

MySQL on dbase / Ubuntu / Windows

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How to use MySQL from dbase.cs.jhu.edu

Step-1: Create an account at ugrad/grad.

You must have an account to access ugrad (ugradx.cs.jhu.edu) or grad (gradx.cs.jhu.edu) linux computers. If you don't have an account, please contact Debbie DeFord at Malone 160, and fillup a request form.

Step-2: Connect to ugrad/grad computer using ssh.

You cannot connect to dbase.cs.jhu.edu directly from your personal computers. You can access dbase only from some computer in ugrad/grad computers. So, SSH to ugrad computer first.

In Linux/Mac:

- Open a terminal and run the command:
ssh USERNAME@ugradx.cs.jhu.edu
or
ssh USERNAME@gradx.cs.jhu.edu
- You'll be prompted for password.

In Windows:

- Run putty (Download putty.exe from <http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>)
- Enter host address: ugradx.cs.jhu.edu (or gradx.cs.jhu.edu)
- Press Enter.
- You'll be prompted for username and password.

Step-3: Connect to dbase.cs.jhu.edu and run MySQL.

Note: You cannot connect to dbase.cs.jhu.edu directly from your personal computers. You can access dbase only from some computer in ugrad/grad computers. So, SSH to ugrad computer first.

Run the following commands in Terminal / Putty.

```
> mysql -h dbase.cs.jhu.edu -u USERNAME -p
> show databases;
> connect YOUR_DB
> show tables;
> \. URL_TO_JHU.SQL
> show tables;
> select FacId, Lname, Fname from Faculty;
> exit
```

How to install and use MySQL on Ubuntu (Linux)

Step-1: Install

Open terminal and run the following commands:

```
> sudo apt-get install mysql-server
> sudo apt-get install mysql-workbench
```

Step-2: Run MySQL

```
> mysql -h 127.0.0.1 -u root -p
> show databases;
> show databases;
> create database cs415;
> connect cs415;
> show tables;
> \. FILEPATH_OF_JHU.SQL
> select * from Faculty;
```

You can also run queries from the GUI (graphical user interface) of the mysql-workbench program.

How to install and use MySQL on Windows

Step-1: Install Pre-requisites

- Install visual c++ redistributable packages for visual studio 2013. Download link: <http://www.microsoft.com/en-us/download/details.aspx?id=40784>

Step-2: Installation and

- Download MySQL community server. Url: <http://dev.mysql.com/downloads/>
- Start installing. Follow the instructions. You may like to go for custom installation, and select MySQLServer and Workbench.

Step-3: Run MySQL

- You can either use the command line program in programs menu, or use workbench.

Notes

- If you get an error (of any kind), please google with the error message. Probably, you are not the first first to get this error.