MySQL backups and Restoration:

Backup:

root@Mahipal:/mnt/data/mysql3306# mysqldump -uroot -p --socket=/tmp/mysql3157.sock -hlocalhost test>test.sql

Enter password:

root@Mahipal:/mnt/data/mysql3306# ls

COPYING README bin data docs error.log include lib man my.cnf mysqltmp share support-files test.sql

root@Mahipal:/mnt/data/mysql3306#

root@Mahipal:/mnt/data/mysql3306#

root@Mahipal:/mnt/data/mysql3306# less ^C

root@Mahipal:/mnt/data/mysql3306# ^C

root@Mahipal:/mnt/data/mysql3306# less test.sql

[2]+ Stopped   less test.sql

root@Mahipal:/mnt/data/mysql3306#

root@Mahipal:/mnt/data/mysql3306#

root@Mahipal:/mnt/data/mysql3306# mysql -uroot -p --socket=/tmp/mysql3157.sock

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 5

Server version: 5.7.21-log MySQL Community Server (GPL)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>

mysql>

mysql> use test;

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A

Database changed

mysql> insert into emp(1,'AAA');

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '1,'AAA')' at line 1

mysql> insert into emp values(1,'AAA');

Query OK, 1 row affected (0.08 sec)

mysql>

mysql> insert into emp values(2,'AAF');

Query OK, 1 row affected (0.05 sec)

mysql>

mysql>

mysql> exit

Bye

root@Mahipal:/mnt/data/mysql3306#

root@Mahipal:/mnt/data/mysql3306#

root@Mahipal:/mnt/data/mysql3306# cd ~

```
root@Mahipal:~#

root@Mahipal:~#

root@Mahipal:~# pwd

/root

root@Mahipal:~# mkdir backups

root@Mahipal:~# cd backups/

root@Mahipal:~/backups# ls

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# ls

root@Mahipal:~/backups# pwd

/root/backups

root@Mahipal:~/backups# mysqldump -uroot -p  --socket=/tmp/mysql3157.sock -
hlocalhosttest>test.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# mysqldump -uroot -p  --socket=/tmp/mysql3157.sock -
hlocalhosttest>test.sql

root@Mahipal:~/backups# root


Command 'root' not found, did you mean:

  command 'proot' from deb proot (5.1.0-1.3)

  command 'rott' from deb rott (1.1.2+svn287-3)

  command 'toot' from deb toot (0.25.2-1)

  command 'rootv' from deb xawtv (3.106-1)
```

Try: apt install <deb name>

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# mysqldump -uroot -p --socket=/tmp/mysql3157.sock -hlocalhost test>test.sql

Enter password:

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# ls

test.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# less ^C

root@Mahipal:~/backups# less test.sql

[3]+ Stopped   less test.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# mysqldump -uroot -p --socket=/tmp/mysql3157.sock -hlocalhost --no-data test>test_only_stru.sql

Enter password:

root@Mahipal:~/backups#

```
root@Mahipal:~/backups#

root@Mahipal:~/backups# ls

test.sql  test_only_stru.sql

root@Mahipal:~/backups# ^C

root@Mahipal:~/backups# less test_only_stru.sql


[4]+  Stopped            less test_only_stru.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# mysqldump -uroot -p  --socket=/tmp/mysql3157.sock -hlocalhost --no-
create-info test>test_only_data.sql

Enter password:

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# ls

test.sql  test_only_data.sql  test_only_stru.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups# less test_only_data.sql


[5]+  Stopped            less test_only_data.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# mysqldump -uroot -p  --socket=/tmp/mysql3157.sock -hlocalhost --
routines --events test>test_all_info.s

ql

Enter password:

root@Mahipal:~/backups#
```

```
root@Mahipal:~/backups#

root@Mahipal:~/backups# ls

test.sql  test_all_info.sql  test_only_data.sql  test_only_stru.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# less

Missing filename ("less --help" for help)

root@Mahipal:~/backups# less test_all_info.sql


[6]+  Stopped                 less test_all_info.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# ls

test.sql  test_all_info.sql  test_only_data.sql  test_only_stru.sql

root@Mahipal:~/backups# mysqldump -uroot -p  --socket=/tmp/mysql3157.sock -hlocalhost --no-
data --routines test>test_all_info.

sql

Enter password:

root@Mahipal:~/backups# ls

test.sql  test_all_info.sql  test_only_data.sql  test_only_stru.sql

root@Mahipal:~/backups# less test_all_info.sql


[7]+  Stopped                 less test_all_info.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#
```

root@Mahipal:~/backups# mysqldump -uroot -p --socket=/tmp/mysql3157.sock -hlocalhost --no-create-info --events test>test_all_

info.sql

Enter password:

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# less test_all_info.sql

[8]+ Stopped   less test_all_info.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# mysqldump -uroot -p --socket=/tmp/mysql3157.sock -hlocalhost --all-databases >all_info.sql

Enter password:

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# less all_info.sql

[9]+ Stopped   less all_info.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# mysqldump -uroot -p --socket=/tmp/mysql3157.sock -hlocalhost test --tables emp >tables.sql

Enter password:

root@Mahipal:~/backups#

root@Mahipal:~/backups# less tables.sql

[10]+ Stopped   less tables.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# mysqldump -uroot -p --socket=/tmp/mysql3157.sock -hlocalhost --no-create-info test --tables emp >tabl

es.sql

Enter password:

root@Mahipal:~/backups#

root@Mahipal:~/backups# less tables.sql

[11]+ Stopped   less tables.sql

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# mysqldump -uroot -p --socket=/tmp/mysql3157.sock -hlocalhost --no-data --routines test --tables emp >

tables.sql

Enter password:

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups#

root@Mahipal:~/backups# mysqldump -uroot -p --socket=/tmp/mysql3157.sock -hlocalhost test --tables emp >tables.sql

Enter password: