NAME
> bibextract – extract BibTeX entries from a list of .bib files

SYNOPSIS
> **bibextract** *keyword-regexp value-regexp bibfile(s)*

DESCRIPTION
> **bibextract** extracts from a list of BIBTEX *.bib* files those bibliography entries that match a pair of specified regular expressions, sending them to *stdout*, together with all BIBTEX "@Preamble{…}" and "@String{…}" commands.
>
> The first regular-expression pattern, *keyword-regexp*, is used to select which *"keyword = "value""* pairs to examine further; it matches against the keyword part only. If it is an empty string, then all such pairs are examined.
>
> The second regular-expression pattern, *value-regexp*, is used to further select from the value strings of *"keyword = "value""* pairs the bibliography entries to be output. The selection algorithm therefore consists of the logical AND of match successes against the keyword and value strings.
>
> **bibextract** can be used to extract from a large BIBTEX bibliography data base just those bibliography entries that match a particular pair of regular expressions.

EXAMPLES
> Here are some examples:
>
> Extract all entries mentioning chaos in any field:
>
>> **bibextract** *"" "chaos" bibfile(s) >new-bibtex-file"*
>
> Extract entries with names Brown or Smith occurring in either of the author or editor fields:
>
>> **bibextract** *"author|editor" "brown|smith" bibfile(s) >new-bibtex-file*
>
> Extract entries for titles containing the letter 'z' anywhere after a vowel; note that single quotes are necessary to provide the necessary protection from shell expansion:
>
>> **bibextract** *"title" '[aeiou].*z' bibfile(s) >new-bibtex-file*

BUGS
> **bibextract** is not smart enough to incorporate BIBTEX cross references unless they are themselves matched by the specified regular expression.
>
> That feature should be added.

SEE ALSO
> **bibclean**(1), **bibindex**(1), **biblook**(1), **bibsort**(1), **bibtex**(1), **citefind**(1), **citetags**(1), **latex**(1), **nawk**(1).

FILES

/usr/local/lib/bibextract/bibextract.awk	**nawk**(1) program for tag extraction.
/usr/local/bin/bibextract	user-callable shell script to invoke **nawk**(1).

AUTHOR
> Nelson H. F. Beebe, Ph.D.
> Center for Scientific Computing
> Department of Mathematics
> University of Utah
> Salt Lake City, UT 84112
> USA
> Tel: +1 801 581 5254
> FAX: +1 801 581 4148
> Email: <beebe@math.utah.edu>