

Table Of Contents

Table Of Contents	1
-------------------------	---

[Home](#) > [Faq](#) > [BASH Shell](#)

Howto: Use mysql or run mysql queries from shell script

Posted by [Vivek Gite](#) <vivek@nixcraft.com>

Q. I have job (executed from shell script) where I need to run mysql query from a shell script. I want to run mysql from within a shell script rather than use it interactively by typing `mysql -u user -p dbname` command.



How do I use mysql in Shell Scripts?

A. I recommend using Perl or php as it is easier to get data from mysql. You can easily use APIs. BASH/KSH Shell does not provide access to mysql directly.

However you can pass sql command using mysql -e switch. Following query connect as root and print mysql server uptime:

```
$ mysql -u root -p -e STATUS | grep -i uptime
```

Output:

```
Uptime:                4 hours 59 min 56 sec
```

You can add code as follows from shell script:

```
#!/bin/bash
mysql dbname<<EOFMYSQL
SELECT * from table;
EOFMYSQL
```

Save and execute script as follows:

```
$ chmod +x script.sh
$ ./script.sh
```

I strongly recommend using perl or php as shell provides limited access.

4000+ howtos and counting! Want to read more Linux / UNIX howtos, tips and tricks? Subscribe to our [daily email](#) newsletter or [weekly newsletter](#) to make sure you don't miss a single tip/tricks. Alternatively, subscribe via [RSS/XML](#) feed.

Article printed from Frequently Asked Questions About Linux / UNIX: <http://www.cyberciti.biz/faq/>

URL to article: <http://www.cyberciti.biz/faq/using-mysql-in-shell-scripts/>

URLs in this post:

[1] Image: <http://www.cyberciti.biz/faq/faq/category/mysql/>