



MySQL Databases on webpages.sou.edu

Brad Christ - 2022-04-26 - Comments (0) - Web

MySQL databases are available for non-production and educational use to students, faculty, and staff on webpages.sou.edu

Two databases are automatically created upon your first login, they are `usr_username_0` and `user_username_1` (replace username with your SOU username).

There is a ".my.cnf" file in your home directory on the webpages.sou.edu server. This file contains your MySQL password (use your SOU username).

To access webpages.sou.edu, use any SSH client. For Windows, we recommend [PuTTY](#). Mac and Linux systems have SSH clients built-in to the operating system.

For remote access from an on-campus computer, MySQL runs on the standard port of 3306. MySQL remote access is not available from off-campus (use SSH instead). Try the following settings to connect via SSH tunneling from off-campus. This is easily performed in [MySQL Workbench](#) but can be made to work through your preferred SSH client by first connecting to the server via SSH and then launching `mysql` at the shell.

Instructions for Any SSH Client (PuTTY, OpenSSH, etc)

```
ssh racod@webpages.sou.edu
```

```
racod@webpages.sou.edu's password:
```

```
[racod@apwebpages02v ~]$ cat .my.cnf
```

```
[client]
```

```
password=<your mysql password is here>
```

```
[racod@apwebpages02v ~]$ mysql -u racod -p
```

```
Enter password: <mysql password from the .my.cnf file>
```

```
Welcome to the MariaDB monitor.  Commands end with ; or \g.
```

```
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

```
MariaDB [(none)]> show databases;
```

```
+-----+
| Database      |
+-----+
| information_schema |
| usr_racod_0   |
| usr_racod_1   |
+-----+
3 rows in set (0.013 sec)
```

MariaDB [(none)]> Bye

MySQL Workbench Settings

SSH Hostname: webpages.sou.edu

SSH Username: <your regular SOU username>

SSH Password: <your regular SOU password>

MySQL Hostname: 127.0.0.1

MySQL Server Port: 3306

MySQL Username: <your regular SOU username>

MySQL Password: <your MySQL password from your .my.cnf file>

Setup New Connection

Connection Name: Type a name for the connection

Connection Method: Method to use to connect to the RDBMS

Parameters SSL Advanced

SSH Hostname: SSH server hostname, with optional port number.

SSH Username: Name of the SSH user to connect with.

SSH Password: Clear SSH user password to connect to the SSH tunnel.

SSH Key File: Path to SSH private key file.

MySQL Hostname: MySQL server host relative to the SSH server.

MySQL Server Port: TCP/IP port of the MySQL server.

Username: Name of the user to connect with.

Password: Clear The MySQL user's password. Will be requested later if not set.

If your MySQL password is not working, please contact the IT Help Desk for assistance.