

SYNOPSIS

datatool2bib [*option*]+ *in-file bibfile*

DESCRIPTION

Converts a *.tex* file containing *datatool.sty* databases to a *.bib* file in the format required for **bib2gls**. Distributed with *bib2gls*.

The TeX Parser Library is used to parse the input, which may be a DTLTEX or DBTEX file or a file that contains database construction commands, such as `\DTLnewdb` or `\DTLaction`. The input file may also be a CSV file if used with `--read`.

The **datatool** and **datagidx** are automatically implemented so the input file does not need to include either them with `\usepackage`. In general, it's best not to include the entire document but instead input a file that just contains the database construction commands, as the TeX Parser Library only has a limited set of commands that it recognises.

OPTIONS**GENERAL OPTIONS**

`--help` or `-h`

Display help message and exit.

`--version` or `-v`

Display version information and exit.

`--silent` or `--quiet` or `-q`

Suppress all messages except for errors.

`--verbose`

Switch on verbose mode.

`--no-verbose`

Switch off verbose mode.

`--debug` [*n*]

Display debugging messages.

`--debug-mode` *setting*

May be used instead of `--debug` where the level number is difficult to remember. Value same as for **bib2gls**'s `--debug-mode` option.

`--no-debug`

Switch off debugging mode. Equivalent to `--debug 0`.

`--log-file` *filename*

Log messages to given file. Intended primarily for debugging messages so enabling debug mode will automatically create a transcript file, but otherwise a file won't be created unless this option is used.

ENCOSING AND LOCALISATION OPTIONS

`--texenc` *name*

Set the character encoding to *name* for the input *.tex* files.

`--bibenc` *name*

Set the character encoding to *name* for the output *.bib* files.

--locale *lang tag*

Use the language resource files associated with the given language tag *lang tag*. If there isn't an appropriate file, the **en** (English) file will be used.

FILTERING OPTIONS**--preamble-only** or **-p**

Only parse the document preamble. That is, stop parsing if `\begin{document}` encountered.

--no-preamble-only

Parse the entire document (default).

--ignore-fields *list* or **-f** *list*

Ignore all the fields in the comma-separated *list*. Each item in the list should identify the field by its original case-sensitive column key.

This option is cumulative.

--no-ignore-fields

Cancel the effect of **--ignore-fields**.

--skip-datagidx

Skip the special **datagidx** internal database. (Default.)

--no-skip-datagidx

Don't skip the special **datagidx** internal database.

OUTPUT FILE OPTIONS**--overwrite**

Overwrite existing .bib files.

--no-overwrite

Don't overwrite existing .bib files.

--split

Split the entries into separate files according to the database.

--no-split

Don't split the entries into separate files (default).

ADJUSTMENT OPTIONS**--space-sub** *value* or **-s** *value*

Substitute spaces in labels with *value*.

--field-map *mappings* or **-m** *mappings*

Add source column key to destination field label mappings. The argument should be a comma-separated list of *col-key=bib-field* pairs. This option is cumulative.

--no-field-map

Cancel all mappings applied with **--field-map**.

--index-conversion or **-i**

Any entries that would normally be converted to `@entry` that don't have a **description** field will be converted to `@index`.

--no-index-conversion

Don't replace `@entry` with `@index` if the description is missing (default).

---detect--symbols

Attempt to detect entries that should be @symbol or @number based on the value of the **name** field.

---no--detect--symbols

Don't attempt symbol detection (default).

---label col--key or -L

Use column identified by *col--key* for the entry label. The default column key is **Label** so if the database doesn't have a column with this key, you will either need to specify a column with **---label** or use **---auto--label**. This option is ignored with **---auto--label**.

---auto--label or -a

Auto-generate entry labels instead of using a column value.

---no--auto--label

Don't auto-generate entry labels. Use the column identified by **---label** for the entry label. (Default.)

---auto--label--prefix prefix

Use *prefix* when auto-generating entry labels. Ignored with **---no--auto--label**.

---adjust--gls

Adjust labels in commands like \gls in field values. (Default.) This will also replace the *datagidx.sty* commands like \glsn1 with the closest *glossaries.sty* equivalent.

---no--adjust--gls

Don't adjust labels in commands like \gls in field values.

---dependency--field field--name

Sets the name of the dependency field. Has no effect with **---no--strip--glsadd**. With **---strip--glsadd**, the label from the stripped \glsadd argument will be added to the field identified by *field--name*. The default is **dependency** which will be ignored by **bib2gls** unless instructed otherwise (via field aliasing etc).

---no--dependency--field

Don't save labels from any stripped \glsadd instances.

---strip

Switch on all strip options.

---no--strip

Switch off all strip options.

---strip--glsadd

Strip \glsadd and its argument from field values. (Default.)

---no--strip--glsadd

Don't strip \glsadd from field values.

---strip--acronym--font

Strip \acronymfont from field values. (Default.)

---no--strip--acronym--font

Don't strip \acronymfont from field values.

--strip-acronym-text

Strip **text** field for acronyms identified by `\newacro`. (Default.)

--no-strip-acronym-text

Don't strip **text** field for acronyms.

--strip-acronym-name

Strip **name** field for acronyms identified by `\newacro`. (Default.)

--no-strip-acronym-name

Don't strip **name** field for acronyms.

--strip-case-change

Strip known case-changing commands (such as `\makefirstuc` or `\capitalisewords`) from field values.

--nostrip-case-change

Don't strip case-changing commands. (Default.)

OTHER OPTIONS

These options correspond to features introduced to *datatool.sty* version 3.0, which has a setting that stores the numeric value and currency symbol (where applicable) when parsing data. The original string (formatted number), numeric value and currency symbol are stored in a special datum format, which ordinarily expands to its original formatted text but also allows the previously parsed information to be easily extracted without having to reparse the data.

--setup *options*

Implement `\DTLsetup{options}` at the start. This can include options such as `store-datum`, `new-value-expand`, `new-value-trim` and `default-name`.

--read *options*

Instead of simply parsing the input file as a normal *.tex* file, the source is presented to the TeX parser as `\DTLread[options]{in-file}` where the options can be used to specify the file format (for example, `format=tsv`).

If the *options* list is empty (after trimming white space) then this becomes equivalent to **--no-read**.

--no-read

The input file is parsed as a normal *.tex* file, which may be the complete document or a file that can be `\input` into a document. (Default.)

--save-value *suffix*

If a field value is parsed and identified as numeric, the unformatted numeric value will be saved in a field whose name is constructed from the original field name followed by the given *suffix*.

--no-save-value

Don't save numeric value in a separate field. (Default.)

--save-currency *suffix*

If a field value is parsed and identified as currency data, the currency symbol will be saved in a field whose name is constructed from the original field name followed by the given *suffix*.

~~---no-save-currency~~

Don't save currency symbol in a separate field. (Default.)

~~---save-datum~~

Equivalent to:

```
---save-value '-value' ---save-currency '-currency'
```

~~---no-save-datum~~

Equivalent to ~~---no-save-value ---no-save-currency~~.

REQUIRES

Java 8 and a TeX distribution.

LICENSE

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RECOMMENDED READING

The bib2gls manual:

```
texdoc bib2gls
```

The glossaries-extra manual:

```
texdoc glossaries-extra
```

The glossaries manual:

```
texdoc glossaries
```

The datatool manual:

```
texdoc datatool
```

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