

NAME

`bibtex` – make a bibliography for (La)TeX

SYNOPSIS

`bibtex` [**-min-crossrefs**=*number*] [**-terse**] [*auxname*]

DESCRIPTION

This manual page is not meant to be exhaustive. The complete documentation for this version of TeX can be found in the info file or manual *Web2C: A TeX implementation*.

BIBTeX reads the top-level auxiliary (*.aux*) file that was output during the running of **latex**(1) or **tex**(1) and creates a bibliography (*.bbl*) file that will be incorporated into the document on subsequent runs of L^ATeX or TeX. The *auxname* on the command line must be given without the *.aux* extension. If you don't give the *auxname*, the program prompts you for it.

BIBTeX looks up, in bibliographic database (*.bib*) files specified by the `\bibliography` command, the entries specified by the `\cite` and `\nocite` commands in the L^ATeX or TeX source file. It formats the information from those entries according to instructions in a bibliography style (*.bst*) file (specified by the `\bibliographystyle` command, and it outputs the results to the *.bbl* file.

The L^ATeX manual explains what a L^ATeX source file must contain to work with BIBTeX. Appendix B of the manual describes the format of the *.bib* files. The ‘BIBTeXing’ document describes extensions and details of this format, and it gives other useful hints for using BIBTeX.

OPTIONS

The **-min-crossrefs** option defines the minimum number of **crossref** required for automatic inclusion of the crossref'd entry on the citation list; the default is two. With the **-terse** option, BIBTeX operates silently. Without it, a banner and progress reports are printed on *stdout*.

ENVIRONMENT

BIBTeX searches the directories in the path defined by the `BSTINPUTS` environment variable for *.bst* files. If `BSTINPUTS` is not set, it uses the system default. For *.bib* files, it uses the `BIBINPUTS` environment variable if that is set, otherwise the default. See **tex**(1) for the details of the searching.

If the environment variable `TEXMFOUTPUT` is set, BIBTeX attempts to put its output files in it, if they cannot be put in the current directory. Again, see **tex**(1). No special searching is done for the *.aux* file.

FILES

**.bst* Bibliography style files.

btxdoc.tex

“BIBTeXing” – L^ATeXable documentation for general BIBTeX users

btXHak.tex

“Designing BIBTeX Styles” – L^ATeXable documentation for style designers

btxdoc.bib

database file for those two documents

xampl.bib

database file giving examples of all standard entry types

btxbst.doc

template file and documentation for the standard styles

All those files should be available somewhere on your system.

The host math.utah.edu has a vast collection of *.bib* files available for anonymous ftp, including references for all the standard T_EX books and a complete bibliography for TUGboat.

SEE ALSO

latex(1), **tex**(1).

Leslie Lamport, L^AT_EX – *A Document Preparation System*, Addison-Wesley, 1985, ISBN 0-201-15790-X.

AUTHOR

Oren Patashnik, Stanford University. This man page describes the web2c version of B_IB_T_EX. Other ports of B_IB_T_EX, such as Donald Knuth's version using the Sun Pascal compiler, do not have the same path searching implementation, or the command-line options.