

## NAME

*ltx* - a useful wrapper for running LaTeX

## SYNOPSIS

**ltx** [-biber] [-bibtex] [-bibtex8] [-dvi] [-gstyle *style*] [-istyle *style*] [-max *n*] [-nobib] [-nomakeindex] [-norail] [-pdf] [-pstricks] [-q] [-v] *file...*

## DESCRIPTION

This program processes one or more files of LaTeX code; each file will be run several times if required. *Ltx* will also run the support programs *biber*, *BibTeX*, *makeindex*, and *rail* when necessary.

The name of the LaTeX file may be given without the extension; i.e., any one of the three forms '*file.tex*', '*file.*', or just '*file*' is acceptable.

## OPTIONS

The following options are recognized:

- biber** Use the *biber* program to process the bibliography.
- bibtex** Use the *bibtex* program to process the bibliography.
- bibtex8**  
Use the *bibtex8* program to process the bibliography.
- csfile *file***  
specifies a character set definition file to be used when running *bibtex8*. (Such a definition file defines both the character set and the sorting order; the default is Norwegian.)
- dvi** Use *latex* to process the files. (The default is *pdflatex*.)
- gstyle *style***  
Specify a particular style to use when running *makeindex* to create a glossary.
- istyle *style***  
Specify a particular style to use when running *makeindex* to create an index.
- max *n*** This option specifies the maximum number of LaTeX runs; the default value is 3.
- nobib** Use of this option inhibits the running of *BibTeX* or *biber*.
- nomakeindex**  
When this option is used, the support program *makeindex* will not be run.
- norail** When this option is used, the support program *rail* will not be run.
- pdf** Use *pdflatex* to process the files. (This is the default.)
- pstricks**  
specifies that the LaTeX code uses the *pstricks* package. (The default is to check this automatically.)
- q** This option makes *ltx* silent; not even error messages will be printed. Only use this option if you are certain there are no errors in your LaTeX file.
- v** This option makes *ltx* more verbose. It will state its name and program version, and it will keep the user informed on what it does.

## AUTHOR

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## SEE ALSO

*biber*(1), *bibtex*(1), *bibtex*(8), *latex*(1), *makeindex*(1), *pdflatex*(1), *rail*(1).