

## NAME

TextFilesToSDFfiles.pl - Generate SD files from CSV or TSV TextFile(s)

## SYNOPSIS

TextFilesToSDFfiles.pl TextFile(s)...

TextFilesToSDFfiles.pl [-h, --help] [--indelim comma | semicolon] [-l, --label yes | no] [-o, --overwrite] [-r, --root rootname] [-w, --workingdir dirname] TextFile(s)...

## DESCRIPTION

Generate SD files from CSV or TSV *TextFile(s)*. The new SD files contain no structure data as indicated by empty structure data block; Data fields and values in SD files are generated using *TextFile(s)* column labels and corresponding data values.

Multiple *TextFile(s)* names are separated by space. The valid file extensions are *.csv* and *.tsv* for comma/semicolon and tab delimited text files respectively. All other file names are ignored. All the text files in a current directory can be specified by *\*.csv*, *\*.tsv*, or the current directory name. The --indelim option determines the format of *TextFile(s)*. Any file which doesn't correspond to the format indicated by --indelim option is ignored.

## OPTIONS

-h, --help

Print this help message.

--indelim *comma | semicolon*

Input delimiter for CSV *TextFile(s)*. Possible values: *comma or semicolon*. Default value: *comma*. For TSV files, this option is ignored and *tab* is used as a delimiter.

-l, --label *yes | no*

First line contains column labels. Possible values: *yes or no*. Default value: *yes*. Column labels are used to create SD data field labels; otherwise, data field labels look like Column<colnumber>Data.

-o, --overwrite

Overwrite existing files.

-r, --root *rootname*

New SD file names are generated using the root: <Root>.sdf. Default new file names: <TextFileName>WithNoStrData.sdf. This option is ignored for multiple input files.

-w, --workingdir *dirname*

Location of working directory. Default: current directory.

## EXAMPLES

To generate NewSample1.sdf file from Sample1.csv file, type:

```
% TextFilesToSDFfiles.pl -o -r NewSample1 Sample1.csv
```

To generate NewSample1.sdf file from Sample1.tsv file which doesn't contain column labels line, type:

```
% TextFilesToSDFfiles.pl --label no -o -r NewSample1 Sample1.tsv
```

## AUTHOR

Manish Sud <msud@san.rr.com>

## SEE ALSO

JoinTextFiles.pl, MergeTextFiles.pl, ModifySDFfilesDataFields.pl, ModifyTextFilesFormat.pl

## COPYRIGHT

Copyright (C) 2022 Manish Sud. All rights reserved.

This file is part of MayaChemTools.

MayaChemTools is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version.