NAME

SQLite2DBF − convert an sqlite database-table to FoxBase (dBase)

SYNOPSIS

sqlite2dbf −s [SQLite−file] [options]

or

sqlite2dbf [Common options]

DESCRIPTION

You can use a variety of graphical user interfaces, notably those which support the SQL language, to create and maintain SQLite databases. The same is no longer true for dBase, a database format which is considered outdated, nowadays. However, the file−format is still in use in some contexts.

With sqlite2dbf you can convert one table at a time from an SQLite database into a dbf−file (in FoxBase format) and so benefit from the available GUI−interfaces, without risking incompatibilities, where a dBase−file is needed.

OPTIONS

−s, −−source [PATH] SQLite−file to read.

−c, −−config [PATH] Configuration file for this transformation

−n, −−name [TABLE] The name of the table from the SQLite−database to convert

−t, −−target [PATH] Path to the dBase−file to be written.

−l, −−list Show the list of available tables and exit

−o, −−out [PATH] Use the table−name as file−name for the DBF−result, store output in PATH

−−time [list] Fields (table−columns) which shall be handled as timestamp values.

−−date [list] Fields (table−columns) which shall be handled as date−time values.

Common Options

−d, −−debug Show debug−messages

−h, −−help Show this message

−v, −−version Show version and program information

EXAMPLES

List available tables in a SQLite database:

sqlite2dbf −−list −s database.sqlite

Transform a table from the database to dBase, the resulting file will be named after the table:

sqlite2dbf −s database.sqlite −−name table

Transform a table from the database to dBase, write the result to the target−file:

sqlite2dbf −s database.sqlite −−name table −t /directory/file.dbf

Transform a table from the database to dBase, put the result in a named directory:

sqlite2dbf −s database.sqlite −−name table −o /directory

Transform a table from the database to dBase, handle the named fields as dates:

sqlite2dbf −s database.sqlite −−name table −−date "expired last_accessed"

As before but be verbose:
sqlite2dbf −s database.sqlite −−name table −−date "expired last_accessed" −d

Use a user−defined configuration from config.txt for this transformation:
sqlite2dbf −c /home/user/sqlite2dbf_config.txt

As before but overwrite the path to the source−file:
sqlite2dbf −c /home/user/sqlite2dbf_config.txt −−source base.sqlite

ERRORS AND WARNINGS

sqlite2dbf does not return error−codes but writes errors and warnings to STDOUT. This mainly concerns cases, where a data−type from the SQLite−database cannot be converted for use in the dBase−file, probably when date− and/or time−fields are listed on the command−line. Please contact the author, if these issues seriously obstruct your work with sqlite2dbf. The converter should in any way create a useable dBase−file.

SOURCE CODE AND DEVELOPMENT

sqlite2dbf is developed in Ruby and can be installed as a Ruby−Gem. As Ruby is an interpreter−language, the source−code of the installed version is always accessible. You can also decompress the gem−file to take a look at the code.

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