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## 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: cs360\_over\_ssh Type a name for the connection

Connection Method: Standard TCP/IP over SSH Method to use to connect to the RDBMS

Parameters SSL Advanced

SSH Hostname: webpages.sou.edu SSH server hostname, with optional port number.

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

SSH Password: SSH user password to connect to the SSH tunnel.  
Store in Keychain ... Clear

SSH Key File: ... Path to SSH private key file.

MySQL Hostname: 127.0.0.1 MySQL server host relative to the SSH server.

MySQL Server Port: 3306 TCP/IP port of the MySQL server.

Username: vanderbem Name of the user to connect with.

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

Configure Server Management... Test Connection Cancel OK

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