

## NAME

DBToTextFiles.pl - Export data from database TableName(s) into CSV/TSV text files

## SYNOPSIS

DBTablesToTextFiles.pl TableName(s)...

DBTablesToTextFiles.pl [-d, --dbdriver *mysql* | *Oracle* | *Postgres* or *Pg*] [--dbhost *hostname*] [--dbname *databasename*] [--dbpassword *password*] [--dbusername *username*] [--exportdatalabels *yes* | *no*] [--exportlobs *yes* | *no*] [-h, --help] [-m, --mode *exportdata* | *describetable*] [-o, --overwrite] [--outdelim *comma* | *tab* | *semicolon*] [-q, --quote *yes* | *no*] [-r, --root *rootname*] [--replacenullstr *string*] [-w --workingdir *dirname*] TableName(s)...

## DESCRIPTION

Export data from MySQL, Oracle or PostgreSQL database tables into CSV/TSV text files. Or perform describe on all tables and store its output into CSV/TSV text files. A text file is generated for each table.

## OPTIONS

-d, --dbdriver *mysql* | *Oracle* | *Postgres* or *Pg*

Database driver name. Possible values: *mysql*, *Oracle*, *Postgres* or *Pg*. Default: *MySQL* or value of environment variable DBI\_DRIVER. This script has only been tested with MySQL, Oracle and PostgreSQL drivers.

--dbhost *hostname*

Database host name. Default: *127.0.0.1* for both MySQL and Oracle. For remote databases, specify complete remote host domain: *dbhostname.org* or something like it.

--dbname *databasename*

Database name. Default: *mysql* for MySQL, *postgres* for PostgreSQL and *none* for Oracle. For connecting to local/remote Oracle databases, this value can be left undefined assuming --dbhost is correctly specified.

--dbpassword *password*

Database user password. Default: *none* and value of environment variable DBI\_PASS is used for connecting to database.

--dbusername *username*

Database user name. Default: *none* and value of environment variable DBI\_USER is used for connecting to database.

--exportdatalabels *yes* | *no*

This option is mode specific and controls exporting of column data labels during exportdata mode. Possible values: *yes* or *no*. Default: *yes*.

--exportlobs *yes* | *no*

This option is mode specific and controls exporting of CLOB/BLOB or BYTEA data columns during exportdata mode. Possible values: *yes* or *no*. Default: *no*.

-h, --help

Print this help message.

-m, --mode *exportdata* | *describetable*

Data selection criterion from database. Possible values: *exportdata* or *describetable*. Default value: *exportdata*.

-o, --overwrite

Overwrite existing files.

--outdelim *comma* | *tab* | *semicolon*

Output text file delimiter. Possible values: *comma*, *tab*, or *semicolon*. Default value: *comma*.

-q, --quote *yes* | *no*

Put quotes around column values in output text file. Possible values: *yes* or *no*. Default value: *yes*.

`-r, --root rootname`

New file name is generated using the root: <Root>.<Ext>. Default new file names: <Mode><TableName>.<Ext>. The csv and tsv <Ext> values are used for comma/semicolon, and tab delimited text files respectively. This option is ignored for multiple input table names.

`--replacenullstr string`

Replace NULL or undefined row values with specified value. Default: *none*

For importing output text files into MySQL database using "load data local infile '<tablename>.tsv' into table <tablename>" command, use `--replacenullstr "NULL"` in conjunction with `--exportdatalabels no`, `--quote no`, and `--outdelim tab` options: it'll generate files for direct import into MySQL assuming tables already exists.

`-w --workingdir dirname`

Location of working directory. Default: current directory.

## EXAMPLES

To export all data in user and user\_info tables from a MySQL server running on a local machine using username/password from DBI\_USER and DBI\_PASS environmental variables, type:

```
% DBTablesToTextFiles.pl -o user user_info
```

To describe user and user\_info tables in a MySQL server running on a remote machine using explicit username/password and capturing the output into a DescribeTables.csv file, type:

```
% DBTablesToTextFiles.pl --dbdriver mysql --dbuser <name> --dbpassword
<password> --dbname mysql --dbhost <mysqlhostname.org>
-r DescribeTable -m describetable -o user user_info
```

To describe table all\_tables in Oracle running on a remote machine using explicit username/password and capturing the output into a DescribeAllTable.tsv file, type:

```
% DBTablesToTextFiles.pl --dbdriver Oracle --dbuser <name> --dbpassword
<password> --dbhost <oraclehostname.com> -r DescribeAllTable
-m describetable --outdelim tab --quote no -o all_tables
```

To export all data in user and user\_info tables from MySQL server running on a local machine using explicit username/password and capturing the data in ExportTables.tsv file with empty values substituted with NULL and no column labels, type:

```
% DBTablesToTextFiles.pl --dbdriver Oracle --dbuser <name> --dbpassword
<password> -r ExportTables --outdelim tab --quote no --replacenullstr
"\N" -m exportdata --exportlobs no --exportdatalabels no -o
user user_info
```

## AUTHOR

Manish Sud <msud@san.rr.com>

## SEE ALSO

DBSchemaTablesToTextFiles.pl, DBSQLToTextFiles.pl

## COPYRIGHT

Copyright (C) 2018 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.