

```
joe — joe@db-thegummibear: ~ — ssh jfrancom@ssh.cs.dixie.edu -L 6566:cordelia:6566 — 110x32
atlas@desdemona: ~ — ssh + ssh yavin ... • joe@db-thegummibear: ~ — ssh jfrancom@... ~/Desktop — -bash
[joe@db-thegummibear:~$ echo "Now let's manage our users and give them permissions on databases"
Now let's manage our users and give them permissions on databases
[joe@db-thegummibear:~$ echo "First we will create a database"
First we will create a database
[joe@db-thegummibear:~$ mysql -u root -p
Enter password: █
```

```
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[joe@db-thegummibear:~$ echo "Now let's manage our users and give them permissions on databases"
Now let's manage our users and give them permissions on databases
[joe@db-thegummibear:~$ echo "First we will create a database"
First we will create a database
[joe@db-thegummibear:~$ mysql -u root -p
[Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 5
Server version: 5.7.15-0ubuntu0.16.04.1 (Ubuntu)

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owners.

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

mysql> █
```

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[mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
4 rows in set (0.00 sec)

mysql> █
```

```
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[mysql> create database hogwarts;
Query OK, 1 row affected (0.07 sec)

mysql> █
```

```
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[mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| hogwarts |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.00 sec)

mysql> █
```

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[mysql> use hogwarts;
Database changed
[mysql> show tables;
Empty set (0.00 sec)

mysql> █
```

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[mysql> use hogwarts;
Database changed
[mysql> show tables;
Empty set (0.00 sec)

[mysql> drop database hogwarts;
Query OK, 0 rows affected (0.00 sec)

[mysql> show databases;
+-----+
| Database          |
+-----+
| information_schema |
| mysql             |
| performance_schema |
| sys               |
+-----+
4 rows in set (0.00 sec)

mysql> █
```

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[mysql> create database hogwarts;
Query OK, 1 row affected (0.00 sec)

mysql> █
```



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[mysql> SELECT User,Host FROM user;
ERROR 1046 (3D000): No database selected
[mysql> use mysql
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> SELECT User,Host FROM user;
+-----+-----+
| User          | Host      |
+-----+-----+
| debian-sys-maint | localhost |
| mysql.sys      | localhost |
| root           | localhost |
+-----+-----+
3 rows in set (0.00 sec)

mysql> █
```

```
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[mysql> SELECT User,Host FROM user;
ERROR 1046 (3D000): No database selected
[mysql> use mysql
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> SELECT User,Host FROM user;
+-----+-----+
| User          | Host      |
+-----+-----+
| debian-sys-maint | localhost |
| mysql.sys      | localhost |
| root           | localhost |
+-----+-----+
3 rows in set (0.00 sec)

[mysql> CREATE USER 'ron'@'localhost' IDENTIFIED BY 'weasley';
Query OK, 0 rows affected (0.01 sec)

mysql> █
```

```
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[mysql> SELECT User,Host FROM user;
+-----+-----+
| User          | Host      |
+-----+-----+
| debian-sys-maint | localhost |
| mysql.sys      | localhost |
| ron            | localhost |
| root           | localhost |
+-----+-----+
4 rows in set (0.00 sec)

mysql> █
```

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[mysql> CREATE USER 'draco'@'localhost' IDENTIFIED BY 'malfoyrules!';
Query OK, 0 rows affected (0.00 sec)

[mysql> SELECT User,Host FROM user;
+-----+-----+
| User          | Host      |
+-----+-----+
| debian-sys-maint | localhost |
| draco          | localhost |
| mysql.sys      | localhost |
| ron           | localhost |
| root          | localhost |
+-----+-----+
5 rows in set (0.00 sec)

mysql> █
```

```
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[mysql> DROP USER 'ron'@'localhost';
Query OK, 0 rows affected (0.00 sec)

[mysql> SELECT User,Host FROM user;
+-----+-----+
| User          | Host          |
+-----+-----+
| debian-sys-maint | localhost    |
| draco          | localhost    |
| mysql.sys      | localhost    |
| root           | localhost    |
+-----+-----+
4 rows in set (0.00 sec)

mysql> █
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[mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| hogwarts |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.00 sec)

[mysql> SELECT User,Host FROM user;
+-----+-----+
| User | Host |
+-----+-----+
| debian-sys-maint | localhost |
| draco | localhost |
| mysql.sys | localhost |
| root | localhost |
+-----+-----+
4 rows in set (0.00 sec)

[mysql> GRANT ALL PRIVILEGES ON hogwarts.* to 'draco'@'localhost';
Query OK, 0 rows affected (0.03 sec)

mysql> █
```

```
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mysql> SELECT User,Host,Db FROM db;
+-----+-----+-----+
| User      | Host      | Db      |
+-----+-----+-----+
| draco     | localhost | hogwarts |
| mysql.sys | localhost | sys      |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> █
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[mysql> SELECT User,Host FROM user;
+-----+-----+
| User          | Host      |
+-----+-----+
| debian-sys-maint | localhost |
| draco          | localhost |
| mysql.sys     | localhost |
| root          | localhost |
+-----+-----+
4 rows in set (0.00 sec)

[mysql> SELECT User,Host,Db FROM db;
+-----+-----+-----+
| User   | Host      | Db      |
+-----+-----+-----+
| draco  | localhost | hogwarts |
| mysql.sys | localhost | sys      |
+-----+-----+-----+
2 rows in set (0.00 sec)

[mysql> GRANT ALL PRIVILEGES ON hogwarts.* to 'lucius'@'localhost' IDENTIFIED BY 'deatheater';
Query OK, 0 rows affected, 1 warning (0.00 sec)

mysql> █
```



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[mysql> SELECT User,Host,Db FROM db;
+-----+-----+-----+
| User      | Host      | Db      |
+-----+-----+-----+
| draco     | localhost | hogwarts |
| lucius    | localhost | hogwarts |
| mysql.sys | localhost | sys      |
+-----+-----+-----+
3 rows in set (0.00 sec)

[mysql> SELECT User,Host,Db FROM db;
+-----+-----+-----+
| User      | Host      | Db      |
+-----+-----+-----+
| draco     | localhost | hogwarts |
| lucius    | localhost | hogwarts |
| mysql.sys | localhost | sys      |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> █
```

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[mysql> REVOKE ALL PRIVILEGES ON hogwarts.* FROM 'draco'@'localhost';
Query OK, 0 rows affected (0.00 sec)

[mysql> SELECT User,Host FROM user;
+-----+-----+
| User          | Host      |
+-----+-----+
| debian-sys-maint | localhost |
| draco          | localhost |
| lucius         | localhost |
| mysql.sys     | localhost |
| root          | localhost |
+-----+-----+
5 rows in set (0.01 sec)

[mysql> SELECT User,Host,Db FROM db;
+-----+-----+-----+
| User   | Host      | Db      |
+-----+-----+-----+
| lucius | localhost | hogwarts |
| mysql.sys | localhost | sys      |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> █
```

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[mysql> DROP USER 'draco'@'localhost'
-> ;
Query OK, 0 rows affected (0.00 sec)

[mysql> SELECT User,Host FROM user;
+-----+-----+
| User          | Host      |
+-----+-----+
| debian-sys-maint | localhost |
| lucius         | localhost |
| mysql.sys      | localhost |
| root           | localhost |
+-----+-----+
4 rows in set (0.00 sec)

mysql> █
```

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[mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.00 sec)

[mysql> quit
Bye
joe@db-thegummibear:~$ █
```