

Comprehensive list of L^AT_EX file types

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This is a copy of <https://github.com/wspr/latex-auxfiles/blob/master/auxfiles.tex> from 2018-05-16.

1 Introduction

L^AT_EX uses auxiliary files in many forms to store information between typesetting runs. This document contains a comprehensive listing covering all known packages that create such files.

Use something like this:

```
find . *.sty -exec grep -H '\\openout.*\\jobname' {} \;
```

2 Other file extensions used by L^AT_EX

LaTeX	<code>.tex</code>	—	Generic T _E X/L ^A T _E X file
LaTeX	<code>.ltx</code>	—	Generic L ^A T _E X file
LaTeX	<code>.cls</code>	—	L ^A T _E X class file
LaTeX	<code>.sty</code>	—	L ^A T _E X package file
LaTeX	<code>.dtx</code>	—	‘docstrip’ file for packaging code
LaTeX	<code>.ins</code>	—	Installer file for unpacking (usually) <code>.dtx</code> files
LaTeX	<code>.clo</code>	—	Font size definitions, etc., for L ^A T _E X classes
LaTeX	<code>.fd</code>	—	Font definitions
LaTeX	<code>.fdd</code>	—	Documented source code for <code>.fd</code> files
	<code>.def</code>	—	Definition file (usually/always in reference to a font encoding)
	<code>.cfg</code>	—	Configuration file
	<code>.ldf</code>	—	babel language definition
inputenc	<code>.dfu</code>	—	Encoding definition file for UTF-8
latexbug	<code>.msg</code>	—	LaTeX bug report
	<code>.tfm</code> , <code>.pk</code> , <code>.gf</code> , <code>.pl</code> , <code>.mf</code> , <code>.vf</code> , <code>.vpl</code> , <code>.pfb</code> , <code>.afm</code> , <code>.map</code> , <code>.enc</code> , <code>.fd</code> , <code>.mtx</code> , <code>.etx</code>		
mfpic,emp	<code>.mp</code>	—	MetaPost graphic
mfpic	<code>.mf</code>	—	MetaFont ‘graphic’

3 memoir

Memoir outputs the normal `jn.log`, `jn.aux`, `jn.toc`, `jn.lof`, `jn.lot` files (where `jn` is the jobname) plus `*.idx` for index items (`*` is normally jobname but users can

declare extra .idx files) plus *.gls for glossary items (* is normally jobname but users can declare extra .glo files) plus jn.ent for end notes.

Memoir assumes jn.aux, jn.toc, jn.lof, jn.lot as the normal input files. It takes *.ind, *.gls and jn.ent as index, glossary, and endnote input files.

Memoir's glossary system is such that MakeIndex can be used to sort the entries. The manual suggests a *.gst file for controlling MakeIndex for the glossary items (analagous to *.ist for index items).

Memoir also supplies a `\newlistof` command where the user specifies the particular file extension.

4 The list

kernel	.aux	—	Store generic information, mostly labels and things
kernel	.log	—	Complete diagnostics reported by the L ^A T _E X run.
kernel	.out	—	hyperref PDF bookmarks
kernel	.toc	—	Table of contents.
kernel	.lot	—	List of tables.
kernel	.lof	—	List of figures.
???	.loa	—	List of algorithms
asymptote	.pre	—	Used to communicate preamble declarations from an Asymptote figure to the document
attachfile2	.atfi	—	Attributes for attached files
BibT _E X	.blg	—	
backref	.brf	—	Bibliographical back referencing
BibT _E X	.bbl	—	Generated bibliography
beamer	.nav	—	
beamer	.snm	—	
beamer	.vrb	—	If the frame option fragile is set, verb and the verbatim environment will write the fragile content in jobname.vrb. Source: Herbert Vo, Prsentationen mit LaTeX 1st Edition page 73
bookmark	.out.ps	—	Outlines as pdfmarks
bibref	.bdx	—	?
bibref	.bnd	—	?
gmdoc	.auxx	—	Distinct auxiliary file used by the gmdoc package to avoid conflicts with the aux file
hypdoc	.hd	—	Used destinations
hyperref	.out	—	Outlines
	.idv	—	
	.lg	—	
	.url	—	
biblatex	-blx.bib	—	‘Auxiliary’ bibliography generated by biblatex.
endfloat	.ttt	—	Floating tables to be moved to the end of the document
endfloat	.fff	—	Floating figures to be moved to the end of the document
endnotes	.ent	—	Document notes to be moved to the end of the document
glossary	.glo	—	Generated glossary?

glossary **.gls** — makeindex glossary?
glossaries **.gls,.glo,.glg,.acr,.acn,.alg** —
ifplatform **.w18** — Temporary file (should never be seen) for detecting the
behaviour of the shell
makeindex **.idx** — Generated index?
makeindex **.ind** — makeindex index?
makeindex **.ilg** — makeindex log file
minitoc **.mtc** — Temporary work file.
minitoc **.mtc<n>** — Mini table of contents for a chapter.
minitoc **.mlf<n>** — Mini list of figures for a chapter.
minitoc **.mlt<n>** — Mini list of tables for a chapter.
minitoc **.ptc<n>** — Mini table of contents for a part.
minitoc **.plf<n>** — Mini list of figures for a part.
minitoc **.plt<n>** — Mini list of tables for a part.
minitoc **.stc<n>** — Mini table of contents for a section.
minitoc **.slf<n>** — Mini list of figures for a section.
minitoc **.slt<n>** — Mini list of tables for a section.
minitoc **.maf** — List of discardable auxiliary files.
minitoc **.mld** — Language definition file.
minitoc **.mlo** — Language object file.

These files contain the language dependant titles for the mini-tables; if the
titles are not representable in ASCII, the **.mld** file loads a **.mlo** file (this is
the case for some languages loque chinese, farsi, hangul and hanja (korean),
japanese, some versions of malayalam and russian, and for thai. The minitoc
package provides a lot of **.mld** and **.mlo** files, but a user can provide new ones.
mwrite **.com** — ? The mwrite package seems broken.

ntheorem **.thm** — List of theorems (and similar constructions)
pdfcrop **-crop.pdf** — Cropped pdf file
pstool **pstool-statusfile.txt** — Temporary file (should never be seen)
for evaluating the completion status of external shell executions
tex4ht **.xref** —
tex4ht **.4ct** —
tex4ht **.4tc** —
thumbpdf **.tpt** — Thumbnail data file for pdfTeX
thumbpdf **.tpm** — Thumbnail data file for pdfmark
thumbpdf **.tno** — Optional thumbnails

I forgot about list'of'auxfiles.ttb -j, flowfram's thumbtab file.

WARMreader **.wrm** —
pdfsync **.pdfsync** — Deprecated; see **synctex**
synctex **.synctex.gz** — Synchronisation data between the text source and
typeset output
pst-pdf **-pics.pdf** — PDF container
pst-pdf **-pics-crop.pdf** — PDF container with cropped pages
.tmp — Temporary file
.dat — Data file
slidesec **.los** — List of slides

QCM `.frm` — Generated QCM form.
 QCM `.msk` — Generated QCM mask.
 apa.cls, endfloat `.fff` — ???
 apa.cls, endfloat `.ttt` — ???
 talk.cls `.ttc` — ???
 edmargin `.emd` — ???
 edmargin `.enx` — ???
 edmargin `.ent` — ???
 auto-pst-pdf `-autopp.*` — Files generated via an auxiliary compilation (can be safely deleted)
 songbook `.aIdx` — ???
 songbook `.kIdx` — ???
 songbook `.tIdx` — ???
 songbook `.tocS` — ???
 fixme `.lox` — List of FIXMES
 jurabib `.url` — ???
 jurarsp `.rsp.aux` — ???
 thumb `.ovr` — ???
 dinbrief `.lbl` — ???
 pagenote `.ent` — ???
 poemscol `.ctn` — ???
 poemscol `.ent` — ???
 poemscol `.emd` — ???
 poemscol `.enx` — ???
 changebar `.cb` — ???
 changebar `.cb2` — ???
 splitbib `.sbb` — ???
 dateiliste `.filelist` — ???
 cweb `.scn` — ???
 juraabbrev `.abb` — ???
 CoverPage `.BibTeX.txt` — ???
 pdfcomment `.upa` — ???
 pdfcomment `.upb` — ???

skak.sty, xskak.sty export chess positions to *.fen xskak.sty exports chess games to *.xsk

the ledmac package — which i haven't used (yet) for any large project — writes out an .end file related to the divisions of the document (i think) and a file with numeric extensions (i.e., .1, .2, . 3, etc.) that are connected to the number of document divisions found in the .end file (again: i think). particularly complex documents might have a few other files i haven't encountered yet, and i expect its brothers, ledpar and ledarab, have certain extensions of their own.

there is also 'ednotes', which is another package designed for critical editions, but i have never tried it.