

**NAME**

`bibdoiadd.pl` – add DOI numbers to papers in a given bib file

**SYNOPSIS**

`bibdoiadd [-c config_file] [-e 1|0] [-f] [-o output] bib_file`

**OPTIONS**

`-c config_file`

Configuration file. If this file is absent, some defaults are used. See below for its format.

`-e` If 1 (default), add empty doi if a doi cannot be found. This prevents repeated searches for the same entries if you add new entries to the file. Calling `-e 0` suppresses this behavior.

`-f` Force checking doi number even if one is present

`-o output`

Output file. If this option is not used, the name for the output file is formed by adding `_doi` to the input file

**DESCRIPTION**

The script reads a BibTeX file. It checks whether the entries have DOIs. If now, tries to contact <http://www.crossref.org> to get the corresponding DOI. The result is a BibTeX file with the fields `doi=...` added.

The name of the output file is either set by the `-o` option or is derived by adding the suffix `_doi` to the output file.

There are two options for making queries with Crossref: free account and paid membership. In the first case you still must register with Crossref and are limited to a small number of queries, see the agreement at [http://www.crossref.org/01company/free\\_services\\_agreement.html](http://www.crossref.org/01company/free_services_agreement.html). In the second case you have a username and password, and can use them for automatic queries. I am not sure whether the use of this script is allowed for the free account holders. Anyway if you try to add DOI to a large number of entries, you should register as a paid member.

**CONFIGURATION FILE**

The configuration file is mostly self-explanatory: it has comments (starting with `#`) and assignments in the form

```
$field = value ;
```

The important parameters are `$mode` ('free' or 'paid'), `$email` (for free users) and `$username` & `$password` for paid members.

**EXAMPLES**

```
bibdoiadd -c bibdoiadd.cfg -o - citations.bib > result.bib
bibdoiadd -c bibdoiadd.cfg -o result.bib citations.bib
```

**AUTHOR**

Boris Veytsman

**COPYRIGHT AND LICENSE**

Copyright (C) 2014–2017 Boris Veytsman

This is free software. You may redistribute copies of it under the terms of the GNU General Public License <<http://www.gnu.org/licenses/gpl.html>>. There is NO WARRANTY, to the extent permitted by law.