sub>X document.* 2022-10-04. Version 3.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/bundledoc>  
 MIRROR: <https://mirror.ctan.org/support/bundledoc>
  - *The bytefield package. Create illustrations for network protocol specifications.* 2021-08-18. Version 2.7. LICENSE: lppl1.3a  
 URL: <https://ctan.org/pkg/bytefield>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bytefield>
  - *The comicsans package. Use Microsoft Comic Sans font.* 2021-09-11. Version 1.0g. LICENSE: lppl  
 URL: <https://ctan.org/pkg/comicsans>  
 MIRROR: <https://mirror.ctan.org/fonts/comicsans>
- Pakin, Scott. *The cooltooltips package. Associate a pop-up window and tooltip with PDF hyperlinks.* 2021-08-09. Version 1.1. LICENSE: lppl. The cooltooltips package enables a document to contain hyperlinks that pop up a brief tooltip when the mouse moves over them and also open a small window containing additional text. cooltooltips provides the mechanism used by the to indicate the question that each hyperlink answers.

- URL: <https://ctan.org/pkg/cooltooltips>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cooltooltips>
- *The covfonts package. Make Apostrophic Laboratories’s Covington fonts available to T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.* 2022-04-24. Version 1.0a. LICENSE: lppl. The covfonts package provides all of the font metrics, virtual fonts, font-description files, and font-mapping files needed to use Apostrophic Laboratories’s freely downloadable with T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/covfonts>  
MIRROR: <https://mirror.ctan.org/fonts/covfonts>
  - *The ctanify package. Prepare a package for upload to CTAN.* 2017-04-23. Version 1.9.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/ctanify>  
MIRROR: <https://mirror.ctan.org/support/ctanify>
  - *The dashrule package. Draw dashed rules.* 2016-06-24. Version 1.3. LICENSE: lppl. The dashrule package makes it easy to draw a huge variety of dashed rules (i.e., lines) in L<sup>A</sup>T<sub>E</sub>X. dashrule provides a command, `\dashrule`, which is a cross between L<sup>A</sup>T<sub>E</sub>X’s `\rule` and PostScript’s `setdash` command. `\dashrule` draws horizontally dashed rules using the same syntax as `\rule`, but with an additional, `setdash`-like parameter that specifies the pattern of dash segments and the space between those segments. Because dashrule’s rules are constructed internally using (as opposed to, e.g., PostScript `s`) they are fully compatible with every L<sup>A</sup>T<sub>E</sub>X back-end processor.  
URL: <https://ctan.org/pkg/dashrule>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dashrule>
  - *The dtxut package. Tutorial on writing .dtx and .ins files.* 2016-06-24. Version 2.1. LICENSE: lppl1.3. This tutorial is intended for advanced L<sup>A</sup>T<sub>E</sub>X2e users who want to learn how to create and files for distributing their homebrewed classes and package files.  
URL: <https://ctan.org/pkg/dtxut>  
MIRROR: <https://mirror.ctan.org/info/dtxut>
  - *The eqparbox package. Create equal-widthed parboxes.* 2017-09-04. Version 4.1. LICENSE: lppl1.3c. L<sup>A</sup>T<sub>E</sub>X users sometimes need to ensure that two or more blocks of text occupy the same amount of horizontal space on the page. To that end, the eqparbox package defines a new command, `\eqparbox`, which works just like `\parbox`, except that instead of specifying a width, one specifies a tag. All eqparboxes with the same tag—regardless of where they are in the document—will stretch to fit the widest eqparbox with that tag. This simple, equal-width mechanism can be used for a variety of alignment purposes, as is evidenced by the examples in eqparbox’s documentation. Various derivatives of `\eqparbox` are also provided.  
URL: <https://ctan.org/pkg/eqparbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqparbox>
  - *The filecontents package. Create an external file from within a L<sup>A</sup>T<sub>E</sub>X document.* 2023-04-02. Version 1.5a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/filecontents>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filecontents>
  - *The hyperxmp package. Embed XMP metadata within a L<sup>A</sup>T<sub>E</sub>X document.* 2023-02-20. Version 5.11. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hyperxmp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperxmp>
  - *The IEEEconf package. Macros for IEEE conference proceedings.* 2021-06-23. Version 1.4. LICENSE: lppl. The IEEEconf class implements the dictated by the IEEE Computer Society Press for conference proceedings.  
URL: <https://ctan.org/pkg/ieeeconf>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEconf>
  - *The leawood package. L<sup>A</sup>T<sub>E</sub>X support for use of ITC Leawood font family.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/leawood>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/leawood>
  - *The listliketab package. Typeset lists as tables.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/listliketab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listliketab>
  - *The mf2pt1 package. Convert stylized Metafont to PostScript Type 1.* 2021-12-04. Version 2.7. LICENSE: lppl1.3c. mf2pt1 is a Perl script that facilitates producing PostScript Type 1 fonts from a Metafont source file. It is not, as the name may imply, an automatic converter of arbitrary Metafont fonts to Type 1 format. mf2pt1 imposes a number of restrictions on the Metafont input. If these restrictions are met, mf2pt1 will produce valid Type 1 output with more accurate control points than can be reverse-engineered by T<sub>E</sub>Xtrace, `\fontspec`, and other programs which convert bitmaps to outline fonts.  
URL: <https://ctan.org/pkg/mf2pt1>  
MIRROR: <https://mirror.ctan.org/support/mf2pt1>
  - *The mftinc package. Pretty-print Metafont source.* 2016-06-24. Version 1.0a. LICENSE: lppl  
URL: <https://ctan.org/pkg/mftinc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mftinc>

- Pakin, Scott. *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  
 URL: <https://ctan.org/pkg/wheretotrim>  
 MIRROR: <https://mirror.ctan.org/support/wheretotrim>
- Pal, Palash Baran. *The bangtex package. Writing Bangla and Assamese with L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/bangtex>  
 MIRROR: <https://mirror.ctan.org/language/bengali/bangtex>
- Pallas, Joseph. *The suthesis package. Typeset a Stanford University thesis*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/suthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/suthesis.sty>
- Palm, Reimo. *The lshort-estonian package. Estonian introduction to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 5.05. LICENSE: gpl2. This is the Estonian translation of .  
 URL: <https://ctan.org/pkg/lshort-estonian>  
 MIRROR: <https://mirror.ctan.org/info/lshort/estonian>
- Palmer, Michael. *The mol2chemfig package. Convert chemical structures from MDL molfile format to chemfig source code*. 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  $\TeX$  format for processing using .  
 URL: <https://ctan.org/pkg/mol2chemfig>  
 MIRROR: <https://mirror.ctan.org/graphics/mol2chemfig>
- *The pdfreview package*. Annotate PDF files with margin notes. 2019-02-22. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pdfreview>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfreview>
  - 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  $\TeX$  mode with "lightning completion". 2016-06-24. LICENSE: gpl. Ultra-TeX is an Emacs mode, a distant relation of , with several enhancements (relative to the version it started from) and with a "lightning completion" mode that doesn't wait for a request for completion (the request is typically expressed by pressing the tab key).  
 URL: <https://ctan.org/pkg/ultratex>  
 MIRROR: <https://mirror.ctan.org/support/ultratex>
  - Pamp, Quirin. *The frege package*. Typeset fregean Begriffsschrift. 2016-06-24. Version 1.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/frege>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frege>
  - Pan, Shengjun. *The lmake package*. Process lists to do repetitive actions. 2016-06-24. Version 1.0. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/lmake>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmake>
  - *The meper package*. MetaPost editor and previewer. 2017-04-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/meper>  
 MIRROR: <https://mirror.ctan.org/support/meper>
  - Panagopoulos, George. *The db package*. Process simple databases inside  $\LaTeX$ . 2016-06-24. Version 2.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/db>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/db.sty>
  - Pandey, Anshuman. *The gurmukhi package*. Support for Gurmukhi. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/gurmukhi>  
 MIRROR: <https://mirror.ctan.org/language/gurmukhi/pandey>
  - *The wnri-latex package*.  $\LaTeX$  support for wnri fonts. 2018-01-06. Version 1.0b. LICENSE: gpl2.  $\LaTeX$  support for the fonts.  
 URL: <https://ctan.org/pkg/wnri-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wnri-latex>
  - Pandey, Anshuman and Abhijit Das. *The bengali-pandey package*. Support for the Bengali language. 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/bengali-pandey>  
 MIRROR: <https://mirror.ctan.org/language/bengali/pandey>
  - Panov, Andrey and Nikola Lečić. *The cm-unicode package*. Computer Modern Unicode font family. 2021-03-10. Version 0.7.0. LICENSE: ofl  
 URL: <https://ctan.org/pkg/cm-unicode>  
 MIRROR: <https://mirror.ctan.org/fonts/cm-unicode>
  - Pantieri, Lorenzo. *The ArsClassica package*. A different view of the ClassicThesis package. 2017-10-31. LICENSE: lppl. The package changes some typographical points of the ClassicThesis style, by André Miede. It enables the user to reproduce the look of the guide (the web page is in Italian).  
 URL: <https://ctan.org/pkg/arsclassica>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arsclassica>
  - Pantigny, François. *The cascade package*. Constructions with braces to present mathematical demonstrations. 2023-02-08. Version 1.2a. LICENSE: lppl1.3  
 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. 2023-06-04. Version 6.20. 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. 2023-05-03. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/piton>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/piton>



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 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  
 URL: <https://ctan.org/pkg/ametsoc>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ametsoc>
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 URL: <https://ctan.org/pkg/bodegraph>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/bodegraph>
- *The grafcet package*. Draw Grafcet/SFC with TikZ. 2018-01-17. Version 1.3.5. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/grafcet>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/grafcet>
  - *The schemabloc package*. Draw block diagrams, using TikZ. 2021-02-26. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/schemabloc>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/schemabloc>
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 URL: <https://ctan.org/pkg/latex2nemeth>  
 MIRROR: <https://mirror.ctan.org/support/latex2nemeth>
- ParaGraph International, Vladimir Volovich, and Anatoliy A. Malyarenko. *The literaturnaya package*. The Literaturnaya family of fonts. 2021-09-11. Version 0.2. LICENSE: nosell  
 URL: <https://ctan.org/pkg/literaturnaya>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/literat>
- Parashchenko, Oleg. *The cals package*. Multipage tables with wide range of features. 2017-01-20. Version 2.4.2. LICENSE: lppl1.3. The package is a set of macros to typeset multipage tables with repeatable headers and footers, with cells spanned over rows and columns. Decorations are supported: padding, background color, width of separation rules. The code is compatible with and .  
 URL: <https://ctan.org/pkg/cals>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cals>
- *The parades package*. Tabulators and space between paragraphs in galley approach. 2016-06-24. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/parades>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/parades>
- Park, William. *The pictex2 package*. Adds relative coordinates and improves the \plot command. 2016-06-24. LICENSE: lppl. Adds two user commands to standard . One command uses relative coordinates, thus eliminating the need to calculate the coordinate of every point manually as in standard PiCTeX. The other command modifies to use a rule instead of dots if the line segment is horizontal or vertical.  
 URL: <https://ctan.org/pkg/pictex2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pictex2/pictex2.sty>
- Park, William and Dominique Unruh. *The braille package*. Support for braille. 2016-06-24. LICENSE: lppl1.3. This package allows the user to produce Braille documents on paper for the blind without knowing Braille (which can take years to learn). Python scripts and convert ordinary text to grade 1 and 2 Braille tags; then, the L<sup>A</sup>T<sub>E</sub>X package takes the tags and prints out corresponding Braille symbols.  
 URL: <https://ctan.org/pkg/braille>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/braille>
- Parry, Chad. *The bibleref-lds package*. Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bibleref-lds>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-lds>
- Parry, Chad. *The bibleref-mouth package*. Consistent formatting of Bible references. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows Bible references to be formatted in a consistent way. It is similar to the bibleref package, except that the formatting



macros are all purely expandable — that is, they are all implemented in  $\text{\TeX}$ 's mouth. This means that they can be used in any expandable context, such as an argument to a command.

URL: <https://ctan.org/pkg/bibleref-mouth>

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

Parsloe, Andrew. *The diffcoeff package. Write differential coefficients easily and consistently.* 2023-04-12. Version 5.3. LICENSE: lppl1.3c

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

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

— *The numerica package. Numerically evaluate mathematical expressions in  $\text{\LaTeX}$  form.* 2021-12-12. Version 2.0.0. 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.* 2021-12-15. Version 2.0.0. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/numerica-plus>

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

— *The numerica-tables package. Create multi-column tables of mathematical functions.* 2021-12-15. Version 2.0.0. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/numerica-tables>

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

Parsons, Josh. *The 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  $\text{\LaTeX}$  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  $\text{\LaTeX}$ .* 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  $\text{\LaTeX}$  documents. It is similar in spirit to Literate Haskell and lhs2TeX.

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

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

Pasquet, Stéphane. *The pas-cours package. Macros useful in preparing teaching material.* 2020-07-16. Version 1.9. LICENSE: lppl

URL: <https://ctan.org/pkg/pas-cours>

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

— *The pas-crosswords package. Creating crossword grids, using TikZ.* 2016-06-24. Version 1.03. LICENSE: lppl

URL: <https://ctan.org/pkg/pas-crosswords>

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

— *The pas-cv package. Flexible typesetting of Curricula Vitae.* 2016-06-24. Version 2.01. LICENSE: lppl

URL: <https://ctan.org/pkg/pas-cv>

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

— *The pas-tableur package. Create a spreadsheet layout.* 2023-04-16. Version 2.05. LICENSE: lppl

URL: <https://ctan.org/pkg/pas-tableur>

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

Patashnik, Oren. *The bibtex package. Process bibliographies (bib files) for  $\text{\LaTeX}$  or other formats.* 2022-09-15. Version 0.99d. LICENSE: knuth

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

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

Pate, John. *The screenplay package. A class file to typeset screenplays.* 2016-06-24. Version 1.6. LICENSE: gpl

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

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

Patel-Schneider, Peter. *The aaai package. AAAI style.* 2016-06-24. LICENSE: noinfo

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

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

- Patel-Schneider, Peter. *The aaai-named package. BibTeX style for AAAI*. 2019-10-23. LICENSE: other-free. A BibTeX style derived from the standard master, presumably for use with the package.  
 URL: <https://ctan.org/pkg/aaai-named>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/aaai-named.bst>
- *The ijcai89 package. Format papers for IJCAI 1989*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ijcai89>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/ijcai89>
  - *The named package. "Named" bibliography style*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/named>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/named>
- Paternault, Louis. *The graph35 package. Draw keys and screen items of several Casio calculators*. 2023-04-04. Version 0.1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/graph35>  
 MIRROR: <https://mirror.ctan.org/graphics/graph35>
- *The pixelart package. Draw pixel-art pictures*. 2023-02-20. Version 1.0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pixelart>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pixelart>
  - *The SpiX package. Yet another T<sub>E</sub>X compilation tool: simple, human readable, no option, no magic*. 2022-11-18. Version 1.3.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/spix>  
 MIRROR: <https://mirror.ctan.org/support/spix>
  - *The thalie package. Typeset drama plays*. 2022-12-11. Version 0.13a. LICENSE: lppl1.3. The package provides tools to typeset drama plays. It defines commands to introduce characters' lines, to render stage directions, to divide a play into acts and scenes and to build the automatically.  
 URL: <https://ctan.org/pkg/thalie>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thalie>
- Pearlmutter, Barak A. *The bibfile-reformat-pages package. Puts .bib file page ranges into uniform format*. 2016-06-24. LICENSE: gpl. This is a small gawk script to put all the page ranges in a file into a uniform format, either 1234-1256 or upon request 1234-56; null ranges such as 1234-1234 are always scrunched to just 1234. The script squeezes out spaces around the separator; can make all separators one- or two-hyphens upon request. The script is very conservative: it is probably impossible for it actually to mess up a file.  
 URL: <https://ctan.org/pkg/bibfile-reformat-pages>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibfile-reformat-pages/bibfile-reformat-pages>
- Pearson, George. *The asaetr package. Transactions of the ASAE*. 2016-06-24. Version 1.0a. LICENSE: pd  
 URL: <https://ctan.org/pkg/asaetr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/asaetr>
- *The scientificviewer package. MacKichan software viewer*. 2016-06-24. LICENSE: nosource  
 URL: <https://ctan.org/pkg/scientificviewer>  
 MIRROR: <https://mirror.ctan.org/systems/win32/scientificviewer>
- Pease, Emma. *The phonetic package. Metafont Phonetic fonts, based on Computer Modern*. 2020-09-26. LICENSE: lppl  
 URL: <https://ctan.org/pkg/phonetic>  
 MIRROR: <https://mirror.ctan.org/fonts/phonetic>
- *The tree-dvips package. Trees and other linguists' macros*. 2016-06-24. Version .91. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/tree-dvips>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/trees/tree-dvips>
- Péault, Olivier. *The mptrees package. Probability trees with MetaPost*. 2023-04-27. Version 23.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mptrees>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mptrees>
- *The repere package. MetaPost macros for secondary school mathematics teachers*. 2023-05-03. Version 23.05.b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/repere>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/repere>
- Pecher, Charles. *The outlines package. Produce "outline" lists*. 2016-06-24. Version 1.1. LICENSE: lppl. Defines an outline environment, which allows outline-style indented lists with freely mixed levels up to four levels deep. It replaces the nested / pairs by different item tags to for each nesting level. This is very convenient in cases where nested lists are used a lot, such as for to-do lists or presentation slides.

- URL: <https://ctan.org/pkg/outlines>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/outlines>
- Pedersen, Bjørn. *The bpchem package. Typeset chemical names, formulae, etc.* 2017-08-23. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/bpchem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bpchem>
- *The delimtxt package. Read and parse text tables.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/delimtxt>  
MIRROR: <https://mirror.ctan.org/macros/latex/exptl/delimtxt>
  - *The dnaseq package. Format DNA base sequences.* 2016-06-24. Version 0.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/dnaseq>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dnaseq>
  - *The gradback package. Gradient backgrounds for dvips output.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/gradback>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradback>
  - *The serial package. Generate serial letters.* 2016-06-24. LICENSE: lppl. The serial package provides a wrapper to the letter class for the generation of serial letters. It contains different interfaces to data base generated adress files. Additionally, a configuration file allows easy customization of the letterheads etc. Requires from and the following are recommended: , , .  
URL: <https://ctan.org/pkg/serial>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/serial>
- Pedersen, Lucas Alexander V. *The ku-template package. Copenhagen University or faculty logo for front page.* 2017-11-28. Version 0.02. LICENSE: mit  
URL: <https://ctan.org/pkg/ku-template>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ku-template>
- Peeters, Kasper. *The gchords package. Typeset guitar chords.* 2017-04-18. Version 1.20. LICENSE: gpl  
URL: <https://ctan.org/pkg/gchords>  
MIRROR: <https://mirror.ctan.org/graphics/gchords>
- Pégourié-Gonnard, Manuel. *The luacode package. Helper for executing lua code from within T<sub>E</sub>X.* 2016-06-24. Version 1.2a. LICENSE: lppl1.3. Executing Lua code from within T<sub>E</sub>X with can sometimes be tricky: there is no easy way to use the percent character, counting backslashes may be hard, and Lua comments don't work the way you expect. The package provides the command and the () environments to help with these problems.  
URL: <https://ctan.org/pkg/luacode>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luacode>
- *The lualatex-doc package. A guide to use of L<sup>A</sup>T<sub>E</sub>X with LuaT<sub>E</sub>X.* 2016-06-24. LICENSE: fdl  
URL: <https://ctan.org/pkg/lualatex-doc>  
MIRROR: <https://mirror.ctan.org/info/luatex/lualatex-doc>
  - *The pdf14 package. Restore PDF 1.4 to a T<sub>E</sub>X live 2010 format.* 2016-06-24. Version 0.1. LICENSE: lppl1.3. Starting with T<sub>E</sub>X Live 2010, the various formats, that directly generate PDF, default to generating PDF 1.5. This is generally a , but it can lead to compatibility issues with some older PDF viewers. This package changes the version of PDF generated with formats (based on pdfT<sub>E</sub>X or LuaT<sub>E</sub>X in PDF mode), back to 1.4 for documents that need to achieve maximal compatibility with old viewers.  
URL: <https://ctan.org/pkg/pdf14>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdf14>
  - *The show2e package. Variants of \show for L<sup>A</sup>T<sub>E</sub>X2e.* 2016-06-24. Version 1.0. LICENSE: lppl. This small package aims at making debugging (especially in an interactive way) easier, by providing variants suited to L<sup>A</sup>T<sub>E</sub>X2e commands (whether with optional arguments or robust) and environments. The variant commands also display the internal macros used by such commands, if any. The variant helps with macros with exotic names.  
URL: <https://ctan.org/pkg/show2e>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/show2e>
  - *The ted package. A (primitive) token list editor.* 2016-06-24. Version 1.06. LICENSE: lppl  
URL: <https://ctan.org/pkg/ted>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ted>
  - *The xargs package. Define commands with many optional arguments.* 2016-06-24. Version 1.1. LICENSE: lppl. The package provides extended versions of and related L<sup>A</sup>T<sub>E</sub>X commands, which allow easy and robust definition of macros with many optional arguments, using a clear and simple -style syntax.  
URL: <https://ctan.org/pkg/xargs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xargs>

- Pégourié-Gonnard, Manuel, Philipp Gesang, Élie Roux, David Carlisle, and Joseph Wright. *The luatexbase package. Basic resource management for LuaTeX code*. 2016-06-24. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luatexbase>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luatexbase>
- Pégourié-Gonnard, Manuel and Christine Römer. *The lualatex-doc-de package. Guide to LuaL<sup>A</sup>T<sub>E</sub>X (German translation)*. 2016-06-24. Version 1.0. LICENSE: fdl. The document is a German translation of the . Coverage supports both new users and package developers. Apart from the introductory material, the document gathers information from several sources, and offers links to others.  
 URL: <https://ctan.org/pkg/lualatex-doc-de>  
 MIRROR: <https://mirror.ctan.org/info/luatex/lualatex-doc-de>
- Peischl, Marei. *The bfh-ci package. Corporate Design for Bern University of Applied Sciences*. 2023-03-07. Version 2.1.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/bfh-ci>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bfh-ci>
- *The mucproc package. Conference proceedings for the German MuC-conference*. 2017-04-18. Version 1.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/mucproc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mucproc>
  - *The tuda-ci package. L<sup>A</sup>T<sub>E</sub>X templates of Technische Universität Darmstadt*. 2023-04-25. Version 3.30. 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*. 2023-03-02. Version 2.00. LICENSE: lppl1.3c,bsd3  
 URL: <https://ctan.org/pkg/qrbill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrbill>
- Peise, Elmar. *The drawmatrix package. Draw visual representations of matrices in L<sup>A</sup>T<sub>E</sub>X*. 2017-06-05. Version 1.5.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/drawmatrix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drawmatrix>
- Penninga, Marc. *The fontools package. Tools to simplify using fonts (especially TT/OTF ones)*. 2023-02-01. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/fontools>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/fontools>
- *The truetypemetrics package. Metrics for some TrueType font families*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/truetypemetrics>  
 MIRROR: <https://mirror.ctan.org/fonts/truetypemetrics>
- Pepping, Simon. *The ifacmtg package. Elsevier Science preprint style for IFAC meetings*. 2016-06-24. LICENSE: other-nonfree. To prepare a paper for an IFAC meeting, using L<sup>A</sup>T<sub>E</sub>X, the author needs a bibliography style such as .  
 URL: <https://ctan.org/pkg/ifacmtg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifacmtg>
- Peregoudov, Iliya. *The cmcyr-patch package. A set of Type 1 Cyrillic fonts*. 2016-06-24. LICENSE: noinfo. This is a set of fonts, derived from a set within the ; the originals had encoding problems, and the package offers modified (working) versions.  
 URL: <https://ctan.org/pkg/cmcyr-patch>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr-encoding-patch>
- Pereira, Gilles. *The CVsty package. Yet another style for easy CV pagination*. 2019-02-03. LICENSE: pd  
 URL: <https://ctan.org/pkg/cvsty>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cvsty>
- Perez-Duarte, Sebastien. *The ecta package. Bibliography style for submission to Econometrica*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ecta>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/economic/ecta.bst>
- Peron, Jacques. *The luaoptions package. Option handling for 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>
- Pfennig, 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.* 2023-03-22. Version 2.2.0. 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>
- *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>
- Pichaureau, Paul. *The mathdesign package. Mathematical fonts to fit with particular text fonts*. 2016-06-24. Version 2.31. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mathdesign>  
 MIRROR: <https://mirror.ctan.org/fonts/mathdesign>
- *The Winfonts package. Use fonts distributed with Windows XP*. 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/winfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/winfonts>
- Piefel, Michael. *The lgrind package. Produce beautiful listings of source code with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 3.67. LICENSE: other-nonfree  
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 MIRROR: <https://mirror.ctan.org/support/lgrind>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schule>
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 URL: <https://ctan.org/pkg/syntaxdi>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/syntaxdi>
- Pierquet, Cédric. *The FenetreCas package. Commands for CAS-like windows (Xcas or Geogebra) in TikZ*. 2023-06-14. Version 0.1.3. 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>
- *The JeuxCartes package. Macros to insert playing cards*. 2023-06-07. Version 0.2.5. 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>  
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  - *The OutilsGeomTikZ package. Some geometric tools, with TikZ*. 2023-05-22. Version 0.1.2. 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/outilsgeomtikz>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/outilsgeomtikz>
  - *The PixelArtTikz package. Work with PixelArts, with TikZ*. 2023-04-19. Version 0.1.1. 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*. 2023-06-12. 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*. 2023-06-15. Version 2.7.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/proflycee>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proflycee>
  - *The quizztex package. Create quizzes like in TV shows*. 2023-06-14. Version 0.1.1. 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>  
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 URL: <https://ctan.org/pkg/scrabble>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/scrabble>
- Pierquet, Cédric. *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>
- *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). 2023-05-29. 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. 2023-05-24. Version 0.1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikz3d-fr>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz3d-fr>
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 URL: <https://ctan.org/pkg/writeongrid>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/writeongrid>
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 URL: <https://ctan.org/pkg/dynamicnumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dynamicnumber>
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- *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>
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 URL: <https://ctan.org/pkg/uwa-pcf>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-pcf>
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 URL: <https://ctan.org/pkg/newproof>  
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  - *The textmerg package. Merge text in  $\TeX$  and  $\LaTeX$* . 2018-09-15. Version 2.01. LICENSE: pd  
 URL: <https://ctan.org/pkg/textmerg>  
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 URL: <https://ctan.org/pkg/ccllicenses>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccllicenses>
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 URL: <https://ctan.org/pkg/combelow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combelow>
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 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)
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 URL: <https://ctan.org/pkg/mpdinbrief>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mpdinbrief>
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- *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>
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 URL: <https://ctan.org/pkg/icehyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/icehyph.tex>
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- Pinson, Raphaël. *The fancytabs package. Fancy page border tabs*. 2016-06-27. Version 1.9. LICENSE: lppl1.3  
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- *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 impnattyto package. Support typography of l’Imprimerie Nationale Française*. 2019-03-04. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/impnattyto>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/impnattyto>
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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>  
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- Piška, 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>  
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URL: <https://ctan.org/pkg/cleveref-usedon>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cleveref-usedon>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ut-thesis>
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- Pittman, John E. and Neil Bursleson. *The declare package. Declare register names locally*. 2019-09-28. LICENSE: noinfo  
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MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/declare.tex>
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URL: <https://ctan.org/pkg/csindex>  
MIRROR: <https://mirror.ctan.org/macros/cstex/base/csindex-19980713.tar.gz>
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URL: <https://ctan.org/pkg/lshort-slovenian>  
MIRROR: <https://mirror.ctan.org/info/lshort/slovenian>
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- 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>  
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- 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-image-labels 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 . This may be used to label certain features in an image.  
URL: <https://ctan.org/pkg/tikz-image-labels>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-image-labels>
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URL: <https://ctan.org/pkg/silence>  
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URL: <https://ctan.org/pkg/epic>  
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  - *The tape package. Generate cassette labels from a simple database*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/tape>  
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URL: <https://ctan.org/pkg/u8tex>  
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- Poland, Jan. *The FigBib package. Organize figure databases with BibT<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
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- Polli, Demerson Andre. *The lshort-portuguese-br package. Introduction to L<sup>A</sup>T<sub>E</sub>X in Portuguese (Brazil)*. 2016-06-24. Version 3.20. LICENSE: pd. This is the Brazilian Portuguese translation of .  
URL: <https://ctan.org/pkg/lshort-portuguese-br>  
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- Polyakov, Maksym. *The lshort-ukr package. Ukrainian version of the L<sup>A</sup>T<sub>E</sub>X introduction*. 2020-06-17. Version 4.00. LICENSE: other-free. Ukrainian version of  
URL: <https://ctan.org/pkg/lshort-ukr>  
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- Polyakov, Maksym and Igor A. Kotelnikov. *The gost package. BibT<sub>E</sub>X styles to format according to GOST*. 2021-02-11. Version 1.2l. LICENSE: lppl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/generic/petri-nets>
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URL: <https://ctan.org/pkg/fvextra>  
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- *The pythontex package. Run Python from within a document, typesetting the results*. 2021-06-07. Version 0.18. LICENSE: lppl1.3  
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URL: <https://ctan.org/pkg/minted>  
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 URL: <https://ctan.org/pkg/euxunicode>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euenc>
- Robertson, Will. *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 `\setleading`, whose argument is a that specifies the nominal distance between consecutive baselines of typeset text. The command replaces the rather more difficult  $\LaTeX$  command `\setlength`, where the leading is specified by reference to the font size.  
URL: <https://ctan.org/pkg/leading>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leading>
  - *The minibox package*. A simple type of box for  $\LaTeX$ . 2016-06-24. Version 0.2a. LICENSE: lppl  
URL: <https://ctan.org/pkg/minibox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minibox>
  - *The mlist package*. Logical markup for lists. 2016-06-24. Version 0.6a. LICENSE: lppl  
URL: <https://ctan.org/pkg/mlist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mlist>
  - *The pracjourn package*. Typeset articles for *PracTeX*. 2021-08-26. Version 0.4n. LICENSE: gpl  
URL: <https://ctan.org/pkg/pracjourn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pracjourn>
  - *The realscripts package*. Access OpenType subscript and superscript glyphs. 2020-09-26. Version 0.3d. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/realscripts>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/realscripts>
  - *The subdepth package*. Unify maths subscript height. 2016-06-24. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/subdepth>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subdepth>
  - *The trimspaces package*. Trim spaces around an argument or within a macro. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/trimspaces>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/trimspaces>
  - *The vwc1 package*. Variable-width multiple text columns. 2018-01-06. Version 0.2. LICENSE: lppl1.3. The package provides a crude environment `\vwc` for typesetting multicolumn paragraph text of various column widths on a single page.  
URL: <https://ctan.org/pkg/vwc1>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vwc1>
  - *The XeTeXref package*. Reference documentation of *XeTeX*. 2023-02-20. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xetexref>  
MIRROR: <https://mirror.ctan.org/info/xetexref>
  - *The xltextra package*. “Extras” for  $\LaTeX$  users of *XeTeX*. 2020-09-26. Version 0.7. LICENSE: lppl1.3c. This package was previously used to provide a number of features that were useful for typesetting documents with  $\LaTeX$ . 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 `amstex`, `amstex`, and `amstex` packages; redefine so it works correctly; and define two extra commands: `\xltextra` and `\xltextra`.  
URL: <https://ctan.org/pkg/xltextra>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xltextra>
- Robertson, Will and Kevin Godby. *The hardwrap package*. Hard wrap text to a certain character length. 2018-01-06. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hardwrap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hardwrap>
- Robertson, Will and Johannes Große. *The ifplatform package*. Conditionals to test which platform is being used. 2017-12-07. Version 0.4a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/ifplatform>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifplatform>
- Robertson, Will and Khaled Hosny. *The unicode-math package*. Unicode mathematics support for *XeTeX* and *LuaTeX*. 2021-08-26. Version 0.8q. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/unicode-math>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/unicode-math>
- Robertson, Will and Zebb Prime. *The pstool package*. Support for *psfrag* within *pdfLaTeX*. 2018-01-20. Version 1.5e. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pstool>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pstool>

- Robertson, Will, Élie Roux, and Khaled Hosny. *The EUenc package. Unicode font encoding definitions for XeTeX*. 2016-10-08. Version 0.1h. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/euenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euenc>
- Robertson, Will and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The fontspec package. Advanced font selection in X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaLaTeX*. 2022-05-18. Version 2.8a. LICENSE: lpl1.3c  
 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: lpl1  
 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: lpl1  
 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: lpl1.3c. 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: lpl1.3  
 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: lpl1.3  
 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: lpl1.3  
 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: lpl1.3  
 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: lpl1. Defines commands (which sets up a counter to be reset when another is incremented) and (which unsets such a relationship).  
 URL: <https://ctan.org/pkg/chngcntr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chngcntr>
  - *The chngpage package. Change the page layout in the middle of a document*. 2016-06-24. Version 1.2b. LICENSE: lpl1.3. 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: lpl1.3. The combine class lets you bundle individual documents into a single document, such as when preparing a conference proceedings. The auxiliary combinat package puts the titles and authors from commands into the main document’s Table of Contents. The package cooperates with the and packages.  
 URL: <https://ctan.org/pkg/combine>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combine>
  - *The docmfp package. Document non-L<sup>A</sup>T<sub>E</sub>X code*. 2016-06-24. Version 1.2d. LICENSE: lpl1. Extends the package to cater for documenting non-L<sup>A</sup>T<sub>E</sub>X code, such as Metafont or MetaPost, or other programming languages.  
 URL: <https://ctan.org/pkg/docmfp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docmfp>
- Robertson, Will and Peter R. Wilson. *The epigraph package. A package for typesetting epigraphs*. 2020-04-23. Version 1.5e. LICENSE: lpl1.3c

- URL: <https://ctan.org/pkg/epigraph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epigraph>
- *The fonttable package*. Print font tables from a L<sup>A</sup>T<sub>E</sub>X document. 2017-07-14. Version 1.6c. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fonttable>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fonttable>
  - *The hanging package*. Hanging paragraphs. 2016-06-24. Version 1.2b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hanging>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hanging>
  - *The hyphenat package*. Disable/enable hyphenation. 2016-06-24. Version 2.3c. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hyphenat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyphenat>
  - *The ifmtarg package*. If-then-else command for processing potentially empty arguments. 2018-04-16. Version 1.2b. LICENSE: lppl  
URL: <https://ctan.org/pkg/ifmtarg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifmtarg>
  - *The layouts package*. Display various elements of a document's layout. 2016-06-24. Version 2.6d. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/layouts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/layouts>
  - *The makecmds package*. The new \makecommand command always (re)defines a command. 2016-06-24. LICENSE: lppl. The package provides a command, which is like except it always (re)defines a command. There is also and for environments.  
URL: <https://ctan.org/pkg/makecmds>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makecmds>
  - *The midpage package*. Environment for vertical centring. 2016-06-24. Version 1.1a. LICENSE: lppl. The environment will centre text, if immediately preceded and followed by .  
URL: <https://ctan.org/pkg/midpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/midpage>
  - *The needspace package*. Insert pagebreak if not enough space. 2016-06-24. Version 1.3d. LICENSE: lppl  
URL: <https://ctan.org/pkg/needspace>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/needspace>
  - *The newfile package*. User level management of L<sup>A</sup>T<sub>E</sub>X input and output. 2016-06-24. Version 1.0c. LICENSE: lppl. Commands are defined to manage the limited pool of input and output handles provided by T<sub>E</sub>X. The so provided are mapped to various of the L<sup>A</sup>T<sub>E</sub>X input and output mechanisms. Some facilities of the package are also mapped.  
URL: <https://ctan.org/pkg/newfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newfile>
  - *The nextpage package*. Generalisations of the page advance commands. 2016-07-17. Version 1.1a. LICENSE: lppl. Provides and variants that guarantee to end up on even/odd numbered pages; these 4 commands all have an optional argument whose content will be placed on any “empty” page generated.  
URL: <https://ctan.org/pkg/nextpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/nextpage.sty>
  - *The pagenote package*. Notes at end of document. 2022-06-09. Version 1.1a. LICENSE: lppl1.3. The pagenote package provides tagged notes on a separate page (also known as ‘end notes’). Unless the class is used, the package requires the package.  
URL: <https://ctan.org/pkg/pagenote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagenote>
  - *The romannum package*. Generate roman numerals instead of arabic digits. 2016-06-24. Version 1.0b. LICENSE: lppl. The romannum package changes L<sup>A</sup>T<sub>E</sub>X generated numbers to be printed with roman numerals instead of arabic digits. It requires the package. Users of the fonts may find this package useful.  
URL: <https://ctan.org/pkg/romannum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romannum>
  - *The stdclsdv package*. Provide sectioning information for package writers. 2016-06-24. Version 1.1a. LICENSE: lppl  
URL: <https://ctan.org/pkg/stdclsdv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stdclsdv>
- Robertson, Will and Peter R. Wilson. *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: lpl  
 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: lpl1.3c. 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: lpl1.3  
 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: lpl  
 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: lpl1.3c. 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: lpl. 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: lpl. 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: lpl1.3c  
 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: lpl1.3  
 URL: <https://ctan.org/pkg/flowchart>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/flowchart>
- *The makeshape package. Declare new PGF shapes.* 2016-06-24. Version 2.1. LICENSE: lpl1.3  
 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: lpl. 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: lpl1.3  
 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: lpl  
 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: lpl  
 URL: <https://ctan.org/pkg/texcount>  
 MIRROR: <https://mirror.ctan.org/support/texcount>

- Rodrigues, Vinícius Barros. *The ecothesis package. L<sup>A</sup>T<sub>E</sub>X thesis template for the Universidade Federal de Viçosa (UFV), Brazil*. 2018-06-20. Version 1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ecothesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecothesis>
- Rodriguez, Dominique and Herbert Voß. *The pst-eucl package. Euclidian geometry with PSTricks*. 2023-04-19. Version 1.77. LICENSE: lppl. The package allows the drawing of Euclidean geometric figures using T<sub>E</sub>X macros for specifying mathematical constraints. It is thus possible to build point using common transformations or intersections. The use of coordinates is limited to points which controlled the figure.  
 URL: <https://ctan.org/pkg/pst-eucl>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eucl>
- Rodriguez, M. César. *The emerald package. Support for the free emerald city fontwerks fonts*. 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/emerald>  
 MIRROR: <https://mirror.ctan.org/fonts/emerald>
- Roegel, Denis B. *The aeguill package. Add several kinds of guillemets to the ae fonts*. 2016-06-24. LICENSE: lppl. The package enables the user to add guillemets from several source (Polish cmr, Cyrillic cmr, lasy and ec) to the fonts. This was useful when the ae fonts were used to produce PDF files, since the additional guillemets exist in fonts available in Adobe Type 1 format.  
 URL: <https://ctan.org/pkg/aeguill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aeguill>
- *The garrigues package. MetaPost macros for the reproduction of Garrigues’ Easter nomogram*. 2021-08-26. LICENSE: lppl  
 URL: <https://ctan.org/pkg/garrigues>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/garrigues>
  - *The genealogy package. A compilation genealogy font*. 2017-02-19. LICENSE: lppl  
 URL: <https://ctan.org/pkg/genealogy>  
 MIRROR: <https://mirror.ctan.org/fonts/genealogy>
  - *The metaobj package. MetaPost package providing high-level objects*. 2016-06-24. Version 0.93. LICENSE: lppl  
 URL: <https://ctan.org/pkg/metaobj>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/metaobj>
  - *The pi package. Calculate pi*. 2019-10-01. Version 0.993. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pi>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/pi.tex>
  - *The suanpan package. MetaPost macros for drawing Chinese and Japanese abaci*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/suanpan>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/suanpan>
  - *The threed package. 3D animations*. 2016-06-24. Version 1.34. LICENSE: lppl. Create animations of 3-dimensional objects (such as polyhedra) in .  
 URL: <https://ctan.org/pkg/mp3d>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mp3d>
  - *The truchet package. Truchet tiling in MetaPost*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/truchet>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/truchet>
- Roegel, Denis B. and Andrej Brodnik. *The ipa package. L<sup>A</sup>T<sub>E</sub>X macros for using WSUIPA fonts*. 2019-06-21. Version 1.0. LICENSE: noinfo. The package comprises alternative L<sup>A</sup>T<sub>E</sub>X support of the fonts. On CTAN (and in the T<sub>E</sub>X Live distribution), these macros are to be found with the fonts themselves.  
 URL: <https://ctan.org/pkg/ipa>  
 MIRROR: <https://mirror.ctan.org/fonts/wsuiipa>
- Rogalla, Michael. *The REdit package. Menu-based editor*. 2016-06-24. Version 2.10. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/redit>  
 MIRROR: <https://mirror.ctan.org/support/redit>
- Rogard, Erwann. *The ccool package. A key-value document command parser*. 2021-09-24. Version 3.2. LICENSE: lppl1.3c. This package provides a key-value interface, , on top of xparse’s document command parser. Global options control input processing and its expansion. By default, they are set to meet likely requirements, depending on context: the selected language, and which of text and math mode is active. These options can be overridden inline. This versatility could find its use, for example, to encode notational conventions (such as  $\rightarrow$ ) at the point where they are introduced in the document (“Let R denote real numbers”). Polymorphic commands can be generated by parameterizing the keys (for instance, one parameter value for style, another for a property). User input to can optionally be serialized. This can useful for typesetting documents sharing the same notation.



- URL: <https://ctan.org/pkg/ccool>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccool>
- *The clistmap package*. Map and iterate over L<sup>A</sup>T<sub>E</sub>X3 clists. 2022-02-08. Version 1.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/clistmap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clistmap>
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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>
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URL: <https://ctan.org/pkg/collect>  
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- *The metainfo package. Typeset document outline with metainfo*. 2016-06-24. Version 0.9.1. LICENSE: lppl. The package picks up  $\TeX$  comments in document that are structured according to its rules, and typesets them. Operation is (typically in a separate document).  
URL: <https://ctan.org/pkg/metainfo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
- *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>
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URL: <https://ctan.org/pkg/zahl2string>  
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 MIRROR: <https://mirror.ctan.org/fonts/cm/sauter>
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 URL: <https://ctan.org/pkg/gahyph>  
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- Scarso, Luigi and Idris Samawi Hamid. *The npp-for-context package. ConTeXt plugin for Notepad++*. 2023-03-20. Version 0.98. LICENSE: noinfo  
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 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>
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 URL: <https://ctan.org/pkg/jacow>  
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 URL: <https://ctan.org/pkg/aichej>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/aichej.bst>
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 URL: <https://ctan.org/pkg/loval>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/loval>
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 URL: <https://ctan.org/pkg/oval>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/oval>
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 URL: <https://ctan.org/pkg/window>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/window>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paralist>
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 URL: <https://ctan.org/pkg/adjustbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adjustbox>
- *The collcell package. Collect contents of a tabular cell as argument to a macro*. 2022-10-26. Version 0.5. LICENSE: lppl1.3. The package provides macros that collect the content of a cell, and offer them as an argument to a macro. Special care is taken to remove all aligning macros inserted by from the cell content. The macros also work in the last column of a table, but do not support verbatim material inside the cells.  
 URL: <https://ctan.org/pkg/collcell>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/collcell>
- Scharrer, Martin. *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>
- *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>
- Scharrer, Martin. *The mwe package. Packages and image files for MWEs.* 2022-10-26. Version 0.5. LICENSE: lppl1.3. The bundle provides several files useful when creating a minimal working example (MWE). The package itself loads a small set of packages often used when creating MWEs. In addition, a range of images are provided, which will be installed in the tree, so that they may be used in any (La)T<sub>E</sub>X document. This allows different users to share MWEs which include image commands, without the need to share image files or to use replacement code.  
 URL: <https://ctan.org/pkg/mwe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mwe>

- *The newverbs package*. Define new versions of `\verb`, including short verb versions. 2022-10-26. Version 1.6a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/newverbs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newverbs>
  - *The rcs-multi package*. Typeset RCS version control in multiple-file documents. 2022-10-26. Version 0.1a. LICENSE: lppl  
URL: <https://ctan.org/pkg/rcs-multi>  
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  - *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>
  - *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>
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URL: <https://ctan.org/pkg/nameauth>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nameauth>
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URL: <https://ctan.org/pkg/schemata>  
MIRROR: <https://mirror.ctan.org/macros/generic/schemata>
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URL: <https://ctan.org/pkg/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>
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 URL: <https://ctan.org/pkg/miktex>  
 MIRROR: <https://mirror.ctan.org/systems/win32/miktex>
- *The miktex-portable package. A version of MikTeX to carry around*. 2022-10-29. Version 22.10. LICENSE: other-free. The portable edition allows you to run MiKTeX from a portable storage device. Please note that there is no separate installer. Just download the standard installer and rename it to .  
 URL: <https://ctan.org/pkg/miktex-portable>  
 MIRROR: <https://mirror.ctan.org/systems/win32/miktex/setup/windows-x64/basic-miktex-22.10-x64.exe>
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 URL: <https://ctan.org/pkg/chembst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chembst>
- *The chemcompounds package. Simple consecutive numbering of chemical compounds*. 2016-06-24. LICENSE: lppl. The chemcompounds package allows for a simple consecutive numbering of chemical compounds. Optionally, it is possible to supply a custom name for each compound. The package differs from the package by not generating an odd-looking list of compounds inside the text.  
 URL: <https://ctan.org/pkg/chemcompounds>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemcompounds>
- 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*. 2023-06-15. Version 2.1. LICENSE: pd,knuth  
 URL: <https://ctan.org/pkg/knuth-hint>  
 MIRROR: <https://mirror.ctan.org/info/knuth-hint>
  - *The knuth-pdf package. PDF collection of typeset C/WEB sources in T<sub>E</sub>X Live*. 2023-06-11. Version 2.1. LICENSE: pd  
 URL: <https://ctan.org/pkg/knuth-pdf>  
 MIRROR: <https://mirror.ctan.org/info/knuth-pdf>
  - *The pwebmac package. Consolidated WEB macros for DVI and PDF output*. 2022-06-26. Version 4.8.1. LICENSE: pd  
 URL: <https://ctan.org/pkg/pwebmac>  
 MIRROR: <https://mirror.ctan.org/web/pwebmac>
- Schinke, Carsten. *The gbrieff-creator package. A front end for the gbrieff package*. 2016-06-24. Version 1.000 beta. LICENSE: nosource. A small Windows front end, that creates files for use with the German letter macros.  
 URL: <https://ctan.org/pkg/gbrieff-creator>  
 MIRROR: <https://mirror.ctan.org/support/gbrieff-creator>
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 URL: <https://ctan.org/pkg/lexend>  
 MIRROR: <https://mirror.ctan.org/fonts/lexend>
- Schlechte, Wolfgang Andreas. *The newthm package. Obsolete version of ntheorem*. 2019-06-21. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/newthm>
- Schleicher, Ralph and Norbert Schwarz. *The dos-dc package. A distribution of the DC fonts for emTeX*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/dos-dc>  
 MIRROR: <https://mirror.ctan.org/systems/msdos/dos-dc>
- Schlemmer, Tobias. *The tsem1ines package. Support for the ancient \emline macro*. 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/tsem1ines>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tsem1ines>
- Schlicht, Robert. *The euroitc package. L<sup>A</sup>T<sub>E</sub>X interface for the ITC euro font symbols*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/euroitc>  
 MIRROR: <https://mirror.ctan.org/fonts/euroitc>



- *The microtype package. Subliminal refinements towards typographical perfection.* 2023-03-13. Version 3.1a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/microtype>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/microtype>
- Schlömer, Nico. *The auto1 package. L<sup>A</sup>T<sub>E</sub>X support for Underware Auto 1 fonts.* 2018-01-06. Version 0.2. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/auto1>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/auto1>
- *The tex-font-errors-cheatsheet package. Cheat sheet outlining the most common T<sub>E</sub>X font errors.* 2019-02-13. Version 0.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tex-font-errors-cheatsheet>  
 MIRROR: <https://mirror.ctan.org/info/tex-font-errors-cheatsheet>
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 URL: <https://ctan.org/pkg/mversion>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mversion>
- Schmid, Hanspeter. *The hpsdiss package. A dissertation class.* 2016-06-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/hpsdiss>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hpsdiss>
- *The sfg package. Draw signal flow graphs.* 2018-09-15. Version 0.91. LICENSE: lppl. Defines some commands to draw signal flow graphs as used by electrical and electronics engineers and graph theorists. Requires and packages (and a relatively fast machine).  
 URL: <https://ctan.org/pkg/sfg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sfg>
- Schmidt, Jan. *The tikz-palattice package. Draw particle accelerator lattices with TikZ.* 2017-03-09. Version 2.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tikz-palattice>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-palattice>
- Schmidt, Walter A. *The epmtfe package. TeX environment for OS/2.* 2016-06-24. Version 5.4. LICENSE: other-free. The EPM T<sub>E</sub>X Front End is an additional module for the OS/2 ‘Enhanced Editor’ (EPM), v6.03, turning the editor into a powerful integrated T<sub>E</sub>X environment that can be used in conjunction with , or another OS/2 T<sub>E</sub>X system.  
 URL: <https://ctan.org/pkg/epmtfe>  
 MIRROR: <https://mirror.ctan.org/systems/os2/epmtfe>
- *The icomma package. Intelligent commas for decimal numbers.* 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/icomma>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
- *The mathpple package. Use PostScript Palatino for typesetting maths.* 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mathpple>
- Schmidt, Walter A., Patrick Gundlach, and Marco Daniel. *The lshort-german package. German version of A Short Introduction to L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>: L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>-Kurzbeschreibung.* 2020-06-17. Version 3.0c. LICENSE: opl  
 URL: <https://ctan.org/pkg/lshort-german>  
 MIRROR: <https://mirror.ctan.org/info/lshort/german>
- Schmidt, Walter A. and Keiran Harcombe. *The augie package. Calligraphic font for typesetting handwriting.* 2021-12-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/augie>  
 MIRROR: <https://mirror.ctan.org/fonts/augie>
- *The ccfonts package. Support for Concrete text and math fonts in L<sup>A</sup>T<sub>E</sub>X.* 2022-01-26. LICENSE: lppl. L<sup>A</sup>T<sub>E</sub>X font definition files for the Concrete fonts and a L<sup>A</sup>T<sub>E</sub>X package for typesetting documents using Concrete as the default font family. The files support OT1, T1, TS1, and Concrete mathematics including AMS fonts (Ulrik Vieth’s ).  
 URL: <https://ctan.org/pkg/ccfonts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccfonts>
- *The cmbright package. Computer Modern Bright fonts.* 2021-12-07. Version 8.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cmbright>  
 MIRROR: <https://mirror.ctan.org/fonts/cmbright>
- *The cmsd package. Interfaces to the CM Sans Serif Bold fonts.* 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cmsd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmsd>
- Schmidt, Walter A. and Keiran Harcombe. *The DayRoman package. The Day Roman typeface.* 2021-12-07. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dayroman>  
 MIRROR: <https://mirror.ctan.org/fonts/DayRoman>

- *The dictsym package. DictSym font and macro package.* 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/dictsym>  
MIRROR: <https://mirror.ctan.org/fonts/dictsym>
  - *The ecc package. Sources for the European Concrete fonts.* 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/ecc>  
MIRROR: <https://mirror.ctan.org/fonts/ecc>
  - *The eulervm package. Euler virtual math fonts.* 2021-12-07. Version 4.0. LICENSE: lppl. The well-known Euler fonts are suitable for typesetting mathematics in conjunction with a variety of text fonts which do not provide mathematical character sets of their own. Euler-VM is a set of mathematics fonts based on Euler and CM. This approach has several advantages over immediately using the Euler fonts: Most noticeably, less TeX resources are consumed, the quality of various math symbols is improved and a usable symbol can be provided. The virtual fonts are accompanied by a LaTeX package which makes them easy to use, particularly in conjunction with Type1 PostScript text fonts. They are compatible with . A package option allows the fonts to be loaded at 95% of their nominal size, thus blending better with certain text fonts, e.g., Minion.  
URL: <https://ctan.org/pkg/eulervm>  
MIRROR: <https://mirror.ctan.org/fonts/eulervm>
  - *The eurosans package. Interface to Adobe's sans-serif Euro font.* 2021-12-07. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/eurosans>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eurosans>
  - *The fixmath package. Make maths comply with ISO 31-0:1992 to ISO 31-13:1992.* 2022-10-16. Version 0.9.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fixmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixmath>
  - *The gensymb package. Generic symbols for both text and math mode.* 2022-10-17. Version 1.0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/gensymb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gensymb>
  - *The hvmath package. Support for using the Micropress HV-Math fonts (Helvetica Maths).* 2021-12-07. Version 1.5. LICENSE: lppl. Typeset math in a style that suits the Adobe Helvetica text fonts. Commercial (Adobe type 1) versions of the HV-Math fonts are available from Micropress; free bitmap versions of the fonts from the directories.  
URL: <https://ctan.org/pkg/hvmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/hvmath>
  - *The lucida package. Metrics, etc., for Lucida Bright and Lucida Math.* 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/lucida>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/bh/lucida>
  - *The psnfss-source package. Sources of the metrics used in PSNFSS.* 2021-12-07. Version 9.2. LICENSE: lppl. The package comprises the makefiles, fontinst scripts and AFM files used to build the .  
URL: <https://ctan.org/pkg/psnfss-source>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/psnfss-source>
  - *The tmmath package. Support for using the Micropress TM-Math fonts.* 2021-12-07. Version 2.4. LICENSE: lppl. Support for typesetting math in a style that suits the Adobe Times text fonts. Commercial (Adobe type 1) versions of the HV-Math fonts are available from Micropress; free bitmap versions of the fonts from the directories.  
URL: <https://ctan.org/pkg/tmmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/tmmath>
  - *The upgreek package. Upright Greek letters.* 2021-12-07. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/upgreek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
  - *The urw-garamond package. URW Garamond No8 Adobe Type 1 fonts.* 2021-12-07. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/urw-garamond>  
MIRROR: <https://mirror.ctan.org/fonts/urw/garamond>
  - *The w-a-schmidt package. A collection of metrics for commercial fonts.* 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/w-a-schmidt>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/w-a-schmidt>
  - *The was package. A collection of small packages by Walter Schmidt.* 2022-10-12. LICENSE: collection  
URL: <https://ctan.org/pkg/was>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
- Schmidt, Walter A., Keiran Harcombe, Charles Bigelow, and Kris Holmes. *The LuxiMono package. Free monospace fonts.* 2021-12-07. LICENSE: other-nonfree. LuxiMono is a family of general-purpose monospaced (typewriter) fonts. This distribution contains the fonts in Adobe Type 1 format, and , and LaTeX-related files are also provided.

- URL: <https://ctan.org/pkg/luximono>  
MIRROR: <https://mirror.ctan.org/fonts/LuxiMono>
- Schmidt, Walter A., Keiran Harcombe, and Pierre A. MacKay. *The ibygrk package. Fonts and macros to typeset ancient Greek.* 2021-12-07. Version 4.5. LICENSE: gpl  
URL: <https://ctan.org/pkg/ibygrk>  
MIRROR: <https://mirror.ctan.org/fonts/greek/ibygrk>
- Schmidt, Walter A., Keiran Harcombe, and Sebastian Rahtz. *The psnfssx package. Extra styles and encodings for PostScript fonts.* 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/psnfssx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx>
- Schmidt, Walter A., Keiran Harcombe, The L<sup>A</sup>T<sub>E</sub>X Project Team, and Sebastian Rahtz. *The psnfss package. Font support for common PostScript fonts.* 2021-12-08. Version 9.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/psnfss>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
- Schmidt, Walter A., Alan Jeffrey, Sebastian Rahtz, Ulrik Vieth, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The mathptmx package. Use Times as default text font, and provide maths support.* 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/mathptmx>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
- Schmidt, Walter A., Rolf Niepraschk, Hubert Gäßlein, and Jürgen Schlegelmilch. *The leaflet package. Create small handouts (flyers).* 2020-11-07. Version 2.1a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/leaflet>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leaflet>
- Schmidt, Walter A. and Norbert Preining. *The yfonts package. Support for old German fonts.* 2019-04-04. Version 1.4. LICENSE: lppl. A L<sup>A</sup>T<sub>E</sub>X interface to the old-german fonts designed by Yannis Haralambous: , , and the .  
URL: <https://ctan.org/pkg/yfonts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yfonts>
- Schmidt, Walter A. and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The fix-cm package. Permit Computer Modern fonts at arbitrary sizes.* 2023-06-09. Version 1.1t. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fix-cm>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>
- *The helvet package. Load Helvetica, scaled.* 2021-12-07. Version 9.2a. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/helvet>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
- Schmidt, Walter A., The L<sup>A</sup>T<sub>E</sub>X Project Team, and Sebastian Rahtz. *The pifont package. Access to PostScript standard Symbol and Dingbats fonts.* 2021-12-07. Version 9.2a. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/pifont>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
- Schmitt, Peter. *The astro package. Astronomical (planetary) symbols.* 2017-10-29. Version 2.20. LICENSE: lppl  
URL: <https://ctan.org/pkg/astro>  
MIRROR: <https://mirror.ctan.org/fonts/astro>
- *The backgrnd package. Mark text with grey background or change bar.* 2020-04-11. Version 2.0. LICENSE: noinfo. Marks text, using T<sub>E</sub>X’s resources only (without resorting to commands). Grey background uses a shade font provided as Metafont source. Works under plain T<sub>E</sub>X and in simple L<sup>A</sup>T<sub>E</sub>X 2.09 documents, but probably not in L<sup>A</sup>T<sub>E</sub>X 2e.  
URL: <https://ctan.org/pkg/backgrnd>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/backgrnd.tex>
- *The shade package. Shade pieces of text.* 2018-01-06. Version 1. LICENSE: lppl1  
URL: <https://ctan.org/pkg/shade>  
MIRROR: <https://mirror.ctan.org/macros/generic/shade>
- Schmittbuhl, Arnaud. *The pst-spectra package. Draw continuum, emission and absorption spectra with PSTricks.* 2018-09-15. Version 0.91. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-spectra>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spectra>
- Schmitz, Daniel. *The mahjong package. Typeset Mahjong Tiles using MPSZ Notation.* 2021-04-24. Version 1.0.1. LICENSE: mit,cc-by-1  
URL: <https://ctan.org/pkg/mahjong>  
MIRROR: <https://mirror.ctan.org/graphics/mahjong>

- Schmitz, Thomas A. *The context-taspresent package. Simple presentations using ConTeXt*. 2016-06-24. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/context-taspresent>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-taspresent>
- *The vf-howto package. Tutorial on creating virtual fonts*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/vf-howto>  
 MIRROR: <https://mirror.ctan.org/info/virtualfontshowto>
- Schmitz, Thomas A. and Mojca Miklavc. *The gentium-original package. Gentium font and support files*. 2022-05-26. LICENSE: ofl  
 URL: <https://ctan.org/pkg/gentium-original>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/gentium>
- Schneider, Christian. *The combinedgraphics package. Include graphic (EPS or PDF)/L<sup>A</sup>T<sub>E</sub>X combinations*. 2016-06-24. Version 0.2.2. LICENSE: gpl. This package provides a macro `\includegraphics` for the inclusion of combined EPS/L<sup>A</sup>T<sub>E</sub>X and PDF/L<sup>A</sup>T<sub>E</sub>X graphics (an export format of `dvips`, `pdftex`, and maybe other programs). Instead of including the graphics with a simple `\includegraphics`, the macro has some comforts:  
 URL: <https://ctan.org/pkg/combinedgraphics>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combinedgraphics>
- *The fullminipage package. Minipage spanning a complete page*. 2016-06-24. Version 0.1.1. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/fullminipage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullminipage>
  - *The ionumbers package. Restyle numbers in maths mode*. 2018-01-06. Version 0.3.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/ionumbers>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ionumbers>
- Schneider, Niklas. *The semesterplanner package. Create beautiful semester timetables and more*. 2020-11-04. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/semesterplanner>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/semesterplanner>
- Schneider, Robin. *The calcage package. Calculate the age of something, in years*. 2017-04-18. Version 0.90. LICENSE: lppl1.3. The package calculates the age of someone or something in years. Internally it uses the package `calc` to calculate the age in days; conversion from days to years is then performed, taking care of leap years and such odd things.  
 URL: <https://ctan.org/pkg/calcage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calcage>
- *The counttexruns package. Count compilations of a document*. 2016-06-24. Version 1.00a. LICENSE: lppl1.3. The package counts how often a L<sup>A</sup>T<sub>E</sub>X document is compiled, keeping the data in an external file. To print the count, can use the macro `\showcount`.  
 URL: <https://ctan.org/pkg/counttexruns>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/counttexruns>
  - *The doclicense package. Support for putting documents under a license*. 2022-05-18. Version 3.2.0. LICENSE: cc0,lppl1.3c  
 URL: <https://ctan.org/pkg/doclicense>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doclicense>
  - *The fnumprint package. Print a number in ‘appropriate’ format*. 2017-04-18. Version 1.1a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fnumprint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnumprint>
  - *The latex-git-log package. Typeset git log information*. 2020-02-27. Version 1.0.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/latex-git-log>  
 MIRROR: <https://mirror.ctan.org/support/latex-git-log>
  - *The romanbarpagenumber package. Typesetting roman page numbers*. 2017-04-18. Version 1.0. LICENSE: lppl1.3. The package allows to typeset roman numbers with bars. This package allows you to use those roman numbers as page number.  
 URL: <https://ctan.org/pkg/romanbarpagenumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romanbarpagenumber>
- Schneider, Sven. *The dotarrow package. Extendable dotted arrows*. 2016-06-24. Version 0.01a. LICENSE: lppl. The package can draw dotted arrows that are extendable, in the same way as `\xrightarrow`.  
 URL: <https://ctan.org/pkg/dotarrow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotarrow>
- Schneider, Thomas. *The cell package. Bibliography style for Cell*. 2016-06-24. LICENSE: pd. This is an “apa-like” style (cf. in the distribution), developed from the same author’s style. A supporting L<sup>A</sup>T<sub>E</sub>X package is also provided.  
 URL: <https://ctan.org/pkg/cell>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cell>

- *The jbact package. BibTeX style for biology journals.* 2019-11-12. Version 1.30. LICENSE: other-free  
 URL: <https://ctan.org/pkg/jbact>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/jbact.bst>
- *The jmb package. BibTeX style for the Journal of Theoretical Biology.* 2019-11-12. Version 1.21. LICENSE: other-free  
 URL: <https://ctan.org/pkg/jmb>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jmb>
- *The nar package. BibTeX style for Nucleic Acid Research.* 2016-06-24. Version 3.19. LICENSE: other-free  
 URL: <https://ctan.org/pkg/nar>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/nar.bst>
- Schollmeyer, Michael. *The fchart package. Flow diagrams in L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. Version 2.0. LICENSE: noinfo. This is not a package, rather a set of macros to be read using , offering a means of drawing structures without the use of the environment.  
 URL: <https://ctan.org/pkg/fchart>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/fchart>
- Schöpf, Rainer. *The histogr package. Draw histograms with the L<sup>A</sup>T<sub>E</sub>X picture environment.* 2016-06-24. Version 1.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/histogr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/histogr>
- *The underlin package. Underlined running heads.* 2016-06-24. Version 1.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/underlin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underlin>
- Schöpf, Rainer and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The verbatim package. Reimplementation of and extensions to L<sup>A</sup>T<sub>E</sub>X verbatim.* 2023-06-09. Version 1.5u. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/verbatim>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Schreiber, Kai. *The BiBLE package. A BibTeX library editor.* 2016-06-24. Version 0.99. LICENSE: other-free  
 URL: <https://ctan.org/pkg/bible>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bible>
- Schrell, Andreas. *The kalender-209 package. Produce page-per-day calendars.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/kalender-209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/kalender.tex>
- *The pictexwd package. A patched version of PicTeX using fewer registers.* 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pictexwd>
- *The wochtag package. Generate the German weekday name for a date.* 2016-06-24. Version 1.0. LICENSE: noinfo. Defines a macro that produces a day name, in German.  
 URL: <https://ctan.org/pkg/wochtag>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/wochtag.tex>
- *The yinit-as package. Additions to Yannis Haralambous' Old German decorative initials.* 2019-02-01. LICENSE: noinfo. This package contains a modified driver file, , as well as a L<sup>A</sup>T<sub>E</sub>X file .  
 URL: <https://ctan.org/pkg/yinit-as>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/gothic/yinit-as>
- Schrell, Andreas and Andreas Hörstmeier. *The umrand package. Package for fancy box frames.* 2019-06-21. Version 1.2. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/umrand>  
 MIRROR: <https://mirror.ctan.org/macros/generic/umrand>
- Schrod, Joachim. *The biblist package. Print a BibTeX database.* 2016-06-24. LICENSE: gpl. The package provides the means of listing an entire BibTeX database, avoiding the potentially large (macro) impact associated with .  
 URL: <https://ctan.org/pkg/biblist>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/biblist>
- *The chbar package. Change bar marks in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: gpl. This package creates change bars without the use of \special commands (unlike the L<sup>A</sup>T<sub>E</sub>X package ).  
 URL: <https://ctan.org/pkg/chbar>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/chbar>
- Schrod, Joachim. *The components package. Components of T<sub>E</sub>X.* 2022-05-01. LICENSE: gpl  
 URL: <https://ctan.org/pkg/components>  
 MIRROR: <https://mirror.ctan.org/info/components-of-TeX>



- *The cweb-latex package.* A L<sup>A</sup>T<sub>E</sub>X version of CWEB. 2019-11-30. LICENSE: gpl. This bundle allows marking-up of code in L<sup>A</sup>T<sub>E</sub>X. The distribution includes the “Counting Words” program distributed with CWEB, edited to run with L<sup>A</sup>T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/cweb-latex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cweb>
  - *The example package.* Typeset examples for T<sub>E</sub>X courses. 2019-06-21. LICENSE: gpl. The package makes it easier to produce examples for T<sub>E</sub>X course. It provides an environment, which typesets its contents on the left of the page, and prints it verbatim on the right.  
URL: <https://ctan.org/pkg/example>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/example.sty>
  - *The footnpag package.* Per-page numbering of footnotes. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/footnpag>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/footnpag>
  - *The genfam package.* Run Metafont to produce the bitmap fonts. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/genfam>  
MIRROR: <https://mirror.ctan.org/support/genfam>
  - *The idverb package.* Inline verbatim identifiers. 2016-06-24. Version 1.1. LICENSE: gpl. Typeset identifiers (and other short things) verbatim, using the notation. This package is part of the bundle.  
URL: <https://ctan.org/pkg/idverb>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/js-misc>
  - *The js-misc package.* Miscellaneous macros from Joachim Schrod. 2016-07-17. LICENSE: pd  
URL: <https://ctan.org/pkg/js-misc>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/js-misc>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/beamerappendixnote>
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 URL: <https://ctan.org/pkg/time-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/time.sty>
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 URL: <https://ctan.org/pkg/dviwin>  
 MIRROR: <https://mirror.ctan.org/dviware/dviwin>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/apxproof>
- Senju, Jiro. *The dvisirule package. Superimpose the covered hline and vline in a L<sup>A</sup>T<sub>E</sub>X tabular/colortbl environment.* 2022-09-30. Version 2.1. LICENSE: gpl2+. Superimpose the covered hline and vline in a L<sup>A</sup>T<sub>E</sub>X / environment.  
 URL: <https://ctan.org/pkg/dvisirule>  
 MIRROR: <https://mirror.ctan.org/dviware/dvisirule>
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 URL: <https://ctan.org/pkg/familytree>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/familytree>
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 URL: <https://ctan.org/pkg/dvibit>  
 MIRROR: <https://mirror.ctan.org/dviware/dvibit>

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 URL: <https://ctan.org/pkg/compact-symbols>  
 MIRROR: <https://mirror.ctan.org/info/symbols/compact>
- Setzer, Nick. *The colorwav package. Colours by wavelength of visible light.* 2023-05-05. Version 1.0. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/colorwav>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorwav>
- *The cool package. COntent-Oriented L<sup>A</sup>T<sub>E</sub>X.* 2023-05-05. Version 1.35. LICENSE: lgpl  
 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>
  - *The dyntree package. Construct Dynkin tree diagrams.* 2023-05-05. Version 1.0. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/dyntree>  
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 URL: <https://ctan.org/pkg/forloop>  
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 URL: <https://ctan.org/pkg/easylatex>  
 MIRROR: <https://mirror.ctan.org/support/easylatex>
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 URL: <https://ctan.org/pkg/biihead>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/biihead.sty>
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 URL: <https://ctan.org/pkg/alpha-persian>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/alpha-persian>
- Sharpe, Michael. *The algolrevived package. A revival of Frutiger's Algol alphabet.* 2020-11-05. Version 1.052. LICENSE: ofl,lppl1.3c  
 URL: <https://ctan.org/pkg/algolrevived>  
 MIRROR: <https://mirror.ctan.org/fonts/algolrevived>
- *The baskervaldx package. Extension and modification of BaskervaldADF with L<sup>A</sup>T<sub>E</sub>X support.* 2020-12-06. Version 1.076. LICENSE: gpl2+,lppl1.3. Extends and modifies the font (a Baskerville substitute) with more accented glyphs, with small caps and oldstyle figures in all shapes. Includes OpenType and PostScript fonts, as well as L<sup>A</sup>T<sub>E</sub>X support files.  
 URL: <https://ctan.org/pkg/baskervaldx>  
 MIRROR: <https://mirror.ctan.org/fonts/baskervaldx>
  - *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>
- Sharpe, Michael. *The bickham package. Virtual fonts for Adobe Bickham Script Pro.* 2019-05-21. Version 1.1. LICENSE: lppl. The bundle provides virtual fonts and L<sup>A</sup>T<sub>E</sub>X support files for Adobe Bickham Script Pro as a math calligraphic font in regular and bold weights. The most recent version of offers support for these virtual fonts.  
 URL: <https://ctan.org/pkg/bickham>  
 MIRROR: <https://mirror.ctan.org/fonts/bickham>

- *The boondox package. Mathematical alphabets derived from the STIX fonts.* 2017-02-26. Version 1.02d. LICENSE: ofl,lppl. The package contains a number of PostScript fonts derived from the OpenType fonts that may be used in maths mode in regular and bold weights for calligraphic, fraktur and double-struck alphabets. Virtual fonts with metrics suitable for maths mode are provided, as are L<sup>A</sup>T<sub>E</sub>X support files.  
URL: <https://ctan.org/pkg/boondox>  
MIRROR: <https://mirror.ctan.org/fonts/boondox>
- *The cochineal package. Cochineal fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-02-16. Version 1.077. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/cochineal>  
MIRROR: <https://mirror.ctan.org/fonts/cochineal>
- *The DSSerif package. A double-struck serif font for mathematical use.* 2021-10-30. Version 1.031. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/dsserif>  
MIRROR: <https://mirror.ctan.org/fonts/dsserif>
- *The dutchcal package. A reworking of ESSTIX13, adding a bold version.* 2019-05-21. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/dutchcal>  
MIRROR: <https://mirror.ctan.org/fonts/dutchcal>
- *The erewhon package. Font package derived from Heuristica and Utopia.* 2022-05-16. Version 1.12. LICENSE: ofl,lppl1.3. Erewhon is based on the package, which is based in turn on . Erewhon adds a number of new features — small caps in all styles rather than just regular, added figure styles (proportional, inferior, numerator, denominator) and superior letters. The size is 6% smaller than Heuristica, matching that of UtopiaStd.  
URL: <https://ctan.org/pkg/erewhon>  
MIRROR: <https://mirror.ctan.org/fonts/erewhon>
- *The esstix package. PostScript versions of the ESSTIX, with macro support.* 2016-06-24. Version 1.0. LICENSE: ofl  
URL: <https://ctan.org/pkg/esstix>  
MIRROR: <https://mirror.ctan.org/fonts/esstix>
- *The ETbb package. An expansion of Edward Tufte’s ET-Bembo family.* 2022-02-04. Version 1.056. LICENSE: mit,lppl1.3  
URL: <https://ctan.org/pkg/etbb>  
MIRROR: <https://mirror.ctan.org/fonts/etbb>
- *The fbb package. A free Bembo-like font.* 2020-07-02. Version 1.16. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/fbb>  
MIRROR: <https://mirror.ctan.org/fonts/fbb>
- *The garamondx package. ‘Expert’-like extensions to URW Garamond, and maths italic.* 2021-09-11. Version 1.21. LICENSE: nosell  
URL: <https://ctan.org/pkg/garamondx>  
MIRROR: <https://mirror.ctan.org/fonts/garamondx>
- *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>
- Sharpe, Michael. *The montserrat package. Montserrat sans serif, otf and pfb, with L<sup>A</sup>T<sub>E</sub>X support files.* 2019-11-08. Version 1.03. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/montserrat>  
MIRROR: <https://mirror.ctan.org/fonts/montserrat>

- *The newpx package. Alternative uses of the PX fonts, with improved metrics.* 2022-01-30. Version 1.505. LICENSE: lppl,ofl  
URL: <https://ctan.org/pkg/newpx>  
MIRROR: <https://mirror.ctan.org/fonts/newpx>
  - *The newtx package. Alternative uses of the TX fonts, with improved metrics.* 2022-03-03. Version 1.71. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/newtx>  
MIRROR: <https://mirror.ctan.org/fonts/newtx>
  - *The newtxsf package. Sans-math fonts for use with newtx.* 2023-05-08. Version 1.055. LICENSE: ofl,lppl1.3. The package provides a maths support that amounts to modifications of the sans serif Roman and Greek letters with most symbols taken from (which must of course be installed and its map file enabled).  
URL: <https://ctan.org/pkg/newtxsf>  
MIRROR: <https://mirror.ctan.org/fonts/newtxsf>
  - *The newtxtt package. Enhancement of typewriter fonts from newtx.* 2020-02-16. Version 1.056. LICENSE: gpl3,lppl  
URL: <https://ctan.org/pkg/newtxtt>  
MIRROR: <https://mirror.ctan.org/fonts/newtxtt>
  - *The nimbus15 package. Support files for Nimbus 2015 Core fonts.* 2021-04-07. Version 1.014. LICENSE: other-free,lppl1.3  
URL: <https://ctan.org/pkg/nimbus15>  
MIRROR: <https://mirror.ctan.org/fonts/nimbus15>
  - *The notomath package. Math support for Noto fonts.* 2021-03-25. Version 1.02. LICENSE: ofl,lppl1.3. Math support via for Google's . (Regular and Bold weights only.)  
URL: <https://ctan.org/pkg/notomath>  
MIRROR: <https://mirror.ctan.org/fonts/notomath>
  - *The pst-bspline package. Draw cubic Bspline curves and interpolations.* 2016-06-24. Version 1.62. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pst-bspline>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bspline>
  - *The pst-layout package. Page layout macros based on PSTricks packages.* 2018-09-15. Version .95. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-layout>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-layout>
  - *The pstdoc package. A tool for PSTricks documentation.* 2018-09-15. LICENSE: lppl  
URL: <https://ctan.org/pkg/pstdoc>  
MIRROR: <https://mirror.ctan.org/info/pstdoc>
  - *The ptmsc package. Addon to the newtx package.* 2021-09-11. Version 1.1. LICENSE: lppl1.3. This is an addon to the package that allows the substitution of the commercial Adobe TimesSC fonts for the default upright small caps in .  
URL: <https://ctan.org/pkg/ptmsc>  
MIRROR: <https://mirror.ctan.org/fonts/ptmsc>
  - *The ptxalfa package. Virtual maths alphabets based on pxfonts and txfonts.* 2021-10-22. Version 2. LICENSE: lppl. The package provides virtual math alphabets based on and , with L<sup>A</sup>T<sub>E</sub>X support files and adjusted metrics. The package offers support for this collection.  
URL: <https://ctan.org/pkg/ptxalfa>  
MIRROR: <https://mirror.ctan.org/fonts/ptxalfa>
  - *The rsfso package. A mathematical calligraphic font based on rsfs.* 2021-10-22. Version 1.03. LICENSE: lppl. The package provides virtual fonts and L<sup>A</sup>T<sub>E</sub>X support files for mathematical calligraphic fonts based on the (which must also be present for successful installation, with the slant substantially reduced. The output is quite similar to that from the Adobe Mathematical Pi script font.  
URL: <https://ctan.org/pkg/rsfso>  
MIRROR: <https://mirror.ctan.org/fonts/rsfso>
  - *The scanpages package. Support importing and embellishing scanned documents.* 2016-12-02. Version 1.05a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/scanpages>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scanpages>
  - *The ScholaX package. Extension of T<sub>E</sub>X Gyre Schola (New Century Schoolbook) with math support.* 2022-02-01. Version 1.033. LICENSE: lppl  
URL: <https://ctan.org/pkg/scholax>  
MIRROR: <https://mirror.ctan.org/fonts/scholax>
- Sharpe, Michael. *The SticksToo package. A reworking of STIX2.* 2021-10-18. Version 1.035. LICENSE: ofl,lppl1.3. SticksToo is a reworking of the STIX2 fonts with support files focussing on enhancements of support for L<sup>A</sup>T<sub>E</sub>X users wishing to be able to access more of its features. A companion addition to the package (version 1.55) provides a matching math package using STIX2 letters (Roman and Greek) with symbols.



- URL: <https://ctan.org/pkg/stickstoo>  
MIRROR: <https://mirror.ctan.org/fonts/stickstoo>
- *The superiors package*. Attach superior figures to a font family. 2019-08-19. Version 1.06. LICENSE: lppl  
URL: <https://ctan.org/pkg/superiors>  
MIRROR: <https://mirror.ctan.org/fonts/superiors>
  - *The tempora package*. Greek and Cyrillic to accompany Times. 2016-06-24. Version 1.05. LICENSE: gpl2  
URL: <https://ctan.org/pkg/tempora>  
MIRROR: <https://mirror.ctan.org/fonts/tempora>
  - *The TXUpCal package*. Upright calligraphic font based on TX calligraphic. 2017-03-09. Version 1.00. LICENSE: gpl3. This small package provides a means of loading as an uprighted version of the calligraphic fonts from the TX font package. A scaled option to provided to allow arbitrary scaling.  
URL: <https://ctan.org/pkg/txuprcal>  
MIRROR: <https://mirror.ctan.org/fonts/txuprcal>
  - *The urwchancal package*. Use URW's clone of Zapf Chancery as a maths alphabet. 2016-06-24. Version 1. LICENSE: lppl  
URL: <https://ctan.org/pkg/urwchancal>  
MIRROR: <https://mirror.ctan.org/fonts/urwchancal>
  - *The XCharter package*. Extension of Bitstream Charter fonts. 2022-04-17. Version 1.24. LICENSE: other-free,lppl1.3  
URL: <https://ctan.org/pkg/xcharter>  
MIRROR: <https://mirror.ctan.org/fonts/xcharter>
  - *The zlmitt package*. Use Latin Modern Typewriter fonts. 2022-08-08. Version 1.032. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/zlmitt>  
MIRROR: <https://mirror.ctan.org/fonts/zlmitt>
- Sharpe, Michael and Zhuhan Jiang. *The arrayjob package*. Array data structures for (La)TeX. 2016-06-24. Version 1.04. LICENSE: lppl  
URL: <https://ctan.org/pkg/arrayjob>  
MIRROR: <https://mirror.ctan.org/macros/generic/arrayjob>
- *The arrayjobx package*. Array data structures for (La)TeX. 2016-06-24. Version 1.04. LICENSE: lppl  
URL: <https://ctan.org/pkg/arrayjobx>  
MIRROR: <https://mirror.ctan.org/macros/generic/arrayjobx>
- Sharpsten, Christian. *The armymemo package*. A document class for Army memorandums in accordance with AR 25-50. 2019-01-28. Version 1.0.0. LICENSE: gpl2  
URL: <https://ctan.org/pkg/armymemo>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/armymemo>
- Shashkov, Sergey. *The russ package*. L<sup>A</sup>T<sub>E</sub>X in Russian, without babel. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/russ>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/russ>
- Shawyer, Bruce. *The fullpict package*. Full page pictures. 2016-06-24. LICENSE: noinfo. The package provides picture-mode environments whose size is related to the size of the page. The fullpict environment takes arguments to specify the dimension of the picture in picture mode ‘unit lengths’; the value for is defined by the fact that the picture is to be 90% of . Similar environments halfpict (half the width of fullpict), and scalepict (a given percentage of the width of fullpict), are also defined.  
URL: <https://ctan.org/pkg/fullpict>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullpict>
- Shell, Michael. *The IEEEtran package*. Document class for IEEE Transactions journals and conferences. 2021-06-24. Version 1.8b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ieeetran>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran>
- *The ieeetrantools package*. Functionality from IEEEtran for use with other classes. 2021-06-24. Version 1.4. LICENSE: lppl1.3. The package provides several commands from the so that they can be used under other L<sup>A</sup>T<sub>E</sub>X classes; the package should not be used in a document that uses that parent class. The user guide only covers the ways in which usage differs from that in the parent class; thus the documentation of that class should be regarded as part of the documentation for the package.  
URL: <https://ctan.org/pkg/ieeetrantools>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran/tools>
- Shell, Michael. *The mciteplus package*. Enhanced multiple citations. 2017-04-18. Version 1.2. LICENSE: lppl. The mciteplus L<sup>A</sup>T<sub>E</sub>X package is an enhanced reimplementaion of Thorsten Ohl's package which provides support for the grouping of multiple citations together as is often done in physics journals. An extensive set of features provide for other applications such as reference sublisting.



- URL: <https://ctan.org/pkg/mciteplus>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mciteplus>
- *The testflow package*. A tool to validate PS/PDF output from L<sup>A</sup>T<sub>E</sub>X. 2021-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/testflow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran/testflow>
  - Shepherd, James. *The jasthesis package*. A 'standard' thesis class. 2016-06-24. Version 0.5. LICENSE: noinfo  
URL: <https://ctan.org/pkg/jasthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jasthesis>
  - Sherman, Heather. *The envelope package*. Print envelopes. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/envelope>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/envelope>
  - Shibakov, Alexander. *The splint package*. Write LALR(1) parsers in T<sub>E</sub>X using bison and flex. 2020-10-11. Version 1.1.0. LICENSE: gpl3+. The bundle provides the means of building parsers and scanners in T<sub>E</sub>X. and are used to create the tables that drive the automata programmed as T<sub>E</sub>X macros.  
URL: <https://ctan.org/pkg/splint>  
MIRROR: <https://mirror.ctan.org/support/splint>
  - Shigeru, Miyata. *The xetex-pstricks package*. Running PSTricks under XeTeX. 2018-09-15. LICENSE: pd  
URL: <https://ctan.org/pkg/xetex-pstricks>  
MIRROR: <https://mirror.ctan.org/graphics/xetex/pstricks>
  - Shipunov, Alexey. *The altverse package*. Typesetting verse. 2019-10-07. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/altverse>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/altverse.sty>
  - *The autolist package*. More lists. 2019-10-07. Version 0.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/autolist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/autolist.sty>
  - *The biokey package*. Flexible identification key tables in L<sup>A</sup>T<sub>E</sub>X. 2019-10-07. Version 3.11. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/biokey>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov>
  - *The biolist package*. List observed species. 2019-10-07. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/biolist>  
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 URL: <https://ctan.org/pkg/xfig>  
 MIRROR: <https://mirror.ctan.org/graphics/xfig>
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 URL: <https://ctan.org/pkg/genindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/genindex>
- *The pageframe package. Page frames, grids, etc., for L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pageframe>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/pageframe>
- *The wrtfile package. Write T<sub>E</sub>X files from a T<sub>E</sub>X document.* 2016-06-24. LICENSE: other-free. Wrtfile is a means of creating self-extracting distributions in T<sub>E</sub>X files; it is similar in conception to the L<sup>A</sup>T<sub>E</sub>X mechanism, but is somewhat more efficient. Wrtfile is (of course) distributed using its own mechanisms.  
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MIRROR: <https://mirror.ctan.org/macros/plain/contrib/make-env>
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URL: <https://ctan.org/pkg/zip>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/zip.tex>
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URL: <https://ctan.org/pkg/accfonts>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/accfonts>
  - *The induni-om package. Omega fonts for characters used in study of Sanskrit.* 2020-06-07. LICENSE: gpl. The files are a comprehensive set of virtual fonts for the Latin glyphs used in the study of Sanskrit and similar languages. The virtual fonts are built for use with , and use the as base fonts.  
URL: <https://ctan.org/pkg/induni-om>  
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  - Smith, Nathaniel J. *The apa6e package. Format manuscripts to APA 6th edition guidelines.* 2016-06-24. Version 0.3. LICENSE: bsd. This is a minimalist class file for formatting manuscripts in the style described in the American Psychological Association (APA) 6th edition guidelines. The class provides better coverage of the requirements.  
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  - 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>  
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URL: <https://ctan.org/pkg/doi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doi>
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URL: <https://ctan.org/pkg/robotarm>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kalender>
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MIRROR: <https://mirror.ctan.org/support/jed/jlm>
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URL: <https://ctan.org/pkg/newfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newfloat>
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URL: <https://ctan.org/pkg/rotfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotfloat>
- *The rplain package. Redefines the plain pagestyle.* 2019-06-21. Version 1.0b. LICENSE: lppl. The package redefines the L<sup>A</sup>T<sub>E</sub>X pagestyle so the page numbers appear on the lower corners. The package was superseded by the package and is no longer supported.  
URL: <https://ctan.org/pkg/rplain>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/rplain>
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URL: <https://ctan.org/pkg/statex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statex>
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The package provides a collection of styles for (version 3.5 is required, currently). It was designed for citations in German Humanities, especially film studies, and offers some features that are not provided by the standard Bib<sup>L</sup>A<sub>T</sub>E<sub>X</sub> styles. The style is highly optimized for documents written in German, and the main documentation is only available in German.  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clrstrip>
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URL: <https://ctan.org/pkg/ducksay>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ducksay>
  - *The duckuments package. Create duckified dummy content*. 2019-10-03. Version 0.5. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/duckuments>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/duckuments>
  - *The etl package. Expandable token list operations*. 2021-11-07. Version 0.3. LICENSE: lppl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etl>
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URL: <https://ctan.org/pkg/expkv>  
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  - *The expkv-bundle package. An expandable key=val implementation and friends*. 2023-01-28. LICENSE: lppl1.3c  
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URL: <https://ctan.org/pkg/expkv-def>  
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MIRROR: <https://mirror.ctan.org/macros/generic/expkv-bundle>
  - *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 `\grabbox`, 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*. 2023-02-12. Version 1.4. LICENSE: lppl1.3c. With you draw pictures pixel by pixel. It was inspired by a by Paulo Cereda, among other things (most notably a beautiful duck) showcasing the use of characters from the Mario video games by Nintendo in L<sup>A</sup>T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/pxpic>  
MIRROR: <https://mirror.ctan.org/graphics/pxpic>
  - *The xistercian package. Cistercian numerals in L<sup>A</sup>T<sub>E</sub>X*. 2021-12-20. Version 1.2. LICENSE: lppl1.3c. allows you to use Cistercian numerals in L<sup>A</sup>T<sub>E</sub>X. The glyphs are created using PGF and to a certain degree configurable. You can use Cistercian numerals as page numbers using `\xisternum`. The two main macros are: `\xisternum` and `\xisternum*`.  
URL: <https://ctan.org/pkg/xistercian>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/xistercian>
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URL: <https://ctan.org/pkg/listofsymbols>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listofsymbols>
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URL: <https://ctan.org/pkg/adrlist>  
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URL: <https://ctan.org/pkg/springer>  
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URL: <https://ctan.org/pkg/untex>  
MIRROR: <https://mirror.ctan.org/support/untex>

Stacey, Andrew. *The braids package*. *Draw braid diagrams with PGF/TikZ*. 2022-10-26. Version 2.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/braids>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/braids>

— *The celtic package*. *A TikZ library for drawing celtic knots*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/celtic>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/celtic>

— *The hobby package*. *An implementation of Hobby's algorithm for PGF/TikZ*. 2017-06-01. Version 1.8. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hobby>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/hobby>

— *The penrose package*. *A TikZ library for producing Penrose tilings*. 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>

— *The spath3 package*. *Manipulate “soft paths” in PGF*. 2022-10-26. Version 2.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/spath3>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/spath3>

— *The tikzmark package*. *Use TikZ's method of remembering a position on a page*. 2022-10-26. Version 1.15. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikzmark>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzmark>

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

— *The tqft package*. *Drawing TQFT diagrams with TikZ/PGF*. 2017-06-01. Version 2.1. LICENSE: lppl1.3. The package defines some node shapes useful for drawing TQFT diagrams with . That is, it defines highly customisable shapes that look like cobordisms between circles, such as those used in TQFT and other mathematical diagrams.  
URL: <https://ctan.org/pkg/tqft>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tqft>

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

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URL: <https://ctan.org/pkg/fixbbl>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/fixbbl>

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

- Stanier, Alan. *The cherokee package. A font for the Cherokee script*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/cherokee>  
 MIRROR: <https://mirror.ctan.org/fonts/cherokee>
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 URL: <https://ctan.org/pkg/cypriote>  
 MIRROR: <https://mirror.ctan.org/fonts/cypriote>
  - *The dancers package. Font for Conan Doyle’s “The Dancing Men”*. 2016-06-30. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dancers>  
 MIRROR: <https://mirror.ctan.org/fonts/dancers>
  - *The georgian-stanier package. A Georgian font*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/georgian-stanier>  
 MIRROR: <https://mirror.ctan.org/fonts/georgian/stanier>
  - *The goblin package. Tolkien’s goblin alphabet*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/goblin>  
 MIRROR: <https://mirror.ctan.org/fonts/goblin>
  - *The iching package. A font for I Ching divinations*. 2016-06-24. LICENSE: noinfo. A L<sup>A</sup>T<sub>E</sub>X file is provided to print out divinations, using the font (supplied as Metafont source). The macro in the L<sup>A</sup>T<sub>E</sub>X file is a simplified beast, in which significance is only accorded to one line in the hexagram.  
 URL: <https://ctan.org/pkg/iching>  
 MIRROR: <https://mirror.ctan.org/fonts/iching>
  - *The osmanian package. Osmanian font for writing Somali*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/osmanian>  
 MIRROR: <https://mirror.ctan.org/fonts/osmanian>
  - *The shavian package. A Shavian spelling alphabet font*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/shavian>  
 MIRROR: <https://mirror.ctan.org/fonts/shavian>
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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/syriac>  
 MIRROR: <https://mirror.ctan.org/fonts/syriac>
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 URL: <https://ctan.org/pkg/ugaritic>  
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 MIRROR: <https://mirror.ctan.org/fonts/ogham>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/oscola>
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 URL: <https://ctan.org/pkg/bibletext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibletext>
- *The LaTeXgit package. A L<sup>A</sup>T<sub>E</sub>X git wrapper*. 2020-04-20. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/latexgit>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/latexgit>
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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>
- Stensgaard, Jørgen. *The ebook package. Helps creating an ebook by providing an ebook class*. 2018-01-07. LICENSE: pd  
 URL: <https://ctan.org/pkg/ebook>  
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 URL: <https://ctan.org/pkg/cmsrb>  
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- *The cmupint package. Upright integral symbols for Computer Modern*. 2020-04-13. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cmupint>  
 MIRROR: <https://mirror.ctan.org/fonts/cmupint>
  - *The 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>
- Stein, Leo. *The orcidlink package. Insert hyperlinked ORCID logo*. 2021-06-11. Version 1.0.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/orcidlink>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/orcidlink>
- Steinbach, Andrea and Angelika Schofer. *The mtex package. The pioneering music-in-TeX macros*. 2018-01-06. Version 0.92. LICENSE: noinfo. This package, MuTeX (as it was originally known) the humble base by which both and (indirectly) were inspired.  
 URL: <https://ctan.org/pkg/mtex>  
 MIRROR: <https://mirror.ctan.org/macros/mtex>
- Steiner, Beat. *The ttt package. A Tibetan Transcript Transliterator for L<sup>A</sup>T<sub>E</sub>X*. 2018-01-06. Version 0.1. LICENSE: gpl. The transcriptions work with Sirlin's , but the transcriber manages better support (particularly of ligatures) than other approaches to Tibetan.  
 URL: <https://ctan.org/pkg/ttt>  
 MIRROR: <https://mirror.ctan.org/language/tibetan/steiner>
- Steiner, Dave. *The usenix package. Style option to do Usenix conference proceedings*. 2016-06-24. LICENSE: nosell. This is an option, conforming to rules derived from "Instructions for Usenix Authors and Speakers". Unfortunately the package author considered some of the details unclear, and was unable to clear up the problems for lack of communication with Usenix admin.  
 URL: <https://ctan.org/pkg/usenix>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/usenix.sty>

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 URL: <https://ctan.org/pkg/glossaries-norsk>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-norsk>
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 MIRROR: <https://mirror.ctan.org/macros/xetex/generic/devanagari>
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 URL: <https://ctan.org/pkg/bardia>  
 MIRROR: <https://mirror.ctan.org/graphics/bardia>
- *The biblio-perl package. System for maintaining and presenting bibliographies*. 2016-06-24. Version 1.0. LICENSE: nosell  
 URL: <https://ctan.org/pkg/biblio-perl>  
 MIRROR: <https://mirror.ctan.org/support/biblio>
- Stephani, Philipp. *The lualatex-math package. Fixes for mathematics-related LuaL<sup>A</sup>T<sub>E</sub>X issues*. 2022-01-01. Version 1.12. LICENSE: 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  
 URL: <https://ctan.org/pkg/lualatex-platform>  
 MIRROR: <https://mirror.ctan.org/obsolete/systems/luatex/contrib/lualatex-platform>
- Stergiou, Andreas. *The chet package. L<sup>A</sup>T<sub>E</sub>X layout inspired by harvmac*. 2017-08-19. Version 2.2. LICENSE: lpl1.3. The package aims to streamline the work of typesetting, and to provide the look and feel of for readers.  
 URL: <https://ctan.org/pkg/chet>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chet>
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 URL: <https://ctan.org/pkg/jmsdelim>  
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 URL: <https://ctan.org/pkg/pstrees>  
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 URL: <https://ctan.org/pkg/texed>  
 MIRROR: <https://mirror.ctan.org/systems/os2/texed>
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 URL: <https://ctan.org/pkg/digestif>  
 MIRROR: <https://mirror.ctan.org/support/digestif>



- *The tikz-cd package. Create commutative diagrams with TikZ.* 2021-05-08. Version 1.0. LICENSE: lppl1.3. The general-purpose drawing package can be used to typeset commutative diagrams and other kinds of mathematical pictures, generating high-quality results. The purpose of this package is to make the process of creation of such diagrams easier by providing a convenient set of macros and reasonable default settings. This package also includes an arrow tip library that match closely the arrows present in the Computer Modern typeface.  
URL: <https://ctan.org/pkg/tikz-cd>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-cd>
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URL: <https://ctan.org/pkg/kix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kix>
- Stone, Anthony. *The bidstobibtex package. Convert BIDS returns to BibTeX.* 2016-06-24. LICENSE: noinfo. A Perl script that takes input from a email message (generated by BIDS in its downloading format) to BibTeX.  
URL: <https://ctan.org/pkg/bidstobibtex>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bids/bids.to.bibtex>
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URL: <https://ctan.org/pkg/readablecv>  
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- Story, Donald P. *The acroflex package. Create a graphing widget in a PDF file.* 2021-09-11. Version 1.7. LICENSE: lppl1  
URL: <https://ctan.org/pkg/acroflex>  
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- *The AcroMemory package. Memory games in L<sup>A</sup>T<sub>E</sub>X.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/acromemory>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acromemory](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acromemory)
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- *The acrotex package. The AcroTeX education bundle.* 2022-12-13. LICENSE: lppl  
URL: <https://ctan.org/pkg/acrotex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The acrotex-js package. JavaScript files used by acrotex and other packages.* 2021-11-07. LICENSE: lppl. In the distribution of this package are two critical JavaScript files ( and ) used by the packages , , and . Previously these JS files where distributed with the individual packages, now they are distributed by this package and must be installed according to the instructions in the folder.  
URL: <https://ctan.org/pkg/acrotex-js>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex-js>
- *The acrotex-web package. Establish a page layout for an on-screen (PDF) document.* 2021-05-12. Version 6.1.7. LICENSE: lppl1  
URL: <https://ctan.org/pkg/acrotex-web>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The AeB Pro package. Items from the AeB Pro Family of Software.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/aeb-pro>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aeb\\_pro](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aeb_pro)
- *The AeB slicing package. An image slicer.* 2021-09-11. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/aeb-slicing>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aeb-slicing](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aeb-slicing)
- *The aeb-minitoc package. Create mini-tocs.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/aeb-minitoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aeb-minitoc>
- *The aeb-mlink package. Multi-line links with hyperref.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/aeb-mlink>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_mlink](https://mirror.ctan.org/macros/latex/contrib/aeb_mlink)
- *The aeb-mobile package. Format PDF files for use on a smartphone.* 2021-09-11. Version 1.4. LICENSE: lppl  
URL: <https://ctan.org/pkg/aeb-mobile>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_mobile](https://mirror.ctan.org/macros/latex/contrib/aeb_mobile)
- Story, Donald P. *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/mkstmppdad>
- *The aebvelope package. The AeB Pro eEnvelope System.* 2021-09-11. Version 1.0. LICENSE: lppl. The package uses the concept of an ‘eEnvelope’ to direct the user’s attention to attached files. The system may use any one of four provided eEnvelope templates, or can use a custom designed template. The package is required to attach documents to the eEnvelope. AeB Pro, and hence also eEnvelope, requires Acrobat Pro, version 7.0 or later, and requires the document author to create PDF using distiller.  
URL: <https://ctan.org/pkg/aebvelope>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aebvelope](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aebvelope)
- *The aebXMP package. Add advanced metadata to PDF files.* 2021-09-11. LICENSE: lppl1.2,lppl1.2  
URL: <https://ctan.org/pkg/aebxmp>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aebxmp](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aebxmp)
- *The annot-pro package. Create text, stamp and file attachment annotations.* 2021-09-11. LICENSE: lppl  
URL: <https://ctan.org/pkg/annot-pro>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/annot\\_pro](https://mirror.ctan.org/macros/latex/contrib/annot_pro)
- *The artthreads package. Support for article threads.* 2021-09-11. Version 1.3.1. LICENSE: lppl1  
URL: <https://ctan.org/pkg/artthreads>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/artthreads>
- *The bargraph-js package. Create bar graphs using form fields and JavaScript.* 2021-09-11. Version 0.8. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/bargraph-js>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bargraph-js>
- *The cntdwn package. Support for countdowns, and for clocks in any timezone.* 2021-09-11. Version 0.6. LICENSE: lppl1  
URL: <https://ctan.org/pkg/cntdwn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cntdwn>
- *The conv-xkv package. Create new key-value syntax.* 2017-03-20. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/conv-xkv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conv-xkv>
- *The datepicker-pro package. Create a popup datepicker using SWF.* 2021-09-11. Version 1.4. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/datepicker-pro>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datepicker-pro>
- *The digicap-pro package. Creates captions to digital photos.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/digicap-pro>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/digicap-pro>
- *The docassembly package. Use the Acrobat JavaScript API.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/docassembly>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docassembly>
- *The dps package. Create a “matching” game with a hidden message.* 2021-09-11. LICENSE: lppl  
URL: <https://ctan.org/pkg/dps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dps>
- *The ecards package. Electronic flash cards.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/ecards>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecards>
- *The eforms package. eForm support for the AcroTeX bundle.* 2021-05-12. Version 2.4.3. LICENSE: lppl1  
URL: <https://ctan.org/pkg/eforms>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The endnotes-hy package. Patches the endnotes package to create hypertext links to the correct anchors.* 2020-04-16. LICENSE: lppl1.2. The package supports the creation of hypertext links in support of the package. The package modifies the syntax of the command: When the -option is used, no endnote mark is created, but the endnote itself is written. The command appears at the end of the and its arguments, rather than within the argument of the argument.  
URL: <https://ctan.org/pkg/endnotes-hy>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endnotes-hy>
- *Story, Donald P. The eq-fetchbb1 package. Match Biblical passages with verse references in a quiz.* 2021-09-11. Version 1.0. LICENSE: lppl

- URL: <https://ctan.org/pkg/eq-fetchbbl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-fetchbbl>
- *The eq-pin2corr package.* Add PIN security to the “Correct” button of a quiz created by *exerquiz*. 2021-06-05. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/eq-pin2corr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-pin2corr>
  - *The eq-save package.* Save *exerquiz* quizzes and resume. 2021-09-11. LICENSE: lppl1.2. The package has a scheme for saving data from documents so the student can return later to continue with quiz results restored.  
URL: <https://ctan.org/pkg/eq-save>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-save>
  - *The eq2db package.* Convert a quiz to one submitted to a server-side script. 2021-09-11. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/eq2db>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq2db>
  - *The eqexam package.* A stand-alone exam package. 2021-09-11. LICENSE: lppl1.2. eqExam is a L<sup>A</sup>T<sub>E</sub>X package for writing exams, tests, quizzes, homework assignments, etc. It is a stand alone package, yet is tightly integrated with the .  
URL: <https://ctan.org/pkg/eqexam>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqexam>
  - *The exerquiz package.* Environments for defining exercises and quizzes. 2021-10-13. Version 8.8.5. LICENSE: lppl1  
URL: <https://ctan.org/pkg/exerquiz>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
  - *The fc-arith package.* Create an arithmetic flash card. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/fc-arith>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/fc\\_arith](https://mirror.ctan.org/macros/latex/contrib/fc_arith)
  - *The fetchbibpes package.* Creates a DB of Bible verses from e-Sword, then fetches them on command. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/fetchbibpes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fetchbibpes>
  - *The FitR package.* Set a rectangular destination and jump to it. 2021-09-11. Version 1.3.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/fitr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fitr>
  - *The fldigial package.* Create a Flash slide show of digital photos. 2021-09-11. Version 0.6. LICENSE: lppl1  
URL: <https://ctan.org/pkg/fldigial>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/fldigial>
  - *The forms16be package.* Initialize form properties using big-endian encoding. 2019-06-03. Version 1.3. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/forms16be>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/forms16be>
  - *The graphicxbox package.* Insert a graphical image as a background. 2016-06-24. Version 1.0. LICENSE: lppl. The package defines two new commands and , which are companions to and of the . The command inserts a graphical image as a background rather than a background color, while does the same thing, but also draws a colored frame around the box.  
URL: <https://ctan.org/pkg/graphicxbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxbox>
  - *The GraphicxSP package.* An extension of the *graphicx* package. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/graphicxsp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxsp>
  - *The grayhints package.* Produce ‘gray hints’ to a variable text field. 2018-11-03. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/grayhints>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grayhints>
  - *The icon-appr package.* Creates icon appearances for form buttons. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/icon-appr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/icon-appr>
  - *The insdljs package.* Insert document-level JavaScript in L<sup>A</sup>T<sub>E</sub>X documents. 2021-06-19. Version 2.5.5. LICENSE: lppl1  
URL: <https://ctan.org/pkg/insdljs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
  - *The jj-game package.* A L<sup>A</sup>T<sub>E</sub>X class to construct Jeopardy-like games. 2021-09-11. Version 3.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/jj-game>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/jj\\_game](https://mirror.ctan.org/macros/latex/contrib/jj_game)

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 URL: <https://ctan.org/pkg/lmacs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmacs>
- *The ltx4yt package. Play YouTube videos in the default browser.* 2021-09-11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltx4yt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltx4yt>
  - *The mi-solns package. Extract solutions from exercises and quizzes.* 2019-01-12. Version 0.6. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/mi-solns>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mi-solns>
  - *The mkstmp package. Provides a simple workflow for creating custom stamps.* 2018-06-12. Version 1.1. LICENSE: lppl  
 URL: [https://ctan.org/pkg/mkstmp\\_pro](https://ctan.org/pkg/mkstmp_pro)  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mkstmpdad>
  - *The opacity-pro package. Set transparency and blend mode.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/opacity-pro>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opacity-pro>
  - *The pmdb package. Create a DB (PDF) document for selecting content for inclusion in another documents.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/pmdb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmdb>
  - *The popupmenu package. Create popup menus in PDF files.* 2021-09-11. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/popupmenu>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/popupmenu>
  - *The qrcstamps package. Create QR codes using stamps.* 2021-09-11. Version 1.0. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/qrcstamps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcstamps>
  - *The ran\_toks package. Randomise token strings.* 2021-06-06. LICENSE: lppl1  
 URL: [https://ctan.org/pkg/ran\\_toks](https://ctan.org/pkg/ran_toks)  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/ran\\_toks](https://mirror.ctan.org/macros/latex/contrib/ran_toks)
  - *The rangen package. Generate random integers, rational and decimal numbers.* 2021-09-11. Version 1.4. LICENSE: lppl1.2. The package generates random integers, rational numbers, and decimal numbers. The package uses the package to generate random integers, and then builds rational numbers and decimal numbers from the generated integers.  
 URL: <https://ctan.org/pkg/rangen>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rangen>
  - *The renditions package. Multiple versions from the same content.* 2021-09-11. Version 0.1. LICENSE: lppl. The package sets up ‘comment’ environments, called ; each rendition is thought of as a version of the basic content of the document that includes it.  
 URL: <https://ctan.org/pkg/renditions>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/renditions>
  - *The richtext package. Create rich text strings.* 2021-09-11. LICENSE: lppl1.2. The richtext package is used to create rich text strings that can, in turn, be inserted into the RV (and V) keys of text field. Currently, only the eforms package supports the RV key.  
 URL: <https://ctan.org/pkg/richtext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/richtext>
  - *The rannot package. Create rich media annotations in a PDF file.* 2021-09-11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/rannot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rannot>
  - *The Robot Man package. A fun demo of AcroTeX eDucation Bundle facilities.* 2017-04-18. LICENSE: lppl. Robot man is distributed as part of the bundle (just for fun); the source is attached to the PDF file.  
 URL: <https://ctan.org/pkg/robot-man>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/robot\\_man](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/robot_man)
  - *The thorshammer package. Assessment based on AcroTeX quizzes.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/thorshammer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thorshammer>
  - *The tile-graphic package. Create tiles of a graphical file.* 2020-05-31. LICENSE: lppl1.2. This package breaks a given graphical file into rows and columns of subgraphics, which are called tiles. The tiles can be written separately to individual PDF files, or packaged into a single PDF file.  
 URL: <https://ctan.org/pkg/tile-graphic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tile-graphic>

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 URL: <https://ctan.org/pkg/xbmks>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xbmks>
- *The yt4pdf package. Play YouTube videos in a PDF.* 2020-07-30. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/yt4pdf>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/yt4pdf>
- Straathof, Bas. *The har2nat package. Replace the harvard package with natbib.* 2019-09-28. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/har2nat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/har2nat>
- Strasser, Georg. *The beamertheme-upenn-bc package. Beamer themes for Boston College and the University of Pennsylvania.* 2017-11-20. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/beamertheme-upenn-bc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/upenn-bc>
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 The package asks the user which files to put in a command. There is provision for answering “same as last time” or “all files”.  
 URL: <https://ctan.org/pkg/askinclude>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/askinclude>
- Straube, Hilmar. *The tktexcad package. Generate L<sup>A</sup>T<sub>E</sub>X picture environments.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/tktexcad>  
 MIRROR: <https://mirror.ctan.org/graphics/tktexcad>
- Strauman, Andreas Storvik. *The exercisebank package. Creating and managing exercises, and reusing them as composed sets.* 2019-03-18. Version 0.3.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/exercisebank>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exercisebank>
- *The handin package. Light weight template for creating school submissions using L<sup>A</sup>T<sub>E</sub>X.* 2018-07-22. Version 0.1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/handin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/handin>
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 URL: <https://ctan.org/pkg/includerNw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/includerNw>
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 URL: <https://ctan.org/pkg/tcltexed>  
 MIRROR: <https://mirror.ctan.org/support/tcltexed>
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 URL: <https://ctan.org/pkg/cassette>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/cassette.tex>
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 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>
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 URL: <https://ctan.org/pkg/beamerauxtheme>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerauxtheme>
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 URL: <https://ctan.org/pkg/fp1>  
 MIRROR: <https://mirror.ctan.org/fonts/fp1>
- Stuetz, Markus. *The callouts package. Put simple annotations and notes inside a picture.* 2017-07-27. LICENSE: lppl. The package defines the environment in which callouts, notes, arrows, and the like can be placed to describe certain parts of a picture.  
 URL: <https://ctan.org/pkg/callouts>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/callouts>



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 URL: <https://ctan.org/pkg/flacards>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flacards>
- Stuhrmann, Norbert. *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>
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 URL: <https://ctan.org/pkg/ntabbing>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ntabbing>
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 URL: <https://ctan.org/pkg/csvsimple>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/csvsimple>
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 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.* 2023-03-17. Version 6.0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tcolorbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tcolorbox>
  - *The tikzfill package. TikZ libraries for filling with images and patterns.* 2022-07-26. Version 1.0.0. LICENSE: lppl1.3. This is a collection of libraries which add further options to fill paths with images and patterns. The libraries comprise fillings with images from files and from pictures. Also, patterns of hexagons and of rhombi are provided.  
 URL: <https://ctan.org/pkg/tikzfill>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzfill>
- Suárez, Fausto Mauricio Lagos. *The maker package. Include Arduino or Processing code in L<sup>A</sup>T<sub>E</sub>X documents.* 2017-07-19. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/maker>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maker>
- 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>
- Sullivan, Wayne and Volker Kunert. *The dmfonts package. Virtual fonts to provide T1 encoding.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dmfonts>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/dmfonts>



- Swift, Matt. *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 sl emph package. Slanted emphasis in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl
    - URL: <https://ctan.org/pkg/sl emph>
    - MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The swiftex package. Edit doc.sty and normal L<sup>A</sup>T<sub>E</sub>X files with GNU Emacs*. 2016-06-24. Version 1.35. LICENSE: gpl. DocTeX mode is for editing buffers containing self-documenting L<sup>A</sup>T<sub>E</sub>X code that uses the package, including the document class. DocTeX mode was designed to be significantly more useful than the alternatives provided by standard Emacs and (AUC T<sub>E</sub>X has since caught up in this regard). SwifTeX mode is for editing buffers containing normal L<sup>A</sup>T<sub>E</sub>X files and provides an alternative to the L<sup>A</sup>T<sub>E</sub>X modes in the standard Emacs distribution and in .
    - URL: <https://ctan.org/pkg/swiftex>
    - MIRROR: <https://mirror.ctan.org/support/emacs-modes/swiftex>
  - *The titles package. Titles of books, articles, etc. in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl. A L<sup>A</sup>T<sub>E</sub>X package defining macros that typeset the titles of books, journals, etc. and handle following spacing and punctuation intelligently, based on context. Useful for bibliographic databases and any document. Also includes other markup like , , , etc.
    - URL: <https://ctan.org/pkg/titles>
    - 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 `\relsize{s}`, whose argument is a number of s to change size; from this are defined commands `\relsize*`, `\relsize*`, etc.
- URL: <https://ctan.org/pkg/relsize>
  - MIRROR: <https://mirror.ctan.org/macros/latex/contrib/relsize>
- 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/mkgrindex>
  - *The grnumalt package. Ancient Greek (Athenian) numbers*. 2019-06-21. Version 1.1. LICENSE: other-nonfree. The package implements a numbering system that was used in ancient Athens, producing the ‘Athenian’ numeral for any positive number. The package’s command can (in principle) be used to provide alternative typeset display of the value of counters.  
URL: <https://ctan.org/pkg/grnumalt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grnumalt>
  - *The grtimes package. Typeset Greek text with Times New Roman Greek*. 2019-06-21. Version 1.0. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/grtimes>  
MIRROR: <https://mirror.ctan.org/fonts/greek/grtimes>
  - *The grverb package. Typesetting Greek verbatim*. 2019-06-21. Version 1.0. LICENSE: other-nonfree. The package provides verbatim typesetting, in the context of the Greek option in . The package uses the public domain font, and the font itself (in Type 1 format), metrics and a font map entry for its use are provided.  
URL: <https://ctan.org/pkg/grverb>  
MIRROR: <https://mirror.ctan.org/language/greek/grverb>
  - *The hellas package. Typeset bibliographies which include Greek*. 2016-06-24. LICENSE: other-free. Hellas is a BibTeX style, based on the standard plain style, for typesetting databases that containing both Greek and non-Greek bibliographic records. For most bibliographic record types there is an equivalent record type whose name begins with the prefix . These records may have fields and in addition to the fields one might expect in a standard BibTeX record.  
URL: <https://ctan.org/pkg/hellas>  
MIRROR: <https://mirror.ctan.org/language/greek/BibTeX>
  - *The linearA package. Linear A script fonts*. 2022-04-29. LICENSE: lppl  
URL: <https://ctan.org/pkg/linearA>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/linearA>
  - *The mf2pt3 package. Create Adobe Type 3 fonts*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/mf2pt3>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/mf2pt3>
  - *The multibbl package. Multiple bibliographies*. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/multibbl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multibbl>
  - *The ocherokee package. L<sup>A</sup>T<sub>E</sub>X Support for the Cherokee language*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/ocherokee>  
MIRROR: <https://mirror.ctan.org/language/ Cherokee/ocherokee>
  - *The oinuit package. L<sup>A</sup>T<sub>E</sub>X Support for the Inuktitut Language*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/oinuit>  
MIRROR: <https://mirror.ctan.org/language/inuktitut/oinuit>
  - *The phaistos package. Disk of Phaistos font*. 2022-12-14. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/phaistos>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/phaistos>

- Syropoulos, Apostolos. *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 Xe<sub>Λ</sub>TeX*. 2019-11-14. Version 1.0. LICENSE: lppl1.3.  
 The package extends package so it can be used with Xe<sub>Λ</sub>TeX. It introduces the new option for use with Xe<sub>Λ</sub>TeX. Everything else remains the same and users should consult the original documentation for usage information.  
 URL: <https://ctan.org/pkg/xexchangebar>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xexchangebar>
  - *The xecyrmongolian package. Basic support for the typesetting of Cyrillic Mongolian documents using (Xe/Lua)LaTeX*. 2019-12-21. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xecyrmongolian>  
 MIRROR: <https://mirror.ctan.org/language/mongolian/xecyrmongolian>
  - *The xesoul package. Use the soul package with Xe<sub>Λ</sub>TeX*. 2021-04-08. Version 1.0. LICENSE: lppl1.3c. This package allows the use of the package (hyphenation within letterspacing, underlining and others) with Xe<sub>Λ</sub>TeX.  
 URL: <https://ctan.org/pkg/xesoul>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xesoul>
  - *The xetex-greek package. Hyphenation for different variants of Greek, under XeTeX*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xetex-greek>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/hyphenation/greek>
  - *The xgreek package. Greek Language Support for Xe<sub>Λ</sub>TeX and LuaLaTeX*. 2022-09-05. Version 3.2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xgreek>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xgreek>
- Syropoulos, Apostolos and Jens Elstner. *The xespotcolor package. Spot colours support for Xe<sub>Λ</sub>TeX*. 2021-03-06. Version 2.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xespotcolor>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xespotcolor>
- Syropoulos, Apostolos, Dimitrios Filippou, and Günter Milde. *The greek-inputenc package. Greek encoding support for inputenc*. 2023-03-21. Version 1.9. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/greek-inputenc>  
 MIRROR: <https://mirror.ctan.org/language/greek/greek-inputenc>
- Syropoulos, Apostolos and Ioannis Gamvetas. *The philokalia package. A font to typeset the Philokalia Books*. 2018-01-06. Version 1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/philokalia>  
 MIRROR: <https://mirror.ctan.org/fonts/philokalia>
- Syropoulos, Apostolos and Philip Kime. *The biber-solaris package. Biber binaries for Solaris*. 2022-07-08. Version 2.18. LICENSE: artistic2  
 URL: <https://ctan.org/pkg/biber-solaris>  
 MIRROR: <https://mirror.ctan.org/biblio/biber/biber-solaris>
- Syropoulos, Apostolos, Javier Bezos López, Johannes L. Braams, and Günter Milde. *The babel-greek package. Babel support for the Greek language and script*. 2023-06-01. Version 1.13.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-greek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/greek>
- Syropoulos, Apostolos and Dick Nickalls. *The ascii-font package. Use the ASCII “font” in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ascii-font>  
 MIRROR: <https://mirror.ctan.org/fonts/ascii>
- *The decimal package. L<sup>A</sup>T<sub>E</sub>X package for the English raised decimal point*. 2016-06-24. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/decimal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/decimal>
- Syropoulos, Apostolos and Dick Nickalls. *The mathspic package. A Perl filter program for use with P<sub>I</sub>C<sub>T</sub>E<sub>X</sub>*. 2016-06-24. Version 1.13. LICENSE: lppl



- URL: <https://ctan.org/pkg/mathspic>  
 MIRROR: <https://mirror.ctan.org/graphics/mathspic>
- Syropoulos, Apostolos and Yannis Potamianos. *The elmath package. Mathematics in Greek texts*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/elmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elmath>
- Szabó, Péter. *The a2ping package. Advanced PS, PDF, EPS converter*. 2019-11-28. Version 2.84p. LICENSE: gpl. a2ping is a Perl script command line utility written for Unix that converts many raster image and vector graphics formats to EPS or PDF and other page description formats. Accepted input file formats are: PS (PostScript), EPS, PDF, PNG, JPEG, TIFF, PNM, BMP, GIF, LBM, XPM, PCX, TGA. Accepted output formats are: EPS, PCL5, PDF, PDF1, PBM, PGM, PPM, PS, markedEPS, markedPS, PNG, XWD, BMP, TIFF, JPEG, GIF, XPM. a2ping delegates the low-level work to Ghostscript (GS), pdftops and . a2ping fixes many glitches during the EPS to EPS conversion, so its output is often more compatible and better embeddable than its input.  
 URL: <https://ctan.org/pkg/a2ping>  
 MIRROR: <https://mirror.ctan.org/graphics/a2ping>
- *The anyfontsize package. Select any font size in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/anyfontsize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anyfontsize>
  - *The babel-hungarian package. Babel support for Hungarian (Magyar)*. 2019-01-14. Version 1.5c. LICENSE: lppl. The package provides a language definition file that enables support of Magyar (Hungarian) with .  
 URL: <https://ctan.org/pkg/babel-hungarian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hungarian>
  - *The examplep package. Verbatim phrases and listings in L<sup>A</sup>T<sub>E</sub>X*. 2020-05-09. Version 0.04. LICENSE: gpl  
 URL: <https://ctan.org/pkg/examplep>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/examplep>
  - *The graphicp package. An enhanced version of graphics*. 2016-06-24. Version 0.12. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/graphicp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/exptl/graphicp>
  - *The latex-uni8 package. Universal inputenc, fontenc, and babel for pdfL<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>TeX*. 2019-01-20. Version 0.03. LICENSE: lppl. This package provides a L<sup>A</sup>T<sub>E</sub>X style file which makes it easy to use input encoding (UTF-8 by default, can be changed), (optional), (T1 if is not used), (English language by default), hyphenation, underline (with ), default text and math fonts (Computer Modern or Times), and paper sizes correctly with both pdfL<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>TeX.  
 URL: <https://ctan.org/pkg/latex-uni8>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/latex-uni8>
  - *The sam2p package. Convert bitmap formats to compact PS/PDF*. 2021-09-15. Version 0.49.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/sam2p>  
 MIRROR: <https://mirror.ctan.org/graphics/sam2p>
  - *The tt2001 package. Type 1 EC fonts generated by T<sub>E</sub>Xtrace*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tt2001>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/tt2001>
- Takato, Setsuo. *The ketcindy package. Creating graphics for T<sub>E</sub>X using Cinderella*. 2021-03-10. Version 20191225.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/ketcindy>  
 MIRROR: <https://mirror.ctan.org/graphics/ketcindy>
- Takeda, Shiro. *The econ-bst package. BibT<sub>E</sub>X style for economics papers*. 2022-01-05. Version 3.1.1. LICENSE: lppl1.3. This is a BibT<sub>E</sub>X style file for papers in economics. It provides the following features:  
 URL: <https://ctan.org/pkg/econ-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/econ-bst>
- Talbot, Nicola. *The bib2gls package. Command line application to convert .bib files to glossaries-extra.sty resource files*. 2023-04-25. Version 3.3. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/bib2gls>  
 MIRROR: <https://mirror.ctan.org/support/bib2gls>
- *The csvtools package. Reading data from CSV files*. 2016-06-24. Version 1.24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/csvtools>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/csvtools>
  - *The datatool package. Tools to load and manipulate data*. 2019-09-27. Version 2.32. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datatool>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datatool>

- Talbot, Nicola. *The datatooltk package. A Java GUI for preparing datatool input*. 2018-07-06. Version 1.9. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/datatooltk>  
 MIRROR: <https://mirror.ctan.org/support/datatooltk>
- *The datetime package. Change format of \today with commands for current time*. 2016-06-24. Version 2.60. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datetime>
  - *The datetime2 package. Formats for dates, times and time zones*. 2021-03-21. Version 1.5.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2>
  - *The datetime2-bahasa package. Bahasa language module for the datetime2 package*. 2018-01-10. Version 1.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-bahasa>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bahasa>
  - *The datetime2-breton package. Breton language module for the datetime2 package*. 2019-11-05. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-breton>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-breton>
  - *The datetime2-bulgarian package. Bulgarian language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-bulgarian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bulgarian>
  - *The datetime2-catalan package. Catalan language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-catalan>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-catalan>
  - *The datetime2-czech package. Czech language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-czech>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-czech>
  - *The datetime2-danish package. Danish language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-danish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-danish>
  - *The datetime2-dutch package. Dutch language module for the datetime2 package*. 2018-04-07. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-dutch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-dutch>
  - *The datetime2-en-fulltext package. English Full Text styles for the datetime2 package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-en-fulltext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-en-fulltext>
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 This module provides the following styles that can be set using provided by . The region not only determines the date/time format but also the time zone abbreviations if the zone mapping setting is on.  
 URL: <https://ctan.org/pkg/datetime2-english>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-english>
  - *The datetime2-esperanto package. Esperanto language module for the datetime2 package*. 2018-04-07. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-esperanto>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-esperanto>
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 URL: <https://ctan.org/pkg/datetime2-estonian>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-irish>
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URL: <https://ctan.org/pkg/datetime2-latin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-latin>
  - *The datetime2-lsorbian package. Lower Sorbian language module for the datetime2 package.* 2018-05-18. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-lsorbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-lsorbian>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-slovak>
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URL: <https://ctan.org/pkg/dickimaw>  
MIRROR: <https://mirror.ctan.org/info/dickimaw>
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URL: <https://ctan.org/pkg/doipubmed>  
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URL: <https://ctan.org/pkg/flowfram>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-english>
  - *The glossaries-extra package*. An extension to the glossaries package. 2023-04-25. Version 1.51. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-extra>
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 URL: <https://ctan.org/pkg/glossaries-serbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-serbian>
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 URL: <https://ctan.org/pkg/glossaries-spanish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-spanish>
  - *The glossary package. Create a glossary*. 2016-06-24. Version 2.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/glossary>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/glossary>
  - *The jmakepdfx package. A Java interface to Ghostscript to convert PDF to PDF/X*. 2017-04-18. Version 0.3b. LICENSE: gpl. The package provides Java GUI application that uses Ghostscript to convert PDF files to PDF/X. There is a choice of CMYK or greyscale profile. This uses Ghostscript’s setting, which is analogous to Acrobat Distiller’s “Prepress Optimized” setting.  
 URL: <https://ctan.org/pkg/jmakepdfx>  
 MIRROR: <https://mirror.ctan.org/support/jmakepdfx>
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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>
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 URL: <https://ctan.org/pkg/nlctdoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nlctdoc>
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 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>  
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 URL: <https://ctan.org/pkg/testidx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/testidx>
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 URL: <https://ctan.org/pkg/tex-locale>  
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 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 reimplementation of the L<sup>A</sup>T<sub>E</sub>X for-loop macro.* 2016-06-24. Version 1.05. LICENSE: lppl. The package redefines the L<sup>A</sup>T<sub>E</sub>X internal macro so that the loop may be prematurely terminated. The action is akin to the C/Java statement, except that the loop does not terminate until the end of the current iteration  
 URL: <https://ctan.org/pkg/xfor>  
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 URL: <https://ctan.org/pkg/fmtcount>  
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 URL: <https://ctan.org/pkg/makedtx>  
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 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>
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 URL: <https://ctan.org/pkg/convbkmk>  
 MIRROR: <https://mirror.ctan.org/support/convbkmk>
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 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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- *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>  
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 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)
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 URL: <https://ctan.org/pkg/cropmrks>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/cropmrks.tex>
  - *The letterspacing package. Letter spacing*. 2020-04-11. LICENSE: knuth  
 URL: <https://ctan.org/pkg/letterspacing>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/letterspacing.tex>
  - *The path package. Typeset paths, making them breakable*. 2016-06-24. Version 3.05. LICENSE: other-free. Defines a macro , similar to the L<sup>A</sup>T<sub>E</sub>X , that sets the text in typewriter font and allows hyphen-less breaks at punctuation characters. The set of characters to be regarded as punctuation may be changed from the package's default.  
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 MIRROR: <https://mirror.ctan.org/macros/generic/path>
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 MIRROR: <https://mirror.ctan.org/info/apprendre-a-programmer-en-tex>
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 MIRROR: <https://mirror.ctan.org/macros/generic/autoaligne>
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 MIRROR: <https://mirror.ctan.org/macros/generic/chemfig>
  - *The dijkstra package. Dijkstra algorithm for L<sup>A</sup>T<sub>E</sub>X.* 2022-10-01. Version 0.13. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/dijkstra>  
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 URL: <https://ctan.org/pkg/tabularcalc>  
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 MIRROR: <https://mirror.ctan.org/fonts/accanthis>
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MIRROR: <https://mirror.ctan.org/fonts/alkalami>
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URL: <https://ctan.org/pkg/almendra>  
MIRROR: <https://mirror.ctan.org/fonts/almendra>
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URL: <https://ctan.org/pkg/andika>  
MIRROR: <https://mirror.ctan.org/fonts/andika>
  - *The arimo package. Arimo sans serif fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-28. LICENSE: apache2  
URL: <https://ctan.org/pkg/arimo>  
MIRROR: <https://mirror.ctan.org/fonts/arimo>
  - *The atkinson package. Support for the Atkinson Hyperlegible family of fonts*. 2022-09-14. LICENSE: lppl,other-free  
URL: <https://ctan.org/pkg/atkinson>  
MIRROR: <https://mirror.ctan.org/fonts/atkinson>
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URL: <https://ctan.org/pkg/biolinum-type1>  
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MIRROR: <https://mirror.ctan.org/fonts/bitter>
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URL: <https://ctan.org/pkg/cabin>  
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MIRROR: <https://mirror.ctan.org/fonts/caladea>
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URL: <https://ctan.org/pkg/carlito>  
MIRROR: <https://mirror.ctan.org/fonts/carlito>
  - *The CharisSIL package. CharisSIL fonts with support for all L<sup>A</sup>T<sub>E</sub>X engines*. 2022-11-12. Version 6.101. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/charissil>  
MIRROR: <https://mirror.ctan.org/fonts/charissil>
  - *The cinzel package. L<sup>A</sup>T<sub>E</sub>X support for Cinzel and Cinzel Decorative fonts*. 2022-09-29. LICENSE: ofl,lppl. Cinzel and Cinzel Decorative fonts, designed by Natanael Gama ), find their inspiration in first century roman inscriptions, and are based on classical proportions. Cinzel is all-caps (similar to and Michelangelo), but is available in three weights (Regular, Bold, Black). There are no italic fonts, but there are Decorative variants, which can be selected by the usual italic-selection commands in the package's L<sup>A</sup>T<sub>E</sub>X support.  
URL: <https://ctan.org/pkg/cinzel>  
MIRROR: <https://mirror.ctan.org/fonts/cinzel>
  - *The classico package. URW Classico fonts*. 2022-09-30. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/classico>  
MIRROR: <https://mirror.ctan.org/fonts/urw/classico>
  - *The clearsans package. Clear Sans fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-15. LICENSE: apache2,lppl  
URL: <https://ctan.org/pkg/clearsans>  
MIRROR: <https://mirror.ctan.org/fonts/clearsans>
  - *The coelacanth package. Coelacanth fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-30. Version 0.005. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/coelacanth>  
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 URL: <https://ctan.org/pkg/cormorantgaramond>  
 MIRROR: <https://mirror.ctan.org/fonts/cormorantgaramond>
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 URL: <https://ctan.org/pkg/crimson>  
 MIRROR: <https://mirror.ctan.org/fonts/crimson>
  - *The CrimsonPro package. CrimsonPro fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-30. LICENSE: ofl,lppl. The CrimsonPro fonts are designed by Jacques Le Bailly and derived from the designed by Sebastian Kosch. The family includes eight weights and italics for each weight.  
 URL: <https://ctan.org/pkg/crimsonpro>  
 MIRROR: <https://mirror.ctan.org/fonts/crimsonpro>
  - *The ebgaramond 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/ebgaramond>  
 MIRROR: <https://mirror.ctan.org/fonts/ebgaramond>
  - *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>
  - *The imfellflowers package. IM Fell Flower OpenType fonts*. 2019-10-14. LICENSE: nosell  
 URL: <https://ctan.org/pkg/imfellflowers>  
 MIRROR: <https://mirror.ctan.org/fonts/imfellflowers>
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 URL: <https://ctan.org/pkg/josefin>  
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 URL: <https://ctan.org/pkg/libertine>  
 MIRROR: <https://mirror.ctan.org/fonts/libertine>
  - *The libertine-type1 package. (pdf)L<sup>A</sup>T<sub>E</sub>X support for the Libertine family of fonts*. 2016-06-24. Version 5.3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/libertine-type1>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/libertine-type1>
- Tennent, Bob. *The libertinus-type1 package. Support for using Libertinus fonts with L<sup>A</sup>T<sub>E</sub>X/pdfLaTeX*. 2022-11-07. LICENSE: gpl2,ofl,lppl  
 URL: <https://ctan.org/pkg/libertinus-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus-type1>

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URL: <https://ctan.org/pkg/librebaskerville>  
MIRROR: <https://mirror.ctan.org/fonts/librebaskerville>
  - *The librebodoni package. Libre Bodoni fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-18. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/librebodoni>  
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  
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MIRROR: <https://mirror.ctan.org/macros/latex/required/amsmath>

— *The amsopn package. Typeset mathematical operator names*. 2023-06-09. Version 2.04. LICENSE: lppl1.3c. Part of the distribution, this package defines a command that may be used to define commands like the L<sup>A</sup>T<sub>E</sub>X built-in commands and ; the command allows ad-hoc operator names in the body of a document.  
URL: <https://ctan.org/pkg/amsopn>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/amsmath>

— *The amstext package. Typeset text fragments in mathematics*. 2023-06-09. Version 2.01. LICENSE: lppl1.3c. Part of the distribution, this package defines a macro, which makes it easy to incorporate fragments of text inside a displayed equation or a sub or superscript. The font used is the “surrounding text font” and sizes are automatically scaled in sub/superscripts.  
URL: <https://ctan.org/pkg/amstext>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/amsmath>

— *The article package. Default class for composing an article*. 2023-06-09. Version 1.4n. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/article>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>

— *The book package. A class for typesetting books*. 2023-06-09. Version 1.4n. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/book>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>

— *The cfgguide package. Documentation of L<sup>A</sup>T<sub>E</sub>X configuration options*. 2019-10-04. LICENSE: lppl  
URL: <https://ctan.org/pkg/cfgguide>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>

The L<sup>A</sup>T<sub>E</sub>X Project Team. *The classes package. The source of L<sup>A</sup>T<sub>E</sub>X’s standard classes*. 2023-06-09. Version 1.4n. LICENSE: lppl1.3c. The , , and classes of (and their class option files) all derive from a single source file, ; its contents are extracted to the class files themselves in the course of installing L<sup>A</sup>T<sub>E</sub>X.

- URL: <https://ctan.org/pkg/classes>
- MIRROR: <https://mirror.ctan.org/macros/latex/base>
- *The clsguide package. Documentation of L<sup>A</sup>T<sub>E</sub>X class and package writing.* 2019-10-04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/clsguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
- *The cmextra-latex package. Install macros for “standard” fonts not used by L<sup>A</sup>T<sub>E</sub>X itself.* 2023-06-09. LICENSE: lppl1.3c. This file extracts font definition files for extra Computer-Modern-based fonts: the fonts by Knuth (and their ), and the Cyrillic fonts from the University of Washington (in their variant. (The sources of these font definition files are present in the L<sup>A</sup>T<sub>E</sub>X distribution, but they are not extracted by default.)  
 URL: <https://ctan.org/pkg/cmextra-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base/cmextra.ins>
- *The ctablestack package. Catcode table stable support.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ctablestack>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/ctablestack>
- *The cyrillic package. Support for Cyrillic fonts in L<sup>A</sup>T<sub>E</sub>X.* 2022-06-16. Version 2022-06-01-PL1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-cyrillic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/cyrillic>
- *The dvisvgm-def package. Colour and Graphics support for dvisvgm.* 2022-09-23. Version 1.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/dvisvgm-def>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphics-def>
- *The expl3 package. Wrapper package for experimental L<sup>A</sup>T<sub>E</sub>X3.* 2023-06-05. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/exp13>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3kernel>
- *The fixltx2e package. Patches for L<sup>A</sup>T<sub>E</sub>X.* 2023-06-09. Version 2.1a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fixltx2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
- *The fntguide package. Documentation of L<sup>A</sup>T<sub>E</sub>X font commands.* 2021-08-26. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fntguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
- *The fontenc package. Standard package for selecting font encodings.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fontenc>
- *The graphics-cfg package. Sample configuration files for L<sup>A</sup>T<sub>E</sub>X color and graphics.* 2017-04-18. LICENSE: pd  
 URL: <https://ctan.org/pkg/graphics-cfg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphics-cfg>
- *The l3backend package. LaTeX3 backend drivers.* 2023-04-19. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3backend>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3backend>
- *The l3build package. A testing and building system for (La)TeX.* 2023-03-27. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3build>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3build>
- *The l3docstrip package. Strip documentation in L<sup>A</sup>T<sub>E</sub>X3 source.* 2023-06-05. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3docstrip>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3kernel>
- *The l3experimental package. Experimental L<sup>A</sup>T<sub>E</sub>X3 concepts.* 2023-05-11. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3experimental>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3experimental>
- *The l3kernel package. LaTeX3 programming conventions.* 2023-06-05. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3kernel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3kernel>
- *The l3keys2e package. LaTeX2e option processing using L<sup>A</sup>T<sub>E</sub>X3 keys.* 2023-02-02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3keys2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
- The L<sup>A</sup>T<sub>E</sub>X Project Team. *The l3packages package. High-level L<sup>A</sup>T<sub>E</sub>X3 concepts.* 2023-02-02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/l3packages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>

- [illegible]

- *The latex-amsmath package. AMS mathematical facilities for L<sup>A</sup>T<sub>E</sub>X.* 2023-06-09. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/latex-amsmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/amsmath>

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

- *The latex-base-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X kernel.* 2023-06-11. Version 2023-11-01 pre-release 0. LICENSE: lpp1.3c. This package provides a testing release for upcoming L<sup>A</sup>T<sub>E</sub>X2e kernel changes. Testing by the L<sup>A</sup>T<sub>E</sub>X team itself suggests that the code is stable and usable, but wider use by knowledgeable users is required by adding these changes to the release L<sup>A</sup>T<sub>E</sub>X kernel. Typically, the code here will be used by a T<sub>E</sub>X system to create dedicated formats, for example , which can then be used explicitly for testing.
- URL: <https://ctan.org/pkg/latex-base-dev>  
MIRROR: <https://mirror.ctan.org/macros/latex-dev/base>

- *The latex-doc package. Documentation supplied as part of the L<sup>A</sup>T<sub>E</sub>X distribution.* 2023-06-09. LICENSE: lpl1.3c. A collection of documentation that is provided with L<sup>A</sup>T<sub>E</sub>X itself, listed in the package. Note that (apart from notices of releases) the documentation mostly covers changes and details of adaptations; there are no complete tutorials, such as you might find in the or the .  
URL: <https://ctan.org/pkg/latex-doc>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>

- *The latex-firstaid package. First aid for external L<sup>A</sup>T<sub>E</sub>X files and packages that need updating.* 2023-06-09. Version 1.0z. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/latex-firstaid>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/firstaid>

- *The latex-firstaid-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X firstaid package.* 2023-05-25. Version 1.0z. LICENSE: lpp1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.
- URL: <https://ctan.org/pkg/latex-firstaid-dev>
- MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/firstaid>

- *The latex-graphics package. The L<sup>A</sup>T<sub>E</sub>X standard graphics bundle.* 2022-11-01. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/latex-graphics>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>

- *The latex-graphics-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X graphics bundle.* 2023-06-11. Version 2023-11-01 pre-release 0. LICENSE: lpl1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.
- URL: <https://ctan.org/pkg/latex-graphics-dev>
- MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/graphics>

- *The latex-lab package*. L<sup>A</sup>T<sub>E</sub>X laboratory. 2023-06-09. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/latex-lab>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/latex-lab>

- *The latex-lab-dev package. L<sup>A</sup>T<sub>E</sub>X laboratory: Development pre-release.* 2023-06-11. Version 2023-11-01 pre-release 0. LICENSE: lpp1.3c. This package provides a testing release for upcoming changes to the bundle, which provides a route for additions to the L<sup>A</sup>T<sub>E</sub>X kernel to be stabilised. It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.  
URL: <https://ctan.org/pkg/latex-lab-dev>  
MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/latex-lab>

- [illegible]

The L<sup>A</sup>T<sub>E</sub>X Project Team. *The latex-tools-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X tools bundle*. 2023-06-11. Version 2023-11-01 pre-release 0. LICENSE: lppl1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.

- URL: <https://ctan.org/pkg/latex-tools-dev>
  - MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/tools>
  - *The latexbug package.* Bug-classification for L<sup>A</sup>T<sub>E</sub>X related bugs. 2022-06-14. Version 1.0n. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/latexbug>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/latexbug>
  - *The latexrelease package.* L<sup>A</sup>T<sub>E</sub>X release emulation. 2023-06-09. Version 1.0p. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/latexrelease>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The makeidx package.* Standard L<sup>A</sup>T<sub>E</sub>X package for creating indexes. 2023-06-09. Version 1.0m. LICENSE: lppl,lppl1.3c  
 URL: <https://ctan.org/pkg/makeidx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The minimal package.* A trivial class, for use when testing. 2023-06-09. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/minimal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The modguide package.* The rules about modifying L<sup>A</sup>T<sub>E</sub>X. 2019-10-04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/modguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The pdfmanagement-testphase package.* L<sup>A</sup>T<sub>E</sub>X PDF management testphase bundle. 2023-03-09. Version 0.95x. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pdfmanagement-testphase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfmanagement-testphase>
  - *The proc package.* Class for producing “proceedings”. 2023-06-09. Version 1.3m. LICENSE: lppl1.3c. The class provides basic facilities for typesetting the proceedings of an event; it is an extension of the standard .  
 URL: <https://ctan.org/pkg/proc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The report package.* Typeset a multi-chapter report. 2023-06-09. Version 1.4n. LICENSE: lppl1.3c. The class provides typesetting rather similar to that of the , omitting some features relevant only when professional book-publishing is to be used.  
 URL: <https://ctan.org/pkg/report>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The shell esc package.* Unified shell escape interface for L<sup>A</sup>T<sub>E</sub>X. 2023-06-09. Version 1.0d. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/shelle sc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The shortvrb package.* Abbreviated verbatim commands. 2023-06-09. Version 3.0m. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/shortvrb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The source2e package.* L<sup>A</sup>T<sub>E</sub>X2e kernel documentation for the entire system as one document. 2017-04-18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/source2e>
  - *The t1enc package.* Standard package for activating ec fonts. 2016-06-24. LICENSE: lppl. Obsolete package for activating T1 font encoding. The replacement package with (optional) argument does this task more satisfactorily.  
 URL: <https://ctan.org/pkg/t1enc>
  - *The usrguide package.* User-mode documentation for L<sup>A</sup>T<sub>E</sub>X. 2019-10-04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/usrguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The xcoeffins package.* Rich boxed material for L<sup>A</sup>T<sub>E</sub>X 3. 2023-05-11. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xcoeffins>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3experimental>
  - *The xfp package.* Interface to the L<sup>A</sup>T<sub>E</sub>X3 floating point unit. 2023-02-02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xfp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
- The L<sup>A</sup>T<sub>E</sub>X Project Team. *The xgalley package.* Control text feeding onto the page. 2023-05-11. LICENSE: lppl1.3c. The package, currently distributed as part of the bundle, provides control over the boxes that accept material as a page is filled.  
 URL: <https://ctan.org/pkg/xgalley>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3experimental/xgalley.dtx>



- *The xparse package. A generic document command parser.* 2023-02-02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xparse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
- *The xtemplate package. A high-level interface for declaring document commands.* 2023-02-02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xtemplate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and David Carlisle. *The autopict package. The L<sup>A</sup>T<sub>E</sub>X picture mode, for use with Plain T<sub>E</sub>X.* 2021-11-15. Version 1.1k. LICENSE: lppl. The installer for this package is distributed with the bundle; the source for the installer is part of the .  
 URL: <https://ctan.org/pkg/autopict>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics/autopict.sty>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Vafa Khalighi. *The iftex package. Am I running under pdfT<sub>E</sub>X, XeT<sub>E</sub>X or LuaT<sub>E</sub>X?* 2022-02-05. Version 1.0f. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/iftex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Leslie Lamport. *The latex package. A T<sub>E</sub>X macro package that defines L<sup>A</sup>T<sub>E</sub>X.* 2023-06-09. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/latex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Werner Lemberg. *The encguide package. Documentation of L<sup>A</sup>T<sub>E</sub>X font encodings.* 2019-10-04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/encguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Frank Mittelbach. *The latex-base package. Base sources of L<sup>A</sup>T<sub>E</sub>X.* 2023-06-09. LICENSE: lppl1.3c. This bundle comprises the source of L<sup>A</sup>T<sub>E</sub>X itself, together with several packages which are considered ‘part of the kernel’. This bundle, together with the packages, constitutes what every L<sup>A</sup>T<sub>E</sub>X distribution should contain.  
 URL: <https://ctan.org/pkg/latex-base>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
- The L<sup>A</sup>T<sub>E</sub>X Project Team, Frank Mittelbach, and Leslie Lamport. *The unpacked package. Unpacked copy of the L<sup>A</sup>T<sub>E</sub>X sources.* 2017-04-18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/unpacked>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Heiko Oberdiek. *The ifluatex package. Provides the \ifluatex switch.* 2022-02-05. Version 1.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ifluatex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- *The ifpdf package. Provides the \ifpdf conditional.* 2022-02-05. Version 3.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ifpdf>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- *The ifvtex package. Detects use of VT<sub>E</sub>X and its facilities.* 2022-02-05. Version 1.7. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ifvtex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team, Sebastian Rahtz, Walter A. Schmidt, and Vladimir Volovich. *The required package. Packages “required” of a L<sup>A</sup>T<sub>E</sub>X distribution.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/required>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Will Robertson. *The ifxetex package. Am I running under XeT<sub>E</sub>X?* 2022-02-05. Version 0.7. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ifxetex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Martin Scharer. *The ifetex package. Provides \ifetex switch.* 2022-10-26. Version 1.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ifetex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team, Kresten Krab Thorup, and Frank Jensen. *The calc package. Simple arithmetic in L<sup>A</sup>T<sub>E</sub>X commands.* 2023-06-09. Version 4.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/calc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>

- The L<sup>A</sup>T<sub>E</sub>X Project Team and Joseph Wright. *The graphics-def package. Colour and graphics option files.* 2022-09-23. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/graphics-def>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphics-def>
- The STI Pub Companies, Mark Doyle, Khaled Hosny, Will Robertson, and David M. Jones. *The stix package. OpenType Unicode maths fonts.* 2018-04-18. Version 1.1.3. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/stix>  
 MIRROR: <https://mirror.ctan.org/fonts/stix>
- The STI Pub Companies and David M. Jones. *The stix2-otf package. OpenType Unicode text and maths fonts.* 2021-04-02. Version 2.12. LICENSE: ofl  
 URL: <https://ctan.org/pkg/stix2-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/stix2-otf>
- *The stix2-type1 package. Type1 versions of the STIX Two OpenType fonts.* 2021-01-16. Version 2.0.2. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/stix2-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/stix2-type1>
- Theiling, Henrik. *The eurosym package. Metafont and macros for Euro sign.* 2017-04-18. Version 1.4-subrfix. LICENSE: other-free  
 URL: <https://ctan.org/pkg/eurosym>  
 MIRROR: <https://mirror.ctan.org/fonts/eurosym>
- Thiele, Christina. *The ttn package. TeX and TUG news archive.* 2016-06-24. LICENSE: digest  
 URL: <https://ctan.org/pkg/ttn>  
 MIRROR: <https://mirror.ctan.org/info/digests/ttn>
- Thielemann, Jens T. Berger and Ivan Andrus. *The chktex package. Check for errors in L<sup>A</sup>T<sub>E</sub>X documents.* 2022-10-18. Version 1.7.8. LICENSE: gpl2+. The program reports typographic and other errors in L<sup>A</sup>T<sub>E</sub>X documents. Filters are also provided for checking the L<sup>A</sup>T<sub>E</sub>X parts of documents.  
 URL: <https://ctan.org/pkg/chktex>  
 MIRROR: <https://mirror.ctan.org/support/chktex>
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 URL: <https://ctan.org/pkg/epigrafica>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/epigrafica>
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 URL: <https://ctan.org/pkg/fontsetup>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/fontsetup>
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 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/fontsetup-nonfree>
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 MIRROR: <https://mirror.ctan.org/fonts/greek/gfs/gfssolomos>
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 URL: <https://ctan.org/pkg/gfsdidotclassic>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/gfs/gfsdidotclassic>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/greekdates>

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

MIRROR: <https://mirror.ctan.org/fonts/greek/kerkis>

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MIRROR: <https://mirror.ctan.org/fonts/greek/talos>

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MIRROR: <https://mirror.ctan.org/fonts/greek/gfs/gfsartemisia>

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

MIRROR: <https://mirror.ctan.org/fonts/greek/gfs/gfsbaskerville>

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MIRROR: <https://mirror.ctan.org/fonts/greek/gfs/gfsbodoni>

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

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URL: <https://ctan.org/pkg/autotoc>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/autotoc.tex>
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MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/baum>
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URL: <https://ctan.org/pkg/beamertheme-tcolorbox>  
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MIRROR: <https://mirror.ctan.org/fonts/psfonts/bitstrea>
- *The blackletter package. A blackletter font.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/blackletter>  
MIRROR: <https://mirror.ctan.org/fonts/blackletter>
- *The bmstu-iu8 package. A class for IU8 reports.* 2022-01-25. Version 1.2. LICENSE: mit  
URL: <https://ctan.org/pkg/bmstu-iu8>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bmstu-iu8>
- *The book-examples package. A collection of examples from published T<sub>E</sub>X-related books.* 2016-06-24. LICENSE: collection  
URL: <https://ctan.org/pkg/book-examples>
- *The boxit package. Draw a box around a text.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/boxit>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/boxit.tex>
- *The BUCTthesis package. Beijing University of Chemical Technology Thesis Template.* 2022-07-29. Version 1.4.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/buctthesis>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/buctthesis>
- *The cdcmd package. Expandable conditional commands for L<sup>A</sup>T<sub>E</sub>X.* 2021-10-15. Version 1.0. LICENSE: lppl1.3c. This package provides some conditional commands, just like the package. The difference is that can define conditional commands.  
URL: <https://ctan.org/pkg/cdcmd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cdcmd>
- *The chhaya package. Linguistic glossing in Marathi language.* 2022-01-21. Version 0.4. LICENSE: gpl3+,other-free,fdl  
URL: <https://ctan.org/pkg/chhaya>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/chhaya>
- Unknown. *The ChineseJFM package. Luatexja-jfm files for Chinese typesetting.* 2021-02-15. Version 1.1.1. LICENSE: mit. ChineseJFM is a series of luatexja-jfm files for better Chinese typesetting, providing , , and three styles and other fancy features. It can be used for both horizontal and vertical writing mode in Simplified/Traditional Chinese or Japanese fonts.

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

- *The espo package. Customisation for Esperanto.* 2016-06-24. LICENSE: noinfo. The package provides a modest set of macros for use in Esperanto documents. The package provides a wider set of macros.  
URL: <https://ctan.org/pkg/espo>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/espo.sty>
- *The fakebold package. A simple macro for faking bold fonts.* 2020-04-11. LICENSE: noinfo  
URL: <https://ctan.org/pkg/fakebold>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/fakebold.tex>
- *The fnote package. Auto-numbered footnotes in Plain T<sub>E</sub>X.* 2016-06-18. LICENSE: noinfo  
URL: <https://ctan.org/pkg/fnote>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/fnote.tex>
- *The frenchquote package. Make something like guillemets.* 2016-06-24. LICENSE: noinfo. The package defines and which construct objects vaguely like the french quote marks “guillemets”, from small versions of the maths symbols and .  
URL: <https://ctan.org/pkg/frenchquote>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/frenchquote.sty>
- *The germdoc package. A collection of documentation available in German.* 2019-06-21. LICENSE: collection  
URL: <https://ctan.org/pkg/germdoc>
- *The 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.* 2022-12-11. Version 1.0.1. LICENSE: gpl3+. is a L<sup>A</sup>T<sub>E</sub>X package that allows to collect groups of labels and reference them altogether. It can be used for creating informal glossaries that cross-link concepts to their applications, or simply mentioning multiple pages that share something in common.  
URL: <https://ctan.org/pkg/hereapplies>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hereapplies>
- *The hge package. An “Old English” font.* 2022-04-06. LICENSE: noinfo  
URL: <https://ctan.org/pkg/hge>  
MIRROR: <https://mirror.ctan.org/fonts/hge>
- *The histyle package. A “HighStyle” environment for T<sub>E</sub>X.* 2016-06-24. Version 1.2. LICENSE: noinfo  
URL: <https://ctan.org/pkg/histyle>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/histyle>
- *The hp2xx package. HP GL converter.* 2017-04-18. Version 3.4.4. LICENSE: gpl  
URL: <https://ctan.org/pkg/hp2xx>  
MIRROR: <https://mirror.ctan.org/support/hp2xx>
- *The hwemoji package. Unicode emoji support for pdfL<sup>A</sup>T<sub>E</sub>X with sequences.* 2022-11-16. Version 1.0. LICENSE: lppl1.3c,cc-by-4  
URL: <https://ctan.org/pkg/hwemoji>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hwemoji>
- *The indent package. Environments that change margins.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/indent>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/indent.sty>
- *The invertedparagraphs package. Indented text with negative paragraph indentation.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/invertedparagraphs>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/invertedparagraphs.tex>
- *The isolatin1 package. An obsolete means to use ISO 8859-1 with T<sub>E</sub>X.* 2016-06-24. Version 0.9. LICENSE: noinfo  
URL: <https://ctan.org/pkg/isolatin1>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/isolatin1.sty>
- Unknown. *The ist21 package. Title page for the old BSI IST/21 committee.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/ist21>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/ist21.sty>

- *The japanese-mathformulas package*. Compiling basic math formulas in Japanese using LuaLaTeX. 2022-10-10. Version 1.0.2. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/japanese-mathformulas>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/japanese-mathformulas>
- *The JavaBib package*. A BibTeX file manager written in Java. 2016-06-24. Version III. LICENSE: noinfo  
URL: <https://ctan.org/pkg/javabib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/JavaBib>
- *The jigsaw package*. Draw jigsaw pieces with TikZ. 2023-02-21. Version 0.4. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/jigsaw>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/jigsaw>
- *The karta package*. Cartographic signs. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/karta>  
MIRROR: <https://mirror.ctan.org/fonts/karta>
- *The label-pln package*. Print address labels in three columns. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/label-pln>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/label.tex>
- *The laps package*. Zero-width boxes for annotations, etc. 2020-04-11. LICENSE: noinfo. Provides macros extends the / set in Plain  $\TeX$ :  
URL: <https://ctan.org/pkg/laps>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/laps.tex>
- *The letter-plain package*. Letter macros for Plain  $\TeX$ . 2021-03-09. LICENSE: noinfo. These macros would seem to be used by Knuth himself (a with a slightly different default address may be found in the CTAN copy of of macros).  
URL: <https://ctan.org/pkg/letter-plain>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/letter.tex>
- *The letter1 package*. Letter formatting macros. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/letter1>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/letter1>
- *The llncs209 package*. Macros for Springer books. 2016-06-24. Version 1.1. LICENSE: noinfo  
URL: <https://ctan.org/pkg/llncs209>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/springer/llncs>
- *The longtocline package*. Macros to produce a table of contents. 2016-06-24. LICENSE: noinfo. Defines a macro (3 arguments) that produces a table of contents line rather similar to that provided as standard in  $\LaTeX$ .  
URL: <https://ctan.org/pkg/longtocline>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/longtocline.tex>
- *The ltxmisc package*. Miscellaneous  $\LaTeX$  packages, etc. 2016-06-18. LICENSE: collection  
URL: <https://ctan.org/pkg/ltxmisc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc>
- *The mandel package*. Compute the Mandelbrot set. 2020-04-11. LICENSE: noinfo  
URL: <https://ctan.org/pkg/mandel>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/mandel.tex>
- *The maple package*. Styles and examples for the MAPLE newsletter. 2016-06-18. Version 1.8. LICENSE: noinfo  
URL: <https://ctan.org/pkg/maple>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maple>
- *The marathi package*. Typeset Marathi language using  $X_{\LaTeX}$  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>
- Unknown. *The maybeload package*. Prevent reloading of files. 2016-06-24. LICENSE: noinfo. Defines a command , which will become if it's called for a second or subsequent time with a particular file name.  
URL: <https://ctan.org/pkg/maybeload>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/maybeload.tex>
- *The memo-pln package*. Plain  $\TeX$  macros for memoranda. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/memo-pln>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/memo.tex>



- *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>
- *The pdfmsym package*. PDF Math Symbols — various drawn mathematical symbols. 2023-03-16. Version 1.1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/pdfmsym>  
 MIRROR: <https://mirror.ctan.org/macros/generic/pdfmsym>
- *The plainmisc package*. Miscellaneous contributed macros for plain T<sub>E</sub>X. 2016-06-18. LICENSE: collection  
 URL: <https://ctan.org/pkg/plainmisc>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc>
- *The plcalendar package*. Plain macros for making nice calendars. 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/plcalendar>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/calendar>
- *The plfonts package*. Polish extension to Computer Modern fonts. 2016-06-24. LICENSE: pd. Polish extension of Computer Modern fonts. These fonts are compatible with CM fonts; only Polish characters (as in EC/Cork encoding) and quotes are added. The fonts are distributed as or in .  
 URL: <https://ctan.org/pkg/plfonts>
- Unknown. *The printbib package*. Print the contents of a bibliography. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/printbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utlis/printbib>
- *The psfonts package*. PostScript fonts for use with T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/psfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts>

- *The psnfssx-8r package*. Raw Type 1 fonts with L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/psnfssx-8r>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/8r/8r.sty>
- *The qms package*. VMS tools for controlling QMS printers. 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/qms>  
 MIRROR: <https://mirror.ctan.org/dviware/qms>
- *The quotation package*. Typeset an attributed quotation. 2016-06-24. LICENSE: noinfo. takes two arguments, the quotation itself, and the attribution. The quotation is set as a page-wide , so placement of commands may be useful for best appearance.  
 URL: <https://ctan.org/pkg/quotation>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/quotation.tex>
- *The redefine package*. Conditional macro, etc., definitions. 2016-06-24. LICENSE: noinfo. Defines commands , and that warn the user if a command is redefined using them (if operating under L<sup>A</sup>T<sub>E</sub>X, is similarly modified). In addition , , , are modified to detect an error if a conditional or register name is reused.  
 URL: <https://ctan.org/pkg/redefine>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/redefine.tex>
- *The rotate package*. Rotate T<sub>E</sub>X boxes. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/rotate>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/rotate.tex>
- *The samples package*. Samples of Plain T<sub>E</sub>X coding. 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/samples>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples>
- *The sc21 package*. Title page for the old ISO TC97/SC21 committee. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sc21>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21.sty>
- *The sc21-wg1 package*. Title page for the old ISO TC97/SC21/WG1 working group. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sc21-wg1>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21-wg1.sty>
- *The screen package*. Prepare a document for a simple previewer. 2016-06-24. LICENSE: noinfo. A small package designed to set geometry to prepare a (L<sup>A</sup>T<sub>E</sub>X 2.09) document for viewing with something like .  
 URL: <https://ctan.org/pkg/screen>  
 MIRROR: <https://mirror.ctan.org/dviware/screenview/vms/screen.sty>
- *The sentences package*. Numbered lists for sentences. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sentences>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sentences.tex>
- *The sfwmac package*. A set of definitions for Unix system documentation. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sfwmac>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sfwmac.sty>
- *The sshdbk10 package*. Sans headers in book style. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sshdbk10>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sshdbk10.sty>
- *The tabbingbox package*. Save a tabbing environment in a box. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/tabbingbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tabbingbox.tex>
- *The texcad32 package*. Win32 drawing package for mathematical diagrams. 2020-01-19. Version 4.4.1.6. LICENSE: lppl. Texcad32 is one of a number of clones/developments of the DOS program Texcad. Texcad32 can output either to a file of special commands, or to PostScript.  
 URL: <https://ctan.org/pkg/texcad32>  
 MIRROR: <https://mirror.ctan.org/graphics/texcad32>
- Unknown. *The Texhax package*. Digests of a general T<sub>E</sub>X mailing list. 2021-08-26. LICENSE: pd  
 URL: <https://ctan.org/pkg/texhax>  
 MIRROR: <https://mirror.ctan.org/info/digests/texhax>
- *The texindex package*. Simple indexing using standard Unix commands. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/texindex>  
 MIRROR: <https://mirror.ctan.org/indexing/texindex>
- *The tgrind209 package*. Support tgrind in L<sup>A</sup>T<sub>E</sub>X 2.09. 2016-06-24. LICENSE: noinfo. A development of the file (in the distribution), for use with L<sup>A</sup>T<sub>E</sub>X 2.09.

- URL: <https://ctan.org/pkg/tgrind209>
- MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tgrind.sty>
- *The thirteen package*. Print dates of Friday 13th days. 2016-06-24. LICENSE: noinfo
- URL: <https://ctan.org/pkg/thirteen>
- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/thirteen.tex>
- *The threecol package*. Three-column newsletter output. 2016-06-24. LICENSE: noinfo
- URL: <https://ctan.org/pkg/threecol>
- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/threecol.tex>
- *The tikz-bbox package*. Precise determination of bounding boxes in TikZ. 2021-01-18. Version 0.1. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/tikz-bbox>
- MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bbox>
- *The tikz-ext package*. A collection of libraries for PGF/TikZ. 2023-04-02. Version 0.5.1. LICENSE: fdl,lppl
- URL: <https://ctan.org/pkg/tikz-ext>
- MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-ext>
- *The TikZbricks package*. Drawing bricks with TikZ. 2019-09-02. Version 0.4. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/tikzbricks>
- MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzbricks>
- *The TikZducks package*. A little fun package for using rubber ducks in TikZ. 2023-04-05. Version 1.6. LICENSE: lppl1.3c. The package is a L<sup>A</sup>T<sub>E</sub>X package for ducks to be used in TikZ pictures. This project is a continuation of an answer at StackExchange
- URL: <https://ctan.org/pkg/tikzducks>
- MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzducks>
- *The TikZlings package*. A collection of cute little animals and similar creatures. 2022-06-17. Version 1.0. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/tikzlings>
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- *The TikZmarmots package*. Drawing little marmots in TikZ. 2019-09-02. Version 1.0. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/tikzmarmots>
- MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzmarmots>
- *The tikztosvg package*. A utility for rendering TikZ diagrams to SVG. 2021-08-20. Version 0.3.0. LICENSE: gpl3. This package provides a shell script that calls and to convert environments to SVG files.
- URL: <https://ctan.org/pkg/tikztosvg>
- MIRROR: <https://mirror.ctan.org/support/tikztosvg>
- *The timeline package*. Typeset time-lines, for planning, etc. 2016-06-24. LICENSE: noinfo. Defines a environment, in which one places a bunch of s. A small sample of use is provided.
- URL: <https://ctan.org/pkg/timeline>
- MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/timeline>
- *The tipauni package*. Producing Unicode characters with TIPA commands. 2023-02-13. Version 0.7a. LICENSE: gpl3+,fdl
- URL: <https://ctan.org/pkg/tipauni>
- MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/tipauni>
- *The toc package*. Table of contents macros for Plain T<sub>E</sub>X. 2016-06-24. LICENSE: noinfo
- URL: <https://ctan.org/pkg/toc>
- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/toc.tex>
- *The trademarks package*. A collection of trademarks and the like. 2016-06-24. LICENSE: noinfo
- URL: <https://ctan.org/pkg/trademarks>
- MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/trademarks.sty>
- *The twoside package*. Two-side typesetting in Plain T<sub>E</sub>X. 2016-06-24. LICENSE: noinfo
- URL: <https://ctan.org/pkg/twoside>
- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/2side.tex>
- Unknown. *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 util-half package.* A half-tone font. 2016-07-19. LICENSE: noinfo  
URL: <https://ctan.org/pkg/util-half>  
MIRROR: <https://mirror.ctan.org/fonts/cm/utilityfonts/half>
  - *The verbatim-pln package.* Define new verbatim "environments" in Plain T<sub>E</sub>X. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/verbatim-pln>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/verbatim.tex>
  - *The web9pt package.* Nine-point web listings. 2016-06-24. Version 1.0. LICENSE: noinfo. A small patch to web listing macros that uses the 9pt file from the to make the body text of a web listing appear in 9pt.  
URL: <https://ctan.org/pkg/web9pt>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/web9pt.tex>
  - *The webmacss package.* Use sans serif font in Web listings. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/webmacss>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/webmacss.tex>
  - *The winemtex package.* EmTeX for windows. 2016-06-24. LICENSE: noinfo. A full distribution for MS-Windows98 including Ghostscript and WinEdit and preconfigured to work with T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/winemtex>
  - *The wntamil package.* Tamil to T<sub>E</sub>X converter. 2019-06-21. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/wntamil>  
MIRROR: <https://mirror.ctan.org/language/tamil/wntamil>
  - *The wright package.* Define commands with optional arguments. 2016-06-24. LICENSE: noinfo. Version of and that can define commands with optional arguments. (Preceding the public availability of such commands, in L<sup>A</sup>T<sub>E</sub>X 2e, and with a slightly different syntax.)  
URL: <https://ctan.org/pkg/wright>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/wright>
  - *The xarticle package.* A L<sup>A</sup>T<sub>E</sub>X 2.09 document style with 7pt, 8pt and 9pt options. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/xarticle>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/xarticle>
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URL: <https://ctan.org/pkg/xcmr>  
MIRROR: <https://mirror.ctan.org/fonts/cm/xcmr/xcmr12.mf>
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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>  
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 URL: <https://ctan.org/pkg/engwar>  
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- *The tengwar package. Font to set Tolkien’s Tengwar script*. 2019-06-21. LICENSE: nosell. Font for typesetting Tolkien Tengwar script, written in Metafont. The macros support the use of this font.  
 URL: <https://ctan.org/pkg/tengwar>  
 MIRROR: <https://mirror.ctan.org/fonts/tengwar>
- URW GmbH. *The urw package. URW free font support*. 2016-06-24. LICENSE: collection. Fonts, font metrics, and macro support in L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>e, for available URW fonts. Fonts provided are: – ; – ; – ; – ; – ; and – .  
 URL: <https://ctan.org/pkg/urw>  
 MIRROR: <https://mirror.ctan.org/fonts/urw>
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 URL: <https://ctan.org/pkg/urw-base35>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/base35>
- URW GmbH, Walter A. Schmidt, and Keiran Harcombe. *The lettergothic package. The Adobe Type 1 font family Letter GothicType*. 2021-12-07. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/lettergothic>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/lettergothic>
- *The urw-antiqua package. URW Antiqua condensed font, for use with T<sub>E</sub>X*. 2021-12-07. Version 001.003. LICENSE: gpl  
 URL: <https://ctan.org/pkg/urw-antiqua>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/antiqua>
  - *The urw-arial package. URW Arial font pack for use with L<sup>A</sup>T<sub>E</sub>X*. 2021-12-07. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/urw-arial>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/arial>
  - *The URW-Grotesq package. URW Grotesq font pack for L<sup>A</sup>T<sub>E</sub>X*. 2021-12-07. LICENSE: gpl  
 URL: <https://ctan.org/pkg/urw-grotesq>  
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 URL: <https://ctan.org/pkg/cprotectinside>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cprotectinside>
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 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 syncTeX information*. 2022-07-15. Version 0.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/rescansync>  
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 URL: <https://ctan.org/pkg/saveenv>  
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 URL: <https://ctan.org/pkg/unicode-math-input>  
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URL: <https://ctan.org/pkg/latexmng>  
MIRROR: <https://mirror.ctan.org/systems/win32/latexmng>
- *The MPEdit package. MetaPost text editor for Win32*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/mpedit>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/tools/MPEdit>
- Väisänen, Hannu. *The koma-script-sfs package. Koma-script letter class option for Finnish*. 2016-06-24. Version 1.0. LICENSE: lppl. A parameter set for letters on A4 paper, complying with Finnish standards SFS 2486, 2487 and 2488; suitable for window envelopes with window on the left side in the sizes C5, C65, E5 and E65 (although, because the address window is smaller, for sizes E5 and E65 the address may not fit within the window, but ordinary 3-line address should fit).  
URL: <https://ctan.org/pkg/koma-script-sfs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script-SFS>
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URL: <https://ctan.org/pkg/babel-estonian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/estonian>
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URL: <https://ctan.org/pkg/beamer-verona>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamer-verona>
- *The biblatex-philosophy package. Styles for using BibLaTeX for work in philosophy*. 2022-09-16. Version 1.9.8g. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/biblatex-philosophy>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-philosophy>
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URL: <https://ctan.org/pkg/fontsize>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fontsize>
  - *The suftesi package. A document class for typesetting theses, books and articles*. 2021-11-01. Version 3.2.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/suftesi>  
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URL: <https://ctan.org/pkg/datetime2-finnish>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mcexam>
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 URL: <https://ctan.org/pkg/rnototex>  
 MIRROR: <https://mirror.ctan.org/support/rnototex>
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 URL: <https://ctan.org/pkg/script-font>  
 MIRROR: <https://mirror.ctan.org/fonts/script>
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 MIRROR: <https://mirror.ctan.org/fonts/calligra-type1>
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 URL: <https://ctan.org/pkg/blanks>  
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 URL: <https://ctan.org/pkg/gaceta>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gaceta>
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 URL: <https://ctan.org/pkg/ttftogf>  
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 URL: <https://ctan.org/pkg/formal-grammar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/formal-grammar>
- *The messagepassing package. Draw diagrams to represent communication protocols*. 2022-04-08. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/messagepassing>  
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- Väth, Martin. *The eqlist package. Description lists with equal indentation*. 2016-06-24. Version 2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/eqlist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqlist>
- *The guitar package. Guitar chords and song texts*. 2018-01-06. Version 1.6. LICENSE: lppl1.3. (La)T<sub>E</sub>X macros for typesetting guitar chords over song texts. The package is required. Note that this package only places arbitrary T<sub>E</sub>X code over the lyrics. To typeset the chords graphically (and not only by name), the author recommends use of an additional package such as by K. Peeters.  
 URL: <https://ctan.org/pkg/guitar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/guitar>
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 URL: <https://ctan.org/pkg/toolbox>  
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- *The ushort package. Shorter (and longer) underlines and underbars.* 2016-06-24. Version 2.2. LICENSE: lppl. Some engineers need underlined or twice underlined variables for which the usual is too long. This package provides a generic command for creating underlines of various sizes and types.  
URL: <https://ctan.org/pkg/ushort>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ushort>
- *The varindex package. Luxury frontend to the \index command.* 2016-06-24. Version 2.3. LICENSE: lppl. Provides a convenient front-end for the command. For example, with it you can generate multiple index entries in almost any form by a single command. The package is highly customizable, and works with all versions of L<sup>A</sup>T<sub>E</sub>X and probably most other T<sub>E</sub>X formats.  
URL: <https://ctan.org/pkg/varindex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/varindex>
- *The ziffer package. Conversion of punctuation in maths mode.* 2016-06-24. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/ziffer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ziffer>
- Väth, Martin and Luis Rivera. *The isonums package. Display numbers in maths mode according to ISO 31-0.* 2016-06-24. Version 1.0. LICENSE: lppl. The package makes a quick hack to display numbers in maths mode according to ISO 31-0, regardless of input format (European \$1,235,7\$ or Anglo-American \$1,235.7\$). The options [euro, anglo] control the global input format. Default input format is anglo. Documentation is included as comments to the text source.  
URL: <https://ctan.org/pkg/isonums>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isonums>
- Vaughan, Nicolas. *The syllogism package. Typeset syllogisms in L<sup>A</sup>T<sub>E</sub>X.* 2020-08-29. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/syllogism>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/syllogism>
- *The tui package. Thesis style for the University of the Andes, Colombia.* 2016-06-24. Version 1.9. LICENSE: lppl  
URL: <https://ctan.org/pkg/tui>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tui>
- Vavassori, Emiliano Giovanni. *The GuITbeamer package. Beamer-based class for GuIT presentations.* 2016-06-24. Version 0.4. LICENSE: nocommercial. The guitbeamer class is written to simplify the preparation of presentations on L<sup>A</sup>T<sub>E</sub>X to members of GuIT. The class is based on .  
URL: <https://ctan.org/pkg/guitbeamer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/GuIT/guitbeamer>
- Vector, Casper Ti. *The biblatex-caspermvector package. A simple citation style for Chinese users.* 2022-10-30. Version 0.3.6. LICENSE: lppl1.3. The package provides a simple and easily extensible bibliography/citation style for Chinese L<sup>A</sup>T<sub>E</sub>X users, using .  
URL: <https://ctan.org/pkg/biblatex-caspermvector>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-caspermvector>
- *The pkuthss package. L<sup>A</sup>T<sub>E</sub>X template for dissertations in Peking University.* 2022-10-30. Version 1.9.3. LICENSE: lppl1.3,bsd,pd  
URL: <https://ctan.org/pkg/pkuthss>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pkuthss>
- Velázquez, Jesús. *The unamth-template package. UNAM Thesis L<sup>A</sup>T<sub>E</sub>X Template.* 2016-06-24. Version 2.0. LICENSE: gpl3  
URL: <https://ctan.org/pkg/unamth-template>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dvgloss>
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URL: <https://ctan.org/pkg/stoneipa>  
MIRROR: <https://mirror.ctan.org/fonts/stoneipa>
- Vens, Erik-Jan. *The ps2mf package. Make Metafont files from Adobe Type 1 files.* 2016-06-24. Version 1.1 beta. LICENSE: gpl  
URL: <https://ctan.org/pkg/ps2mf>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/ps2mf>
- Verdier, Olivier. *The pythonhighlight package. Highlighting of Python code, based on the listings package.* 2017-02-11. LICENSE: other-free  
URL: <https://ctan.org/pkg/pythonhighlight>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pythonhighlight>
- Verfaillie, Vincent. *The confproc package. A set of tools for generating conference proceedings.* 2018-01-06. Version 0.8. LICENSE: lppl. The confproc collection comprises a class, a BibT<sub>E</sub>X style, and some scripts for generating conference proceedings. It derives from L<sup>A</sup>T<sub>E</sub>X scripts written for the DAFx-06 conference proceedings, largely based on the package for including the proceedings

papers and the package for creating a proper table of contents, bookmarks and general bibliography back-references. Confproc also uses many other packages for fine tuning of the table of contents, bibliography and index of authors. The added value of the class resides in its time-saving aspects when designing conference proceedings.

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

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

Vergauwen, Bob. *The simplenodes package. Simple nodes in four colors written in TikZ for L<sup>A</sup>T<sub>E</sub>X*. 2022-04-06. LICENSE: mit

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

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

Vergnet, Fabien and Vivien Goepp. *The beamertheme-light package. A minimal beamer style*. 2019-01-31. Version 1.0. LICENSE: gpl3. The L<sup>A</sup>T<sub>E</sub>X package provides an aesthetic and minimal beamer style by redefining colors and fonts.

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

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

Verhoeff, Tom. *The zero package. Start list (etc.) numbering at zero*. 2016-06-24. LICENSE: noinfo

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

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

Verhoeven, Richard. *The MathSpad package. A mathematics-capable word processor with L<sup>A</sup>T<sub>E</sub>X output*. 2016-06-24. Version 0.60. LICENSE: other-free

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

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

Verhoeven, Yves. *The dvi-economic package. Save paper while printing*. 2016-06-24. LICENSE: nosource

URL: <https://ctan.org/pkg/dvi-economic>

MIRROR: [https://mirror.ctan.org/dviware/dvi\\_economic](https://mirror.ctan.org/dviware/dvi_economic)

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

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

Vermeer, Martin. *The amscdx package. Enhanced commutative diagrams*. 2019-07-02. Version 2.2x. LICENSE: lppl1.3c

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

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

— *The iagproc package. Class for two column IAG Proceedings articles*. 2016-06-24. LICENSE: lppl

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

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/iagproc.cls>

Verna, Didier. *The CurVe package. A class for making curriculum vitae*. 2016-06-24. Version 1.16. LICENSE: lppl

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

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

— *The dox package. Extend the doc package*. 2018-01-06. Version 2.4. LICENSE: lppl1.3. The package provides L<sup>A</sup>T<sub>E</sub>X developers with means to describe the usage and the definition of new macros and environments. However, there is no simple way to extend this functionality to other items (options or counters, for instance). The DoX package is designed to circumvent this limitation.

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

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

— *The FiNK package. The L<sup>A</sup>T<sub>E</sub>X2e File Name Keeper*. 2018-01-06. Version 2.2.1. LICENSE: lppl

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

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

Verna, Didier. *The FiXme package. Collaborative annotation tool for L<sup>A</sup>T<sub>E</sub>X*. 2022-06-08. Version 4.5. LICENSE: lppl1.3

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

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

— *The QCM package. A L<sup>A</sup>T<sub>E</sub>X2e class for making multiple choice questionnaires*. 2022-06-25. Version 2.1. LICENSE: lppl. QCM is a package for making multiple choices questionnaires under L<sup>A</sup>T<sub>E</sub>X2e (“QCM” is the French acronym for this style of test). A special environment allows you to define questions and possible answers. You can specify which answers are correct and which are not. QCM not only formats the questions for you, but also generates a ‘form’ (a grid that your students will have to fill in), and a ‘mask’ (the same grid, only with correct answers properly checked in). You can then print the mask on a slide and correct the questionnaires more easily by superimposing the mask on top of students’ forms. QCM can also typeset exam corrections automatically, and comes with support for .

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

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



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- Ververidis, Dimitrios. *The vocaltract package. Visualise the vocal tract using L<sup>A</sup>T<sub>E</sub>X and PSTricks*. 2018-09-15. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/vocaltract>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/vocaltract>
- Verwer, Nico. *The loggates package. A small font for logic gates, and L<sup>A</sup>T<sub>E</sub>X support*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/loggates>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/loggates>
- *The rmthm package. Use a roman font for theorem statements*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/rmthm>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/rmthm.sty>
  - *The xrefwarn package. Only one warning for an undefined citation*. 2016-06-24. Version 1.2. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/xrefwarn>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/xrefwarn.sty>
- Verwey, Georg Michael. *The mentis package. A basis for books to be published by Mentis publishers*. 2016-06-24. Version 1.5. LICENSE: lppl. This L<sup>A</sup>T<sub>E</sub>X class loads and provides changes necessary for publishing at Mentis publishers in Paderborn, Germany. It is not an official Mentis class, merely one developed by an author in close co-operation with Mentis.  
 URL: <https://ctan.org/pkg/mentis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mentis>
- *The stdpage package. Standard pages with n lines of at most m characters each*. 2016-06-24. Version 0.6. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/stdpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stdpage>
- Vessella, Nino. *The psbao package. Draw Bao diagrams*. 2020-05-02. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/psbao>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/psbao>
- Veytsman, Boris. *The acmart package. Class for typesetting publications of ACM*. 2023-06-12. Version 1.90a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/acmart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acmart>
- *The adjmulticol package. Adjusting margins for multicolumn and single column output*. 2022-05-17. Version 1.5. LICENSE: lppl1.3. The package adds, to the package, the option to change the margins for multicolumn and unicolun layout. The package understands the difference between the even and odd margins for two side printing.  
 URL: <https://ctan.org/pkg/adjmulticol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adjmulticol>
  - *The adobecasl on package. Adobe Caslon font in L<sup>A</sup>T<sub>E</sub>X*. 2021-09-11. Version 2.2. LICENSE: bsd  
 URL: <https://ctan.org/pkg/adobecasl on>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/adobe/adobecasl on>
  - *The afparticle package. Typesetting articles for Archives of Forensic Psychology*. 2016-06-24. Version 1.3. LICENSE: lppl1.3. This package provides a class for typesetting articles for the open access journal .  
 URL: <https://ctan.org/pkg/afparticle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/afparticle>
- Veytsman, Boris. *The aomart package. Typeset articles for the Annals of Mathematics*. 2022-05-30. Version 1.27. LICENSE: lppl1.3. The package provides a class for typesetting articles for .  
 URL: <https://ctan.org/pkg/aomart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aomart>
- *The bestpapers package. A BibT<sub>E</sub>X package to produce lists of authors' best papers*. 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/bestpapers>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bestpapers>
  - *The commedit package. Commented editions with L<sup>A</sup>T<sub>E</sub>X*. 2019-02-26. Version 1.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/commedit>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/commedit>
  - *The crossrefware package. Scripts for working with crossref.org*. 2022-10-19. LICENSE: gpl  
 URL: <https://ctan.org/pkg/crossrefware>  
 MIRROR: <https://mirror.ctan.org/support/crossrefware>
  - *The divine package. L<sup>A</sup>T<sub>E</sub>X support for the divine font*. 2020-08-29. Version 1.0. LICENSE: other-free. The package provides support files for the from the .



- URL: <https://ctan.org/pkg/divine>  
MIRROR: <https://mirror.ctan.org/fonts/divine>
- *The dogma package. Metrics and L<sup>A</sup>T<sub>E</sub>X support for Dogma Font From Emigre Graphics.* 2016-06-24. Version 1.3. LICENSE: `bsd`. This package provides metric files and L<sup>A</sup>T<sub>E</sub>X support for the , designed by Zuzana Licko in 1994. It has everything you need to typeset in this font — except, of course, the font itself.  
URL: <https://ctan.org/pkg/dogma>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/emigre/dogma>
  - *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>
  - *The erdc package. Style for Reports by US Army Corps of Engineers.* 2016-06-24. Version 1.1. LICENSE: `lppl`  
URL: <https://ctan.org/pkg/erdc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/erdc>
  - *The estcpmm package. Style for Munitions Management Project Reports.* 2016-06-24. Version 0.4. LICENSE: `lppl`  
URL: <https://ctan.org/pkg/estcpmm>  
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.  
URL: <https://ctan.org/pkg/fitbox>  
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.  
URL: <https://ctan.org/pkg/foilhtml>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/foilhtml>
  - *The futurans package. Metrics and L<sup>A</sup>T<sub>E</sub>X support for Futura Fonts From Adobe As Used By No Starch Press.* 2021-09-11. Version 1.0b. LICENSE: `bsd`  
URL: <https://ctan.org/pkg/futurans>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/adobe/futurans>
  - *The gillcm package. Alternative unslanted italic Computer Modern fonts.* 2016-06-24. Version 1.1. LICENSE: `bsd`  
URL: <https://ctan.org/pkg/gillcm>  
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.  
URL: <https://ctan.org/pkg/ijmart>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ijmart>
- Veytsman, Boris. *The imprintmtshadow package. Support files for the Monotype Imprint Shadow fonts.* 2021-09-11. Version 1.0. LICENSE: `other-free`  
URL: <https://ctan.org/pkg/imprintmtshadow>  
MIRROR: <https://mirror.ctan.org/fonts/imprintmtshadow>
- *The issuulinks package. Produce external links instead of internal ones.* 2016-06-24. Version 1.1. LICENSE: `lppl1.3`  
URL: <https://ctan.org/pkg/issuulinks>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/issuulinks>
  - *The jamtimes package. Expanded Times Roman fonts.* 2009-11-07. Version 1.12. LICENSE: `other-free`  
URL: <https://ctan.org/pkg/jamtimes>  
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 mathgifs package*. Support for Microsoft Georgia and ITC Franklin Gothic. 2016-06-24. Version 0.4. LICENSE: other-free  
URL: <https://ctan.org/pkg/mathgifs>  
MIRROR: <https://mirror.ctan.org/fonts/mathgifs>
- *The mdputu package*. Upright digits in Adobe Utopia Italic. 2016-06-24. Version 1.2. LICENSE: other-free. The Annals of Mathematics uses italics for theorems. However, slanted digits and parentheses look disturbing when surrounded by (upright) mathematics. This package provides virtual fonts with italics and upright digits and punctuation, as an extension to .  
URL: <https://ctan.org/pkg/mdputu>  
MIRROR: <https://mirror.ctan.org/fonts/mdputu>
- *The multiaudience package*. Several versions of output from the same source. 2021-10-03. Version 1.04. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/multiaudience>  
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  
URL: <https://ctan.org/pkg/nbaskerv>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/adobe/nbaskerv>
- *The nmbib package*. Multiple versions of a bibliography, with different sort orders. 2016-06-24. Version 1.04. LICENSE: lppl1.3. This package is a rewrite of the package providing multiple bibliographies with different sorting. The new version offers a number of citation commands, streamlines the creation of bibliographies, ensures compatibility with the package, and provides other improvements.  
URL: <https://ctan.org/pkg/nmbib>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nmbib>
- *The nostarch package*. L<sup>A</sup>T<sub>E</sub>X class for No Starch Press. 2023-06-11. Version 2.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nostarch>  
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  
URL: <https://ctan.org/pkg/pcarl>  
MIRROR: <https://mirror.ctan.org/fonts/pcarl>
- *The philosophersimprint package*. Typesetting articles for "Philosophers' Imprint". 2020-11-16. Version 1.5. LICENSE: lppl1.3  
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>
- *The resphilosophica package*. Typeset articles for the journal Res Philosophica. 2019-04-25. Version 1.35. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/resphilosophica>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/resphilosophica>
- *The rviewport package*. Relative Viewport for Graphics Inclusion. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/rviewport>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rviewport>
- *The sageep package*. Format papers for the annual meeting of EEGS. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/sageep>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sageep>
- Veytsman, Boris. *The seqsplit package*. Split long sequences of characters in a neutral way. 2016-06-24. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/seqsplit>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seqsplit>
- *The srcdact package*. A tool for redacting sources. 2016-06-24. Version 1.0. LICENSE: gpl2  
URL: <https://ctan.org/pkg/srcdact>  
MIRROR: <https://mirror.ctan.org/support/srcdact>
- *The tex-vpat package*. TeX Accessibility Conformance Report. 2023-04-03. Version 2.3. LICENSE: cc-by-3  
URL: <https://ctan.org/pkg/tex-vpat>  
MIRROR: <https://mirror.ctan.org/info/tex-vpat>
- *The thsmc package*. Metrics and L<sup>A</sup>T<sub>E</sub>X support for Sans Mono Condensed Font. 2021-09-11. Version 1.0d. LICENSE: bsd  
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MIRROR: <https://mirror.ctan.org/fonts/psfonts/fontfabrik/thsmc>
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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>
- *The libertinus package. Wrapper to use the correct libertinus package according to the used T<sub>E</sub>X engine.* 2021-06-16. Version 0.02. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/libertinus>  
MIRROR: <https://mirror.ctan.org/fonts/libertinus>
- *The libertinus-otf package. Support for Libertinus OpenType.* 2023-05-17. Version 0.31. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/libertinus-otf>  
MIRROR: <https://mirror.ctan.org/fonts/libertinus-otf>
- *The luafindfont package. Search fonts in the LuaTeX font database.* 2022-11-03. Version 0.11. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/luafindfont>  
MIRROR: <https://mirror.ctan.org/support/luafindfont>
- *The luaintro package. Examples from the book "Einführung in LuaTeX und LuaLaTeX".* 2019-06-09. Version 0.03. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luaintro>  
MIRROR: <https://mirror.ctan.org/info/examples/luaintro>
- *The luarandom package. Create lists of random numbers.* 2019-06-09. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luarandom>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luarandom>
- *The lucida-otf package. Support for the Lucida Bright fonts (OpenType).* 2021-09-11. Version 0.08. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/lucida-otf>  
MIRROR: <https://mirror.ctan.org/fonts/lucida-otf>
- *The math-e package. Examples from the book Typesetting Mathematics with L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/math-e>  
MIRROR: <https://mirror.ctan.org/info/examples/Math-E>
- *The mathesatz-examples package. Examples from the book "Mathematiksatz mit L<sup>A</sup>T<sub>E</sub>X".* 2016-06-24. Version 2. LICENSE: lppl  
URL: <https://ctan.org/pkg/mathesatz-examples>  
MIRROR: <https://mirror.ctan.org/info/examples/Math>
- *The nexus-otf package. Supporting for the Nexus OpenType or True Type Fonts.* 2019-06-21. Version 0.02. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nexus-otf>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nexus-otf>
- Voß, Herbert. *The pagella-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Pagella.* 2022-10-16. Version 0.02. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pagella-otf>  
MIRROR: <https://mirror.ctan.org/fonts/pagella-otf>
- *The plex-otf package. Support for the OpenType font IBM Plex.* 2018-04-13. Version 0.07a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/plex-otf>  
MIRROR: <https://mirror.ctan.org/fonts/plex-otf>
- *The powerdot-fuberlin package. Powerdot, using the style of FU Berlin.* 2019-11-26. Version 0.02a. LICENSE: lppl  
URL: <https://ctan.org/pkg/powerdot-fuberlin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/powerdot-FUBerlin>
- *The presentations package. Examples from the book Presentationen mit L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/presentations>  
MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_de](https://mirror.ctan.org/info/examples/Presentations_de)
- *The presentations-en package. Examples from the book Presentations with L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/presentations-en>  
MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_en](https://mirror.ctan.org/info/examples/Presentations_en)

- *The pst-3dplot package. Draw 3D objects in parallel projection, using PSTricks.* 2022-01-14. Version 2.07a. LICENSE: lppl. A package using to draw a large variety of graphs and plots, including 3D maths functions. Data can be read from external data files, making this package a generic tool for graphing within  $\TeX$ /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>
- *The pst-calculate package. Support for floating point operations at LaTeX level.* 2019-06-09. Version 0.02. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pst-calculate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pst-calculate>
- *The pst-dart package. Plotting dart boards.* 2021-09-11. Version 0.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-dart>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-dart>
- *The pst-exa package. Typeset PSTricks examples, with code.* 2017-09-12. Version 0.06. LICENSE: lppl. The (-related) package provides an environment PSTexample to put code and output side by side or one above the other.  
URL: <https://ctan.org/pkg/pst-exa>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-exa>
- *The pst-feyn package. Draw graphical elements for Feynman diagrams.* 2018-09-29. Version 0.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-feyn>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-feyn>
- *The pst-fp package. Fixed-point arithmetic in PSTricks.* 2016-06-24. Version 0.05. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-fp>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/base/generic/pst-fp.tex>
- *The pst-fractal package. Draw fractal sets using PSTricks.* 2022-10-13. Version 0.12. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-fractal>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fractal>
- *The pst-func package. PSTricks package for plotting mathematical functions.* 2023-04-14. Version 1.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-func>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-func>
- *The pst-graphics package. A PSTricks-compatible graphics for use with Plain TeX.* 2016-06-24. Version 0.02. LICENSE: lppl. The package provides a version of that avoids loading the graphics bundle's (original) package, which clashes with ' use of .  
URL: <https://ctan.org/pkg/pst-graphics>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-graphics>
- Voß, Herbert. *The pst-hsb package. Curves with continuous colours.* 2023-04-02. Version 0.03. LICENSE: lppl. This is a -related package. It can plot lines and/or curves with continuous colours. Only colours defined in the hsb model are supported.  
URL: <https://ctan.org/pkg/pst-hsb>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-hsb>
- *The pst-knot package. PSTricks package for displaying knots.* 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-knot>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-knot>
- *The pst-lsystem package. Create images based on a L-system.* 2018-12-31. Version 0.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-lsystem>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-lsystem>
- *The pst-poker package. Drawing poker cards.* 2023-02-13. Version 0.03b. LICENSE: lgpl3. This related package can create poker cards in various manners.  
URL: <https://ctan.org/pkg/pst-poker>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poker>
- *The pst-support package. Assorted support files for use with PSTricks.* 2016-06-24. LICENSE: lppl. An appropriate set of job options, together with process scripts for use with /

- URL: <https://ctan.org/pkg/pst-support>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/pst-support>
- *The pst-tools package*. PSTricks support functions. 2021-09-24. Version 0.12. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-tools>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tools>
- *The pst-turtle package*. Commands for “turtle operations”. 2019-10-05. Version 0.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-turtle>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-turtle>
- *The pst-venn package*. A PSTricks package for drawing Venn sets. 2018-12-06. Version 0.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-venn>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-venn>
- *The pstricks-examples package*. PSTricks examples. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/pstricks-examples>  
MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_6\\_de](https://mirror.ctan.org/info/examples/PSTricks_6_de)
- *The pstricks-examples-7 package*. PSTricks examples files of the 7th edition of the book PSTricks. 2016-06-24. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pstricks-examples-7>  
MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_7\\_de](https://mirror.ctan.org/info/examples/PSTricks_7_de)
- *The pstricks-examples-en package*. Examples from PSTricks book (English edition). 2016-06-24. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pstricks-examples-en>  
MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_en](https://mirror.ctan.org/info/examples/PSTricks_en)
- *The schola-otf package*. Using the OpenType fonts  $\TeX$  Gyre schola. 2022-11-02. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/schola-otf>  
MIRROR: <https://mirror.ctan.org/fonts/schola-otf>
- *The spark-otf package*. Support OpenType Spark fonts. 2022-03-04. Version 0.05a. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/spark-otf>  
MIRROR: <https://mirror.ctan.org/fonts/spark-otf>
- *The tabulars-e package*. Examples from the book “Typesetting tables with  $\LaTeX$ ”. 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  $\TeX$  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)TeX. 2016-06-24. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/voss-mathcol>  
MIRROR: <https://mirror.ctan.org/info/math/voss/mathCol>
- Voß, Herbert. *The voss-mathmode package*. A comprehensive review of mathematics in (La)TeX. 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. 2023-05-17. Version 0.47. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xindex>  
MIRROR: <https://mirror.ctan.org/indexing/xindex>
- *The xurl package*. Allow URL breaks at any alphanumerical character. 2022-01-09. Version 0.10. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xurl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xurl>



- Voß, Herbert, Denis Girou, and Timothy Van Zandt. *The pst-tree package. Trees, using PSTricks*. 2021-09-04. Version 1.14. LICENSE: lppl. pst-tree is a package that defines a macro which offers a structured way of joining nodes created using in order to draw trees.  
URL: <https://ctan.org/pkg/pst-tree>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tree>
- *The pstricks-base package. PostScript macros for T<sub>E</sub>X*. 2023-04-30. Version 3.19. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pstricks-base>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/base>
- Voß, Herbert and Klaus Höppner. *The dantelogo package. A font for DANTE's logo*. 2016-06-24. Version 0.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/dantelogo>  
MIRROR: <https://mirror.ctan.org/fonts/dantelogo>
- Voß, Herbert and Christophe Jorssen. *The pst-circ package. PSTricks package for drawing electric circuits*. 2021-09-10. Version 2.19. LICENSE: lppl. The package is built using and in particular . It can easily draw current 2-terminal devices and some 3- and 4-terminal devices used in electronic or electric theory. The package's macros are designed with a view to 'logical' representation of circuits, as far as possible, so as to relieve the user of purely graphical considerations when expressing a circuit.  
URL: <https://ctan.org/pkg/pst-circ>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-circ>
- Voß, Herbert and Pablo González Luengo. *The pst2pdf package. A script to compile PSTricks documents via 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*. 2022-12-19. Version 2.08n. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/dtk>  
MIRROR: <https://mirror.ctan.org/usergrps/dante/dtk>
- *The xltabular package. Longtable support with possible X-column specifier*. 2020-11-04. Version 0.2e. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xltabular>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xltabular>
- Voß, Herbert and Dominique Rodriguez. *The pstricks-add package. A collection of add-ons and bugfixes for PSTricks*. 2023-04-17. Version 3.94. LICENSE: lppl  
URL: <https://ctan.org/pkg/pstricks-add>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pstricks-add>
- Voß, Herbert and Timothy Van Zandt. *The pst-coil package. A PSTricks package for coils, etc*. 2022-04-06. Version 1.07. LICENSE: lppl. Pst-coil is a based package for coils and zigzags and for coil and zigzag node connections.  
URL: <https://ctan.org/pkg/pst-coil>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-coil>
- *The pst-eps package. Create EPS files from PSTricks figures*. 2016-06-24. Version 1.0. LICENSE: lppl. Pst-eps is a -based package for exporting PSTricks images 'on the fly' to encapsulated PostScript (EPS) image files, which can then be read into a document in the usual way.  
URL: <https://ctan.org/pkg/pst-eps>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eps>
  - *The pst-grad package. Filling with colour gradients, using PSTricks*. 2016-06-24. Version 1.06. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-grad>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-grad>
  - *The pst-text package. Text and character manipulation in PSTricks*. 2018-12-29. Version 1.02. LICENSE: lppl. Pst-text is a based package for plotting text along a different path and manipulating characters. It includes the functionality of the old package

- pst-char.  
 URL: <https://ctan.org/pkg/pst-text>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-text>
- Voß, Jakob. *The acroterm package. Manage and index acronyms and terms*. 2021-08-26. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/acroterm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acroterm>
- Voß, Jakob and Camil Staps. *The tkz-orm package. Create Object-Role Model (ORM) diagrams*. 2021-08-26. Version 0.1.4. LICENSE: gpl2,lppl1.3  
 URL: <https://ctan.org/pkg/tkz-orm>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tkz-orm>
- Voss, Jochen. *The jvlisting package. A replacement for L<sup>A</sup>T<sub>E</sub>X's verbatim package*. 2016-06-24. Version 0.7. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jvlisting>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jvlisting>
- Vrba, Anton. *The flexipage package. Flexible page geometry with marginalia*. 2023-03-18. Version 1.02. LICENSE: lppl1.3c. This package allows easy page layout if marginalia is required. Mid document changes are possible such as: new marginal width, full width text, and landscape text without marginal. Partners well with the package . The package also aids the layout for book printing, allowing for binding corrections and adding page bleed, if required.  
 URL: <https://ctan.org/pkg/flexipage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flexipage>
- *The sidenotesplus package. Place referenced notes, alerts, figures and tables into the document margin*. 2022-07-09. Version 1.02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/sidenotesplus>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sidenotesplus>
- Vrečko, Matjaž and Leon Žlajpah. *The slhyph package. Slovenian hyphenation patterns*. 2016-11-05. LICENSE: lppl. The function of this package is encompassed in that of the package, for future applications.  
 URL: <https://ctan.org/pkg/slhyph>  
 MIRROR: <https://mirror.ctan.org/language/slovenian/slhyph.tex>
- Vrettos, Dimitrios. *The matc3 package. Commands for MatematicaC3 textbooks*. 2016-06-24. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/matc3>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3>
- *The matc3mem package. Class for MatematicaC3 textbooks*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. The class is a development of , with additions (specifically, mathematical extensions) that provide support for writing the books for the Matematica C3 project to produce free mathematical textbooks for use in Italian high schools.  
 URL: <https://ctan.org/pkg/matc3mem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3mem>
- Vũ, Dũng. *The akshar package. Support for syllables in the Devanagari script*. 2020-09-06. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/akshar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/akshar>
- Vulis, Dimitri. *The barcodes-vulis package. A font for making barcodes*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/barcodes-vulis>  
 MIRROR: <https://mirror.ctan.org/fonts/barcodes/vulis/barcodes.mf>
- *The weekday package. Generate "day of week"*. 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/weekday>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/weekday.sty>
- Wäckerlin, Marc. *The businesscard-qrcode package. Business cards with QR-Code*. 2021-09-16. Version 1.2. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/businesscard-qrcode>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/businesscard-qrcode>
- *The inline-images package. Inline images in base64 encoding*. 2021-09-16. Version 1.0. LICENSE: lgpl3  
 URL: <https://ctan.org/pkg/inline-images>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inline-images>
- Wagner, Anselm. *The biblatex-license package. Add license data to the bibliography*. 2021-03-18. Version 0.1. LICENSE: lppl1.3c. This package is for adding license data to bibliography entries via BibLaTeX's built-in related mechanism. It provides a new relatedtype and some bibmacros for typesetting these related entries.  
 URL: <https://ctan.org/pkg/biblatex-license>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-license>

- Wagner, Victor. *The catdoc package. Text extractor for word files.* 2016-06-24. Version 0.90. LICENSE: gpl  
 URL: <https://ctan.org/pkg/catdoc>  
 MIRROR: <https://mirror.ctan.org/support/catdoc>
- Wagner, Zdeněk. *The advdate package. Print a date relative to "today".* 2016-06-24. LICENSE: lppl1.3. Provides macros which can add a specified number of days to the current date (as specified in ), to save, set and restore the 'current date' and to print it. Intended use is, for example, in invoices "payable within 14 days from today", etc. The package has only been tested with Czech dates.  
 URL: <https://ctan.org/pkg/advdate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/advdate>
- *The cnbwp package. Typeset working papers of the Czech National Bank.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cnbwp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cnbwp>
  - *The drawing package. Simple drawings with Metafont.* 2018-01-06. Version 1.0a. LICENSE: noinfo. A system for producing drawings using Metafont glyphs (or sequences of glyphs, tiled together using the package).  
 URL: <https://ctan.org/pkg/drawing>  
 MIRROR: <https://mirror.ctan.org/graphics/drawing>
  - *The ean13isbn package. Print EAN13 for ISBN.* 2021-01-24. LICENSE: lppl1.3. The package provides the means to typeset ISBN codes with EAN-13; it uses the (generic) package to typeset the actual barcode.  
 URL: <https://ctan.org/pkg/ean13isbn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ean13isbn>
  - *The fillform package. Typeset answers to overprint on printed forms.* 2016-06-24. LICENSE: nosell  
 URL: <https://ctan.org/pkg/fillform>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/fillform>
  - *The makebarcode package. Print various kinds 2/5 and Code 39 bar codes.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/makebarcode>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makebarcode>
  - *The ocr-b-outline package. OCR-B fonts in Type 1 and OpenType.* 2016-06-24. LICENSE: other-free. The package contains OCR-B fonts in Type1 and OpenType formats. They were generated from the Metafont sources of the . The metric files are not included here, so that original ocr-b package should also be installed.  
 URL: <https://ctan.org/pkg/ocr-b-outline>  
 MIRROR: <https://mirror.ctan.org/fonts/ocr-b-outline>
  - *The xevlna package. Insert non-breakable spaces using XeTeX.* 2018-05-30. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xevlna>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/generic/xevlna>
  - *The zwgetfdate package. Get package or file date.* 2017-04-18. LICENSE: lppl1.3. The package can fetch the date declaration of packages and files used by a document, and then provide the information in macros. The facilities provide a means of obtaining the date of a package being documented; this is mainly of use when /.  
 URL: <https://ctan.org/pkg/zwgetfdate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwgetfdate>
- Wagner, Zdeněk. *The zwpagelayout package. Page layout and crop-marks.* 2022-04-18. Version 1.4e. LICENSE: lppl  
 URL: <https://ctan.org/pkg/zwpagelayout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwpagelayout>
- Wagner, Zdeněk and Petr Olšák. *The encxvlna package. Insert nonbreakable spaces, using encTeX.* 2018-05-30. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/encxvlna>  
 MIRROR: <https://mirror.ctan.org/macros/generic/encxvlna>
- Wagner, Zdeněk, Anshuman Pandey, Frans Velthuis, Steven T. Smith, Dominik Wujastyk, and François Patte. *The devanagari package. Typeset Devanagari.* 2020-06-07. Version 2.17.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/devanagari>  
 MIRROR: <https://mirror.ctan.org/language/devanagari/velthuis>
- Wahl, Tobias. *The MiniPlot package. A package for easy figure arrangement.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/miniplot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/miniplot>
- Waldi, Roland. *The wasy package. The wasy fonts (Waldi symbol fonts).* 2020-01-24. Version 2.5. LICENSE: pd  
 URL: <https://ctan.org/pkg/wasy>  
 MIRROR: <https://mirror.ctan.org/fonts/wasy>

- Wales, Richard B. *The oca package. OCR A font*. 2019-06-21. LICENSE: nosell  
 URL: <https://ctan.org/pkg/oca>  
 MIRROR: <https://mirror.ctan.org/fonts/oca>
- Wales, Richard B. and Tor Lillqvist. *The ocr-a package. Fonts for OCR-A*. 2018-01-06. LICENSE: nosell  
 URL: <https://ctan.org/pkg/ocr-a>  
 MIRROR: <https://mirror.ctan.org/fonts/ocr-a>
- Walker, Jim. *The sines package. Calculate sin function values*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sines>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sines.tex>
- Wall, Matthew. *The scorecard package. Format a Baseball scorecard*. 2016-06-24. Version 1.1. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/scorecard>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/scorecard.tex>
- Walsh, Norman. *The comp-fonts-FAQ package. Frequently Asked Questions from comp.fonts*. 2016-06-24. Version 2.1.5. LICENSE: other-free  
 URL: <https://ctan.org/pkg/comp-fonts-faq>  
 MIRROR: <https://mirror.ctan.org/help/comp-fonts-FAQ>
- *The 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>
- Walsh, Norman. *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, 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*. 2023-06-01. Version 2023.6.1. 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 BibT<sub>E</sub>X files*. 2016-06-24. Version 0.32. LICENSE: gpl  
 URL: <https://ctan.org/pkg/btool>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/bt00L>
- Ward, Martin. *The program package. Typesetting programs and algorithms*. 2018-01-06. Version 3.3.14. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/program>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/program>
- Wardrop, Matthew. *The blochsphere package. Draw pseudo-3D diagrams of Bloch spheres*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. This package is used to draw pseudo-3D Blochsphere diagrams. It supports various annotations, such as great and small circles, axes, rotation markings and state vectors. It can be used in a standalone fashion, or nested within a environment by setting the environment option to .  
 URL: <https://ctan.org/pkg/blochsphere>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/blochsphere>
- Warner, Daniel. *The delig package. Disable misplaced ligatures in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. LICENSE: gpl  
 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 BibLaT<sub>E</sub>X*. 2023-03-12. Version 1.7b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-dw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-dw>
- *The bibleref-german package. German adaptation of bibleref*. 2016-06-24. Version 1.0a. LICENSE: lppl1.3. The package provides translations and various formats for the use of in German documents. The German naming of the bible books complies with the



- ‘Loccumer Richtlinien’ (Locum guidelines). In addition, the Vulgate (Latin bible) is supported.  
 URL: <https://ctan.org/pkg/bibleref-german>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-german>
- *The historische-zeitschrift package*. Bib $\LaTeX$  style for the journal ‘Historische Zeitschrift’. 2016-12-02. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/historische-zeitschrift>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/historische-zeitschrift>
- Wawrykiewicz, Staszek and Tomasz Przechlewski. *The tex-virtual-academy-pl package*. TeX usage web pages, in Polish. 2019-06-21.  
 LICENSE: fdl  
 URL: <https://ctan.org/pkg/tex-virtual-academy-pl>  
 MIRROR: <https://mirror.ctan.org/info/tex-virtual-academy-pl>
- Wawrzyniak, Piotr. *The konwerter package*. A program for automatic numbering of compounds in chemical publications. 2017-04-18. Version 0.2.4. LICENSE: gpl2. Konwerter automatically numbers compounds in chemical publications created by . It is written in C++ and works both in Unix and Windows operating systems. It works similar to  $\LaTeX$  and commands. Instead of giving number to every compound you give them labels and then refer to the structure in the text using the same label. The konwerter is able to resolve labels to numbers both in the eps files and in the text.  
 URL: <https://ctan.org/pkg/konwerter>  
 MIRROR: <https://mirror.ctan.org/support/konwerter>
- Webb, Duncan. *The notes package*. Mark sections of a document. 2016-06-24. Version 1.0.1. LICENSE: lppl. The package provides environments to highlight significant portions of text within a document, by putting the text in a box and adding an icon in the margin. (The icons are provided as ‘fig’ sources, processable by .)  
 URL: <https://ctan.org/pkg/notes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/notes>
- Weber, Natalie. *The leipzig package*. Typeset and index linguistic gloss abbreviations. 2019-10-18. Version 2.3. LICENSE: lppl1.3. The leipzig package provides a set of macros for standard glossing abbreviations, with options to create new ones. They are mnemonic (e.g. for accusative, abbreviated ). These abbre can be used alone or on top of the package for easy indexing and glossary printing.  
 URL: <https://ctan.org/pkg/leipzig>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leipzig>
- *The textglos package*. Typeset and index linguistic gloss abbreviations. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/textglos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textglos>
- Weber, Olaf and The  $\TeX$  Live Team. *The Web2C package*. Conversion programs and supporting code to compile  $\TeX$  in C. 2022-01-17.  
 LICENSE: gpl  
 URL: <https://ctan.org/pkg/web2c>
- Weberndorfer, Christoph. *The srdp-mathematik package*. Typeset Austrian SRDP in mathematics. 2023-05-06. Version 1.12.1. LICENSE: lppl1.3c. This package provides basic commands for the defined formats of the Austrian sRDP (Standardisierte Reife- und Diplomprüfung) in mathematics. Furthermore, it includes ways to implement answers in the file which can optionally be displayed in the file, and it offers a way to vary the answers in order to create different groups (e. g. for tests) easily.  
 URL: <https://ctan.org/pkg/srdp-mathematik>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/srdp-mathematik>
- Weeks, Andrew, Frank M. Siegert, and Thomas Henlich. *The ttf2pt1 package*. Convert TrueType fonts to Adobe Type 1 format. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ttf2pt1>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/ttf2pt1>
- Wegner, Dagny and Arnim Wegner. *The harmony package*. Typeset harmony symbols, etc., for musicology. 2016-06-24. LICENSE: lppl. The package harmony.sty uses the packages and from the bundle, together with the  $\LaTeX$  font and the font from .  
 URL: <https://ctan.org/pkg/harmony>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harmony>
- Weh, Tobias. *The biblatex-musuos package*. A Bib $\LaTeX$  style for citations in musuos.cls. 2016-06-24. Version 1.0. LICENSE: lppl. The style is designed for use with the class, but it should be usable with other classes, too.  
 URL: <https://ctan.org/pkg/biblatex-musuos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-musuos>
- *The metrix package*. Typeset metric marks for Latin text. 2019-10-09. Version 1.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/metrix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/metrix>

- *The musuos package*. Typeset papers for the department of music, Osnabrück. 2016-06-24. Version 1.1d. LICENSE: lppl  
 URL: <https://ctan.org/pkg/musuos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/musuos>
- Weh, Tobias and Jonathan P. Spratte. *The menukeys package*. Format menu sequences, paths and keystrokes from lists. 2022-09-07. Version 1.6.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/menukeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/menukeys>
- Wehr, Keno. *The beuron package*. The script of the Beuronese art school. 2018-01-18. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/beuron>  
 MIRROR: <https://mirror.ctan.org/fonts/beuron>
- *The pgf-interference package*. Drawing interference patterns with PGF/TikZ. 2022-01-25. Version 0.1. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X package makes it possible to simulate interference patterns occurring on a screen if monochromatic light is diffracted at regular structures of slits. It makes use of the graphics package.  
 URL: <https://ctan.org/pkg/pgf-interference>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-interference>
- *The phonenumbers package*. Typesetting telephone numbers with L<sup>A</sup>T<sub>E</sub>X. 2022-07-01. Version 2.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/phonenumbers>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phonenumbers>
- *The schulmathematik package*. Commands and document classes for German-speaking teachers of mathematics and physics. 2023-03-13. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schulmathematik>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schulmathematik>
- Wehr, Keno, Javier Bezos López, Johannes L. Braams, and Claudio Beccari. *Thebabel-latin package*. Babel support for Latin. 2021-06-28. Version 4.0. LICENSE: lppl1.3. The babel-latin package provides the languages , , and . It also defines several useful shorthands as well as some modifiers for typographical fine-tuning.  
 URL: <https://ctan.org/pkg/babel-latin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/latin>
- Wei, Weifan. *The unifront package*. Give notes a unique front page for every chapter and section. 2023-05-11. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/unifront>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unifront>
- Weibull, Nikolai. *The context-bnf package*. A BNF module for ConTeXt. 2018-08-11. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-bnf>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-bnf>
- Weinhold, Stephan and Sebastian Pipping. *The xq package*. Support for writing about xiangqi. 2016-06-24. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xq>  
 MIRROR: <https://mirror.ctan.org/fonts/xq>
- Weinmann, Thomas. *The twcal package*. Calligraphic font for typesetting handwriting. 2016-06-24. Version 1.1. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/twcal>  
 MIRROR: <https://mirror.ctan.org/fonts/twcal>
- Weiss, Benjamin. *The iffont package*. Conditionally load fonts with fontspec. 2017-04-18. Version 1.0.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/iffont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/iffont>
- Weiss, Daniel A. *The apa7 package*. Format documents in APA style (7th edition). 2022-07-25. Version 2.16. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/apa7>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/apa7>
- Weissenburger, Jens. *The anleitung package*. Using L<sup>A</sup>T<sub>E</sub>X with MikTeX, including TrueType fonts. 2016-06-24. LICENSE: noinfo. A German introduction to using L<sup>A</sup>T<sub>E</sub>X on a MikTeX system with WinEdT. The document includes a translation of by Damir Rakityansky.  
 URL: <https://ctan.org/pkg/anleitung>  
 MIRROR: <https://mirror.ctan.org/info/german/MikTeX-WinEdt-TrueType-Anleitung>
- Weissert, Thomas and Caitlin Shaw. *The mla package*. MLA BibTeX styles. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mla>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/mla>

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 URL: <https://ctan.org/pkg/chbibref>  
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 URL: <https://ctan.org/pkg/cypriot>  
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 URL: <https://ctan.org/pkg/etruscan>  
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URL: <https://ctan.org/pkg/greek6cbc>  
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URL: <https://ctan.org/pkg/hieroglf>  
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URL: <https://ctan.org/pkg/humanist>  
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URL: <https://ctan.org/pkg/inslrmin>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/inslrmin>
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URL: <https://ctan.org/pkg/iso>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso>
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URL: <https://ctan.org/pkg/iso10303>  
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URL: <https://ctan.org/pkg/linearb>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cjw>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coop-writing>
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MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luaprohtable>
- *The smart-eqn package. Automatic math symbol styling for L<sup>A</sup>T<sub>E</sub>X documents*. 2021-08-12. Version 1.0. LICENSE: lppl1.3c. In L<sup>A</sup>T<sub>E</sub>X typesetting, one usually needs to use different variants of a math symbol to clarify the meanings. For example, in linear algebra literature, it is common to use boldfaced symbols to represent vectors, and normal symbols to represent scalars. However, applying these variants by typing , commands manually can be daunting. This package aims to provide an automatic and customizable approach for math symbol styling which eliminates the need to enter style commands repeatedly.  
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URL: <https://ctan.org/pkg/lshort-zh-cn>  
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URL: <https://ctan.org/pkg/create-theorem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/create-theorem>
  - *The crefthe package. Cross referencing with proper definite articles*. 2022-09-24. LICENSE: lppl1.3c. By default, when using cleveref’s to reference theorem-like environments, the names do not contain definite articles. In languages such as French, Italian, Portuguese, Spanish, etc. this results in incorrect grammar. For this purpose, the current package offers , which handles the definite articles properly (especially for the article contractions in many European languages).  
URL: <https://ctan.org/pkg/crefthe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/crefthe>
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URL: <https://ctan.org/pkg/einfart>  
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  - *The jwjournal package. A personal class for writing journals*. 2023-01-07. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/jwjournal>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jwjournal>

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URL: <https://ctan.org/pkg/mindflow>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minimalist>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multi footnote>
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URL: <https://ctan.org/pkg/projlib>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/projlib>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zebra-goodies>
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MIRROR: <https://mirror.ctan.org/graphics/mcf2graph>
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URL: <https://ctan.org/pkg/gckanbun>  
MIRROR: <https://mirror.ctan.org/language/japanese/gckanbun>
- Yamamoto, Munehiro. *The graphicxpsd package*. Adobe Photoshop Data format (PSD) support for graphicx package. 2021-01-06. Version 1.2. LICENSE: mit. This package provides Adobe Photoshop Data format (PSD) support for the package with the (Darwin/macOS) or (ImageMagick) command.  
URL: <https://ctan.org/pkg/graphicxpsd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxpsd>
- Yamashita, Hironobu. *The arphic-ttf package*. TrueType version of Chinese Arphic fonts. 2016-12-17. LICENSE: other-free  
URL: <https://ctan.org/pkg/arphic-ttf>  
MIRROR: <https://mirror.ctan.org/fonts/arphic-ttf>
- *The chemobabel package*. Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel. 2022-10-22. Version 0.9l. LICENSE: bsd2  
URL: <https://ctan.org/pkg/chemobabel>  
MIRROR: <https://mirror.ctan.org/graphics/chemobabel>
- *The endnotesj package*. Japanese-style endnotes. 2018-05-15. Version 3.0. LICENSE: bsd3. This package provides customized styles for endnotes to be used with Japanese documents. It can be used on , , and LuaL<sup>A</sup>T<sub>E</sub>X ().  
URL: <https://ctan.org/pkg/endnotesj>  
MIRROR: <https://mirror.ctan.org/language/japanese/endnotesj>
- *The gentombow package*. Generate Japanese-style crop marks. 2022-09-10. LICENSE: bsd3  
URL: <https://ctan.org/pkg/gentombow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gentombow>
- *The mathfam256 package*. Extend math family up to 256 for pL<sup>A</sup>T<sub>E</sub>X/upL<sup>A</sup>T<sub>E</sub>X/Lamed. 2020-01-23. Version 0.5. LICENSE: bsd3. This package increases the upper limit of math symbols up to 256, using primitives. These primitives were originally introduced in Omega and are currently available in the following formats:

- URL: <https://ctan.org/pkg/mathfam256>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathfam256>
- *The platex-tools package. pL<sup>A</sup>T<sub>E</sub>X standard tools bundle.* 2023-02-26. LICENSE: bsd3. This bundle is an extended version of the bundle developed by the L<sup>A</sup>T<sub>E</sub>X team, mainly intended to support and . Currently patches for the bundle and Martin Schröder’s bundle are included.  
URL: <https://ctan.org/pkg/platex-tools>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/platex-tools>
  - *The plautopatch package. Automated patches for pL<sup>A</sup>T<sub>E</sub>X/upL<sup>A</sup>T<sub>E</sub>X.* 2022-07-31. Version 0.9q. LICENSE: bsd3  
URL: <https://ctan.org/pkg/plautopatch>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/plautopatch>
  - *The pxtatescale package. Patch to graphics driver for scaling in vertical direction of pT<sub>E</sub>X.* 2022-07-20. Version 0.4. LICENSE: mit  
URL: <https://ctan.org/pkg/pxtatescale>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxtatescale>
  - *The scsnowman package. Snowman variants using TikZ.* 2023-02-23. Version 1.3c. LICENSE: bsd2  
URL: <https://ctan.org/pkg/scsnowman>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/scsnowman>
- Yamashita, Hironobu and Dag Langmyhr. *The dviinfox package. Perl script to print DVI meta information.* 2021-05-15. Version 1.06. LICENSE: mit  
URL: <https://ctan.org/pkg/dviinfox>  
MIRROR: <https://mirror.ctan.org/dviware/dviinfox>
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URL: <https://ctan.org/pkg/hitszbeamer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/hitszbeamer>
- *The HITSZThesis package. A dissertation template for Harbin Institute of Technology, ShenZhen.* 2021-11-16. Version 3.2.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hitszthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hitszthesis>
  - *The thubeamer package. A beamer theme for Tsinghua University.* 2021-11-16. Version 1.1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/thubeamer>  
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MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/matlab>
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URL: <https://ctan.org/pkg/edichokey>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edichokey>
- *The nanicolle package. Typesetting herbarium specimen labels.* 2020-08-31. Version 2.03y. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/nanicolle>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/nanicolle>
  - *The rulerbox package. Draw rulers around a box.* 2019-05-06. Version 1.01. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/rulerbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rulerbox>
  - *The tetragonos package. Four-Corner codes of Chinese characters.* 2019-01-17. Version 1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tetragonos>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/tetragonos>
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URL: <https://ctan.org/pkg/hithesis>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/hithesis>



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 MIRROR: <https://mirror.ctan.org/fonts/hershey>
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 URL: <https://ctan.org/pkg/javascript-texed>  
 MIRROR: [https://mirror.ctan.org/support/javascript\\_TeXed](https://mirror.ctan.org/support/javascript_TeXed)
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/slashbox>
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 URL: <https://ctan.org/pkg/bxbase>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxbase>
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 URL: <https://ctan.org/pkg/bxcalc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxcalc>
  - *The bxcjkatype package. Typeset Japanese with pdfL<sup>A</sup>T<sub>E</sub>X and CJK*. 2019-10-22. Version 0.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxcjkatype>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxcjkatype>
  - *The bxdpx-beamer package. Dvipdfmx extras for use with beamer*. 2016-12-18. Version 0.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxdpx-beamer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/bxdpx-beamer>
  - *The bxdvidriver package. Enables specifying a driver option effective only in DVI output*. 2022-07-31. Version 0.2a. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxdvidriver>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxdvidriver>
  - *The bxepic package. Epic facilities using pict2e*. 2022-07-31. Version 0.2. LICENSE: other-free. The package provides an driver to use facilities.  
 URL: <https://ctan.org/pkg/bxepic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxepic>
  - *The bxenclose package. Enclose the document body with some pieces of code*. 2022-07-31. Version 0.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxenclose>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxenclose>
  - *The BXjalipsum package. Dummy text in Japanese*. 2023-02-21. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxjalipsum>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjalipsum>
  - *The BXjaprnind package. Adjust the position of parentheses at paragraph head*. 2021-06-19. Version 0.4a. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxjaprnind>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjaprnind>
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 URL: <https://ctan.org/pkg/bxjatoucs>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjatoucs>
- *The BXjsc1s package. Japanese document class collection for all major engines*. 2023-06-14. Version 2.8. LICENSE: bsd2. This package provides an extended version of the Japanese document class collection provided by . While the original version supports only pL<sup>A</sup>T<sub>E</sub>X and upL<sup>A</sup>T<sub>E</sub>X, the extended version also supports pdfL<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>T<sub>E</sub>X, with the aid of suitable packages that provide capability of Japanese typesetting.  
 URL: <https://ctan.org/pkg/bxjsc1s>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjsc1s>
  - *The bxnewfont package. Enhanced \newfont command*. 2022-07-31. Version 0.2b. LICENSE: mit. This package provides a new command . It is similar to the old (and deprecated) command in function, but is more compatible with NFSS. In particular, one can safely change font size after invoking a font command defined by . The new command will be useful to users who know much of the old command, but are unfamiliar with the details of NFSS.  
 URL: <https://ctan.org/pkg/bxnewfont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxnewfont>
  - *The bxorigcapt package. To retain the original caption names when using Babel*. 2022-07-31. Version 1.0. LICENSE: mit. This package forces the caption names (, , etc) declared by the document class in use to be used as the caption names for a specific language introduced by the Babel package.

- URL: <https://ctan.org/pkg/bxorigcapt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxorigcapt>
- *The bxpapersize package.* Synchronize output paper size with layout paper size. 2022-04-29. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxpapersize>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpapersize>
  - *The bxpdfver package.* Specify version and compression level of output PDF files. 2022-04-30. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxpdfver>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpdfver>
  - *The bxtexlogo package.* Additional  $\TeX$ -family logos. 2022-05-05. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxtexlogo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxtexlogo>
  - *The bxwareki package.* Convert dates from Gregorian to Japanese calender. 2019-06-01. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxwareki>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxwareki>
  - *The ifptex package.* Check if the engine is  $p\TeX$  or one of its derivatives. 2023-04-08. Version 2.2c. LICENSE: mit. The package is a counterpart of `ifxetex`, etc. for the engine. The package is an alias to `ifxetex` provided for backward compatibility.  
URL: <https://ctan.org/pkg/ifptex>  
MIRROR: <https://mirror.ctan.org/macros/generic/ifptex>
  - *The ipaex-type1 package.* IPAex fonts converted to Type-1 format Unicode subfonts. 2018-05-13. Version 0.5. LICENSE: other-free  
URL: <https://ctan.org/pkg/ipaex-type1>  
MIRROR: <https://mirror.ctan.org/fonts/ipaex-type1>
  - *The jfmutil package.* Utility to process  $p\TeX$ -extended TFM and VF. 2021-11-07. Version 1.3.3. LICENSE: mit. This program provides functionality to process data files (JFM and VF) that form logical fonts used in `fontspec`. The functions currently available include:  
URL: <https://ctan.org/pkg/jfmutil>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/jfmutil>
  - *The pxbase package.* Tools for use with (u) $p\LaTeX$ . 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 `fontspec`.  
URL: <https://ctan.org/pkg/pxbase>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxbase>
  - *The pxchfon package.* Japanese font setup for  $p\LaTeX$  and  $u\LaTeX$ . 2023-02-21. Version 1.9a. LICENSE: mit  
URL: <https://ctan.org/pkg/pxchfon>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxchfon>
  - *The pxcjkcat package.*  $\LaTeX$  interface for the CJK category codes of  $u\TeX$ . 2022-07-20. Version 1.4. LICENSE: mit  
URL: <https://ctan.org/pkg/pxcjkcat>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxcjkcat>
- Yato, Takayuki. *The pxjahyper package.* Hyperref support for  $p\LaTeX$ . 2023-02-28. Version 1.3. LICENSE: mit  
URL: <https://ctan.org/pkg/pxjahyper>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxjahyper>
- *The pxjodel package.* Help change metrics of fonts from `japanese-otf`. 2022-07-31. Version 0.3. LICENSE: mit  
URL: <https://ctan.org/pkg/pxjodel>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxjodel>
  - *The pxpgfmark package.*  $e\text{-}p\TeX$  driver for PGF inter-picture connections. 2016-12-18. Version 0.2. LICENSE: mit  
URL: <https://ctan.org/pkg/pxpgfmark>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pxpgfmark>
  - *The pxrubrica package.* Ruby annotations according to JIS X 4051. 2023-03-02. Version 1.3e. LICENSE: mit  
URL: <https://ctan.org/pkg/pxrubrica>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxrubrica>
  - *The pxufont package.* Emulate non-Unicode Japanese fonts using Unicode fonts. 2022-07-31. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/pxufont>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxufont>
  - *The zxjafbfont package.* Fallback CJK font support for  $x\mathsf{eC}\mathsf{J}\mathsf{K}$ . 2016-12-18. Version 0.2. LICENSE: mit  
URL: <https://ctan.org/pkg/zxjafbfont>  
MIRROR: <https://mirror.ctan.org/language/japanese/zxjafbfont>

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 URL: <https://ctan.org/pkg/zxjafont>  
 MIRROR: <https://mirror.ctan.org/language/japanese/zxjafont>
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- Yavuz, Volkan. *The glosstex package. Prepare glossaries in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: gpl. GlossTeX is a tool for the automatic preparation of glossaries, lists of acronyms and sorted lists in general for use with L<sup>A</sup>T<sub>E</sub>X and MakeIndex. GlossTeX combines the functionality of and and provides some new features. Various binaries are available in the bin subdirectory.  
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 URL: <https://ctan.org/pkg/easybook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/easybook>
- *The spbmark package. Customize superscripts and subscripts.* 2022-10-15. Version 1.42. LICENSE: cc-by-4. This package provides three commands , and to improve the layout of superscripts and subscripts which can be adjusted with respect to relative position and format, and can be used in text and math mode.  
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 URL: <https://ctan.org/pkg/pgf-umlcd>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bussproofs-extra>

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyindex>
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- *The ptolemaicastronomy package. Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals).* 2019-05-01. Version 1.0. LICENSE: lppl1.3c  
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URL: <https://ctan.org/pkg/fancybox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancybox>
- *The poster-mac package. Make posters and banners with T<sub>E</sub>X.* 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/poster-mac>  
MIRROR: <https://mirror.ctan.org/macros/generic/poster>
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 MIRROR: <https://mirror.ctan.org/macros/generic/colortab>
- *The frame package. Framed boxes for Plain T<sub>E</sub>X*. 2016-06-24. Version 1.0. LICENSE: lppl. A jiffy file (taken from ) for placing a frame around a box of text. The macros also provide for typesetting an empty box of given dimensions.  
 URL: <https://ctan.org/pkg/frame>  
 MIRROR: <https://mirror.ctan.org/macros/generic/frame>
  - *The pst-3d package. A PSTricks package for tilting and other pseudo-3D tricks*. 2016-06-24. Version 1.10. LICENSE: lppl. The package provides basic macros that use for shadows, tilting and three dimensional representations of text or graphical objects.  
 URL: <https://ctan.org/pkg/pst-3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3d>
  - *The pst-ovl package. Create and manage graphical overlays*. 2020-05-01. Version 0.07b. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-ovl>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ovl>
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 URL: <https://ctan.org/pkg/pst-plot>  
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  - *The pst-tvz package. Draw trees with more than one root node, using PSTricks*. 2016-06-24. Version 1.01. LICENSE: lppl1.3. The package uses PSTricks to draw trees with more than one root node. It is similar to , though it uses a different placement algorithm.  
 URL: <https://ctan.org/pkg/pst-tvz>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tvz>
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- Zaslavsky, David. *The physymb package. Assorted macros for Physicists*. 2016-06-24. Version 0.3. LICENSE: lppl1.3  
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 URL: <https://ctan.org/pkg/nahuatl>  
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- Zedler, Michael and Michael Sharpe. *The FourierNC package. Use New Century Schoolbook text with Fourier maths fonts*. 2016-06-24. LICENSE: lppl. This package provides a L<sup>A</sup>T<sub>E</sub>X mathematics font setup for use with New Century Schoolbook text. In order to use it you need to have the fonts installed.  
 URL: <https://ctan.org/pkg/fouriernc>  
 MIRROR: <https://mirror.ctan.org/fonts/fouriernc>
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 URL: <https://ctan.org/pkg/emoji>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/emoji>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fduthesis>
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 URL: <https://ctan.org/pkg/firamath>  
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 URL: <https://ctan.org/pkg/twemoji-colr>  
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 URL: <https://ctan.org/pkg/lstfiracode>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstfiracode>
- *The zhlineskip package. Line spacing for CJK documents*. 2019-05-16. Version 1.0e. LICENSE: lppl1.3c. This package supports typesetting CJK documents. It allows users to specify the two ratios between the leading and the font size of the body text and the footnote text. For CJK typesetting, these ratios usually range from 1.5 to 1.67. This package is also capable of restoring the math leading to that of the Latin text (usually 1.2 times the font size). Finally, it is possible to achieve the style using .  
 URL: <https://ctan.org/pkg/zhlineskip>  
 MIRROR: <https://mirror.ctan.org/language/chinese/zhlineskip>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/physics2>
  - *The unimath-plain-xetex package. OpenType math support in (plain) XeTeX.* 2023-03-06. Version 0.2b. LICENSE: lppl1.3c  
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 URL: <https://ctan.org/pkg/fixjfm>  
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- *The ifxptex package. Detect pTeX and its derivatives.* 2017-12-27. Version 0.2. LICENSE: knuth  
 URL: <https://ctan.org/pkg/ifxptex>  
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  - *The upzhkinsoku package. Supplementary Chinese kinsoku for Unicode \*pTeX.* 2018-04-07. Version 0.5. LICENSE: knuth  
 URL: <https://ctan.org/pkg/upzhkinsoku>  
 MIRROR: <https://mirror.ctan.org/macros/generic/upzhkinsoku>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemetamu>
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 URL: <https://ctan.org/pkg/thucoursework>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thucoursework>
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 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/njuthesis>
- Zhao, Yuansheng and Xiangdong Zeng. *The garamond-math package. An OTF math font matching EB Garamond.* 2022-01-03. LICENSE: ofl. Garamond-Math is an open type math font matching and . Many mathematical symbols are derived from other fonts, others are made from scratch. The metric is generated with a Python script. Issues, bug reports and other contributions are welcome.  
 URL: <https://ctan.org/pkg/garamond-math>  
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 URL: <https://ctan.org/pkg/cquthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cquthesis>
- *The TeXProposal package. A proposal prototype for L<sup>A</sup>T<sub>E</sub>X promotion in Chinese universities.* 2018-01-06. Version 1.4. LICENSE: other-free  
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