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

>   Cancels 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

 Cancels 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 "\glsnl" 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.

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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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