

NAME

rdb2tml – translate an RDB table into a TML table

SYNOPSIS

rdb2tml *options* [*input* [*output*]]

DESCRIPTION

rdb2tml translates an RDB table into TWiki Markup Language (TML), which is used by TWiki and Foswiki. It can be used as a filter, reading from the standard input stream, and writing to the standard output stream. It uses the TWiki and Foswiki **TablePlugin** to perform formatting and provide for interactive sorting.

The alignment of the columns may be determined from the RDB table or may be specified via the command line, as can all of the **TablePlugin** attributes. Additionally, **rdb2tml** can render complex column groupings.

Multi-level headers

Columns may be grouped hierarchically:

```

|   a   |   b   |
|  1   |  2   |
-----
|  x   |  x   |  x   |

```

rdb2tml is able to render this relationship if the column names encode the levels in the heirarchy. If the **--multi** option is specified, column names are treated as lists of levels, separated by the value of the **--ldelim**. In the above example, this would be

```
a:1 a:2 b
```

(using the default delimiter, :). Level names may be any string, provided it doesn't included the delimiter string.

Columns will be reordered to ensure the correct spatial relationship in the output.

The **TablePlugin** requires that the last header line be fully populated for sorting to work, so if the **--sort** option is specified, column names are moved to the lowest level required to do so. The above example would be rendered as

```

|   a   |   b   |
|  1   |  2   |  b   |
-----
|  x   |  x   |  x   |

```

OPTIONS AND ARGUMENTS**Arguments**

The input and output files may be specified on the command line rather than with the **--input** and **--output** options. Note that it is impossible to specify just the output file in this manner.

Options

Options may be abbreviated. Options which take values may be separated from the values by either an equals sign or by white space.

--input *filename*

The input RDB table to convert. If not specified either here or on the command line, the standard input stream is used.

--output *filename*

Where to write the output TML table. If not specified either here or on the command line, the standard output stream is used.

--comments

Include the RDB table comments in the output. It is wrapped in a `<pre></pre>` block.

- multi**
If specified, column names are split into levels based upon the value of the **--ldelim** option.
- ldelim *string***
The delimiter between levels in a multi-level column name. It defaults to the `:` character.
- usp**
Convert underscores in column names to spaces.
- version**
Output version information and exit.
- usage**
Output very short usage information and exit.
- h | --help**
Output short usage information and exit.
- man**
Output full usage information and exit.

TablePlugin Attributes

All of the attributes available via the TWiki and Foswiki **TablePlugin** are available as options. Simply prefix the **TablePlugin** attribute name with **--**. For example:

```
rdb2tml --initdirection down file.rdb
```

The following options have slightly different usage or behavior:

- sort | --nosort**
This option takes no arguments; it specifies whether or not **TablePlugin** should provide for interactive sorting of the table. Sorting is turned on by default if multi-level header encoding is not enabled or if the table does not have multi-level headers.
- headerrows *integer***
If this is *not* specified, **rdb2tml** will calculate the number of header rows based upon the number of levels deduced from the column names (if **--multi** is specified).
- dataalign *alignment list***
This specifies one or more horizontal alignments for the columns. If no alignment is specified for a particular column (if **--dataalign** is not specified, or if a list of alignments is specified with empty fields) column alignments are used upon the alignments specified in the RDB table, or if those are not present, the column types.

BUGS

None reported.

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VERSION

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AUTHOR

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