

How to use MySQL Command-Line Tool

NOTE: This is an ALTERNATIVE way of executing sql files. You can choose to execute sql files in mysql workbench or command line. Both methods work.

1. Execute the “cmd” program in order to get the command interpreter in your machine. (You can type in “cmd” in the search window to find it.)
2. Use the createscript.sql provided in the wiki page. Or you can create your own sql file.
3. Run the following commands in cmd to run SQLs in the script file. In this guide the user is ‘root’.

```
mysql -u root -p <path/createscript.sql > path/output.txt
```

Then you need to enter the password for root.

path is where you put your createscript.sql file. The output of your query will be saved into output.txt.

For example,

```
mysql -u root -p <D:/createscript.sql > D:/output.txt
```

This command will execute the createscript.sql in drive D and save the output into output.txt. The content in output.txt should be something like this:

TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	TABLE_TYPE	ENGINE	VERSION	ROW_FORMAT
TABLE_ROWS	AVG_ROW_LENGTH	DATA_LENGTH	MAX_DATA_LENGTH	INDEX_LENGTH	DATA_FREE	
AUTO_INCREMENT	CREATE_TIME	UPDATE_TIME	CHECK_TIME	TABLE_COLLATION	CHECKSUM	CREATE_OPTIONS
TABLE_COMMENT						
def	mytestdb	singer	BASE TABLE	InnoDB	10	Dynamic
0	NULL	2020-10-13 09:44:01	NULL	NULL	utf8mb4_0900_ai_ci	NULL
TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	COLUMN_NAME	ORDINAL_POSITION	COLUMN_DEFAULT	
IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_LENGTH	CHARACTER_OCTET_LENGTH	NUMERIC_PRECISION		
NUMERIC_SCALE	DATETIME_PRECISION	CHARACTER_SET_NAME	COLLATION_NAME	COLUMN_TYPE	COLUMN_KEY	
EXTRA	PRIVILEGES	COLUMN_COMMENT	GENERATION_EXPRESSION	SRS_ID		
def	mytestdb	singer	SINGER_NAME	1	NULL	NO
NULL	utf8mb4	utf8mb4_0900_ai_ci	varchar(50)	PRI	select,insert,update,references	
NULL						
def	mytestdb	singer	SEX	2	NULL	NO
utf8mb4	utf8mb4_0900_ai_ci	char(1)			select,insert,update,references	
def	mytestdb	singer	AGE	3	NULL	NO
NULL	NULL	int			select,insert,update,references	

For more information, see MySQL manual page:

<http://dev.mysql.com/doc/refman/5.7/en/mysql.html>