

How to Back Up MySQL Databases From The Command Line

To backup a MySQL database you can use a graphical interface such as phpmySQL, however this can be done quite simply from the command line.

From the command line:

First you must login to MySQL

```
mysql -u root -p - (the root part assumes root is your mysql username)
```

A database backup is essentially a file that contains all the tables, fields and data from your database, stored in a text file. To perform a backup, use the following command line:

```
mysqldump database_name > database_name.sql  
database name is the SQL database name (the output can be different)  
e.g. mysqldump gallery > gallery.sql
```

This command only backs up a single database, if you wish to do multiple databases then use:

```
mysqldump --databases database_one database_two > two_databases.sql
```

This allows the backup of many databases, in to one backup file.

You can backup all databases with this command:

```
mysqldump --all-databases > all_databases.sql
```

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