

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*] [--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 or Oracle 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*

Database driver name. Possible values: *mysql* or *Oracle*. Default: *MySQL* or value of environment variable `DBI_DRIVER`. This script has only been tested with MySQL and Oracle 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 and value of environment variable `ORACLE_SID` 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 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 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 DescribeTables -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 describedata --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 --replacenustr  
"\N" -m exportdata --exportlobs no --exportdatalabels no -o  
user user_info
```

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SEE ALSO

DBSchemaTablesToTextFiles.pl, DBSQLToTextFiles.pl

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