MYSQLCLONE Introduction

by royalwzy

What is MYSQLCLONE?

MYSQLCLONE is free, simple and efficient. It's used to transfer a mysql database to the other.

How to use it?

```
royalwzy@tools$ ./mysqlclone
mysqlclone Version 1.2.0.0, for OS X, by Wang Zhaoyang(royalwzy.com) <sonne.k.wang@gmail.com>

This tool is used to clone database.
Usage: mysqlclone [OPTIONS] [database]
 -?, --help                Display this help and exit.
 -h, --help                Synonym for -?.
 --src-host=name           Source connect to host.
 --src-user=name           Source user for login.
 --src-password=name       Source password to use when connecting to server.
 --src-port=#              Source port number to use for connection, [3306] for default.
 --src-socket=name         The source socket file to use for connection.
 --src-db=name             Source databases to clone, cann't be system databases.
 --dst-host=name           Destination connect to host.
 --dst-user=name           Destination user for login.
 --dst-password=name       Destination password to use when connecting to server.
 --dst-port=#              Destination port number to use for connection, [3306] for default.
 --dst-socket=name         The destination socket file to use for connection.
 --dst-db=name             Database names are remapped to another database, cann't be system databases.
 --dst-bin-log             Whether generate binlog or not , [false] for default.
 -m, --mode                Which mode to transfer data, can only be load or insert, [load] for default.
 -d, --drop-src-db         Whether drop source database or not, [FALSE] for default.
 -D, --no-data             No row information, [FALSE] for default.
 -E, --events              Events included, [FALSE] for default.
 -R, --routines            functions and procedures included, [FALSE] for default.
 -x, --lock-all-tables     Locks all tables across all databases, [Lock the table to be read] for default.
 -v, --verbose             Write more information, [0] for default.
 -V, --version             Output version information and exit.
```

Quick Examples!

```
1.LOAD mode:
royalwzy@tools$ ./mysqlclone --src-host=localhost --src-user=root --src-db=test --dst-host=localhost --
dst-user=root --dst-db=test1
2014-12-05 21:05:00 INFO: database test started to clone, and remapped to test1.
2014-12-05 21:05:00 INFO: - table [t1] was transferred, Records: 0  Deleted: 0  Skipped: 0  Warnings: 0
2014-12-05 21:05:00 INFO: - table [t2] was transferred, Records: 3  Deleted: 0  Skipped: 0  Warnings: 0

2.SCHEMA only:
royalwzy@tools$ ./mysqlclone --src-host=localhost --src-user=root --src-db=test --dst-host=localhost --
dst-user=root --dst-db=test1 -R -E -D
2014-12-05 21:06:08 INFO: database test started to clone, and remapped to test1.
2014-12-05 21:06:08 INFO: - table [t1] was transferred.
2014-12-05 21:06:08 INFO: - table [t2] was transferred.
2014-12-05 21:06:08 INFO: - procedure [pr_test] was transferred.
2014-12-05 21:06:08 INFO: - procedure [pr_time] was transferred.
2014-12-05 21:06:08 INFO: - function [fn_test] was transferred.
2014-12-05 21:06:08 INFO: - event [event_test] was transferred.

3.INSERT mode:
royalwzy@tools$ ./mysqlclone --src-host=localhost --src-user=root --src-db=test --dst-host=localhost --
dst-user=root --dst-db=test1 --mode=INSERT
2014-12-05 21:04:16 INFO: database test started to clone, and remapped to test1.
2014-12-05 21:04:16 INFO: - table [t1] was transferred, [0] row succeed and [0] row failed.
2014-12-05 21:04:16 INFO: - table [t2] was transferred, [3] rows succeed and [0] row failed.
```

Got a Question?

1.You can download this tool from www.royalwzy.com;

2.This tool requires the mysql dynamic library, so make sure **mysql client** in your environment.

3.If errors from because dynamic library not exist, such as <dyld: Library not loaded: /usr/local/homebrew/lib/ libmysqlclient.18.dylib>, you can fix it by creating a soft link.

4.If you have any other questions please contact royalwzy by sonne.k.wang@gmail.com, Thank you!