

**NAME**

bbl2bib.pl – convert thebibliography environment to a bib file

**SYNOPSIS**

bbl2bib.pl [-d] [-u] [-o *output*] *file*

**OPTIONS**

[-d]

Send debugging output to stdout

-o *output*

Output file. If this option is not used, the name for the output file is formed by changing the extension to .bib

-u Do not clean URL fields.

Normally bbl2bib recognizes URL fields of the kind `http://dx.doi.org` and their variants and converts them to DOI fields (see also **biburl2doi**(1) script). The switch **-u** suppresses this cleanup.

**DESCRIPTION**

The script tries to reconstruct a bib file from the corresponding thebibliography environment. One can argue that this operation is akin to reconstructing a cow from the steak. The way the script does it is searching for the entry in the MR database, and creating the corresponding BibTeX fields.

The script reads a TeX or Bbl file and extracts from it the thebibliography environment. For each bibitem it creates a plain text bibliography entry, and then tries to match it in the database.

**INPUT FILE**

We assume some structure of the input file:

1. The bibliography is contained between the lines

```
\begin{thebibliography}...
```

and

```
\end{thebibliography}
```

2. Each bibliography item starts from the line

```
\bibitem[...] {....}
```

**EXAMPLES**

```
bbl2bib -o - file.tex > result.bib
bbl2bib -o result.bib file.bbl
bbl2bib file.tex
```

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