NAME

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

SYNOPSIS

bibdoiadd [−**c** *config_file*] [−**C** 1|0] [−**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.

−**C** 1|0

Whether to canonize names in the output (1) or not (0). By default, 1.

−**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 not, it 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. 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 assginments 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
```

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