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MySQL command to show list of databases on server

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Q. I am new to MySQL database server. How do I show the list of databases on my server? Is there any good GUI frontend exists for the same?

A. You can use mysql command to connect to mysql server and list available databases.

Task: Mysql list databases

mysql is a simple command-line tool. mysql is command line and it is very easy to use. Invoke it from the prompt of your command interpreter as follows:

```
$ mysql
```

Output:

```
mysql>
```

You may need to provide mysql username, password and hostname, use:

```
$ mysql --user=your-user-name --password=your-password
```

```
mysql>
```

To list database type the following command

```
mysql> show databases;
```

Output:

```
+-----+
| Database          |
+-----+
| information_schema |
| mysql              |
+-----+
2 rows in set (0.00 sec)
```

information_schema and mysql are name of databases. To use these database and to list available tables type the following two commands:

```
mysql> use mysql;
```

Output:

```
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
```

Now list tables:

```
mysql> show tables;
```

Output:

```
+-----+
```

```
| Tables_in_mysql |
+-----+
| columns_priv   |
| db             |
| func           |
| help_category  |
| help_keyword   |
| help_relation  |
| help_topic     |
| host           |
| proc           |
| procs_priv     |
| tables_priv    |
| time_zone      |
| time_zone_leap_second |
| time_zone_name |
| time_zone_transition |
| time_zone_transition_type |
| user           |
+-----+
17 rows in set (0.00 sec)

mysql>
```

GUI tools

Since you are new to MySQL, it is better to use GUI tools. Please refer previous article about "[GUI Tools for managing MySQL databases server](#)"^[2]

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[2] GUI Tools for managing MySQL databases server: <http://www.cyberciti.biz/faq/gui-tools-for-managing-mysql-databases-server/>