

NAME

`citefind` – extract matching bibliography entries from BibTeX .bib files

SYNOPSIS

`citefind tags-file bibfile(s) >newbibfile`

or

`citefind - bibfile(s) >newbibfile`

DESCRIPTION

`citefind` extracts from a list of BIB_TE_X .bib files those bibliography entries that match a specified list of citation tags, possibly produced by `citetags`(1), sending the entries to *stdout*, together with all BIB_TE_X “@Preamble{...}” and “@String{...}” commands.

If the first argument, *tags-file*, is “-”, the tag list is read from *stdin*, allowing it to be piped from `citetags`(1).

Bibliography entries are output in the order found in the .bib files. In the absence of cross references, you may be able to use `bibsort`(1) to sort them by citation key. While such sorting is unnecessary for BIB_TE_X itself, it is convenient for a human reader of the .bib file.

When documents are prepared using a large bibliography data base collection, it is sometimes convenient to extract a subset BIB_TE_X bibliography file incorporating only those entries that are cited in the document. A good example is a document to be submitted to a publisher, or otherwise distributed in electronic form.

`citefind` expects the bibliography file(s) to be consistently formatted in the style produced by `bibclean`(1), which allows use of simple pattern matching to recognize the required entries.

To guard against match failures, from version 1.03, `citefind` will complain if requested entries are not found at all, or are found (and output) more than once. It will also complain if end-of-file is reached during collection of any bibliography entry.

BUGS

`citefind` is not smart enough to incorporate BIB_TE_X cross references unless their citation tags are included in the input list.

No attempt is made to reduce the output “@String{...}” commands to just those that are actually referenced.

Those features should be added.

SEE ALSO

`bibcheck`(1), `bibclean`(1), `bibdup`(1), `bibextract`(1), `bibjoin`(1), `biblabeled`(1), `biblex`(1), `bibborder`(1), `bibparse`(1), `bibsort`(1), `bibtex`(1), `bibunlex`(1), `citesub`(1), `citetags`(1), `gawk`(1), `latex`(1), `nawk`(1), `tex`(1).

FILES

`/usr/local/share/lib/bibextract/citefind.awk` `nawk`(1) program for tag extraction.

`/usr/local/bin/citefind` user-callable shell script to invoke `nawk`(1).

AUTHOR

Nelson H. F. Beebe
 Center for Scientific Computing
 University of Utah
 Department of Mathematics, 322 INSCC
 155 S 1400 E RM 233
 Salt Lake City, UT 84112-0090
 USA
 Tel: +1 801 581 5254
 FAX: +1 801 585 1640, +1 801 581 4148
 Email: beebe@math.utah.edu, beebe@acm.org, beebe@ieee.org (Internet)
 WWW: <http://www.math.utah.edu/~beebe>