

How to select a DATABASE in MySQL

MySQL Server can contain multiple databases and can serve multiple clients simultaneously. So, when a client connects to or opens a mysql command prompt, a database (from existing multiple databases) should be selected to run the SQL queries or operations. In this tutorial, we shall learn to select a database in MySQL, from multiple databases.

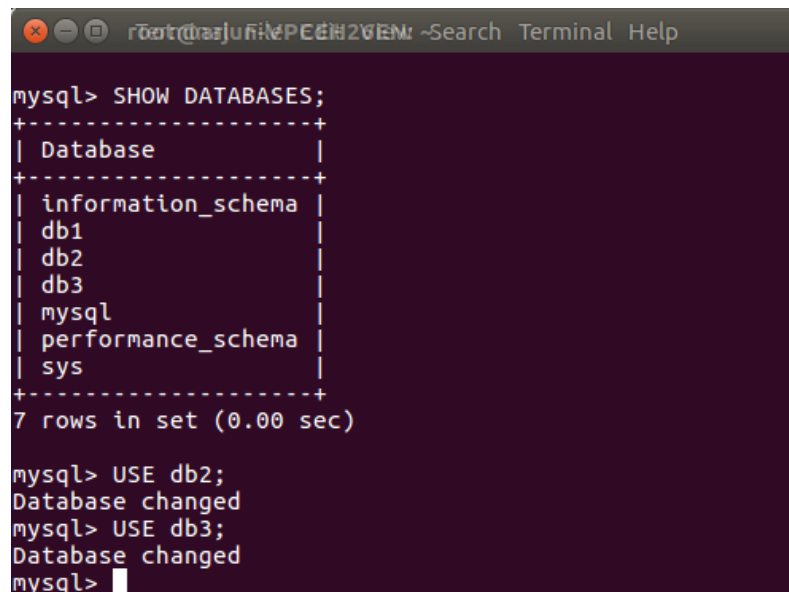
Syntax to select a database in MySQL

Following is the syntax of SQL query to select a database in MySQL in mysql command prompt :

```
USE <database_name>
```

- *database_name* : Name of the database to use and run the queries upon.

Now we shall see list of [existing databases](#) in MySQL Server and select one of them to use with SQL queries or operations.



```
mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| db1 |
| db2 |
| db3 |
| mysql |
| performance_schema |
| sys |
+-----+
7 rows in set (0.00 sec)

mysql> USE db2;
Database changed
mysql> USE db3;
Database changed
mysql>
```

Select a DATABASE in MySQL – USE DATABASE;

USE db2; selects database db2 for any subsequent queries on a database.

Change or switch DATABASE in MySQL

To change or switch DATABASE, run the same **USE database_name** query with the new database name that you wish to work on. In the example shown above, **USE db3;** changes the database, from db2 to db3, on which your SQL queries effect on.

Learn MySQL

↳ [MySQL Tutorial](#)

User Management

↳ [MySQL Server - Login to mysql Command Line Interface](#)

↳ [MySQL Server - Get list of All Users](#)

↳ [MySQL Server - Get list of Connected Users](#)

DATABASE

↳ [MySQL - Create DATABASE](#)

↳ [MySQL - Delete DATABASE](#)

↳ [MySQL - Show existing Databases](#)

↳ [MySQL - Select or Use DATABASE](#)

TABLE

↳ [MySQL - Create Table](#)

↳ [MySQL - Rename Table](#)

↳ [MySQL - Duplicate a Table](#)

↳ [MySQL - Add a new Column to Table](#)

↳ [MySQL - Delete or Drop a Column from MySQL Table](#)

↳ [MySQL - Select Distinct Values of Column](#)

↳ [MySQL - Count number of rows in Table](#)

↳ [MySQL - Increase column size](#)

↳ [MySQL - Add an AUTO_INCREMENT column as PRIMARY KEY](#)

↳ [MySQL - Add Column to INDEX](#)

↳ [MySQL - Delete or Drop Column from INDEX](#)

↳ [MySQL - SHOW INDEX of Table](#)

↳ [MySQL - Rename Column or Change Column](#)

Solve Issues

↳ [MySQL - LAST_INSERT_ID returns 0](#)