**MySQL command to show list of databases on server**

**Posted on**[**November 28, 2006**](https://www.cyberciti.biz/faq/mysql-command-to-show-list-of-databases-on-server/)**in Categories**[**BASH Shell**](https://www.cyberciti.biz/faq/category/bash-shell/)**,**[**CentOS**](https://www.cyberciti.biz/faq/category/centos/)**,**[**Debian / Ubuntu**](https://www.cyberciti.biz/faq/category/debian-ubuntu/)**,**[**FreeBSD**](https://www.cyberciti.biz/faq/category/freebsd/)**,**[**Linux**](https://www.cyberciti.biz/faq/category/linux/)**,**[**MySQL**](https://www.cyberciti.biz/faq/category/mysql/)**,**[**Suse**](https://www.cyberciti.biz/faq/category/suse/)**,**[**UNIX**](https://www.cyberciti.biz/faq/category/unix/) last updated February 27, 2016

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Iam a new Linux user and never used MySQL database server before. How do I show the list of databases on my server? Is there any good GUI frontend exists for the same purpose?  
  
You can use the 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  
Sample outputs:

mysql>

You may need to provide mysql username, password and hostname, use:  
$ mysql --user=your-user-name --password=your-password  
OR  
$ mysql -u your-user-name -p'Your-password' -h your-hostname

**To list database type the following command at mysql prompot:**

mysql> **show databases;**  
Output:

+--------------------+

| Database |

+--------------------+

| information\_schema |

| mysql |

+--------------------+

2 rows in set (0.00 sec)

In this sample output information\_schema and mysql are name of databases. To use database and to list available tables type the following two commands:  
mysql> **use mysql;**  
Sample 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, run:  
mysql> **show tables;**  
Sample outputs:

+---------------------------+

| 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>

**Shell one liner**

Use the following one liner to get the same information:

|  |
| --- |
| mysql -u root -p -e 'show databases;' |