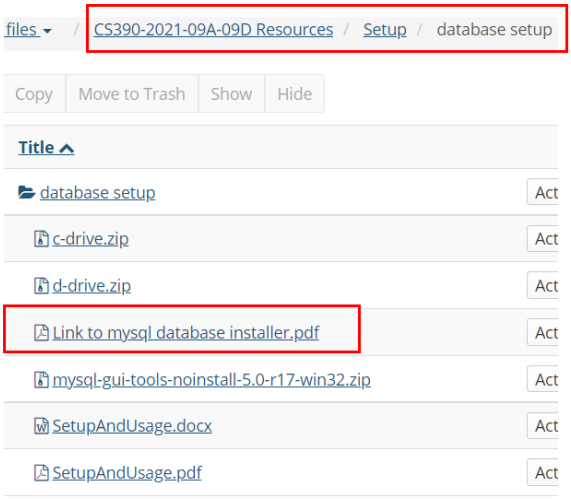
Setup and Usage Instructions for MySql and MySql Query Browser

MySql Database System: Installation.

1. Use the link provided in Sakai to download mysql-noinstall-5.1.63-win32.zip and copy it to the top level of either C drive or D drive.



2. To install, unzip the zip archive into your C drive (or D drive). The result will be a directory in your C drive (or D drive) named `mysql-noinstall-5.1.63-win32`.
3. Change the name of the folder that was just created in C drive (or D drive) in the following way: change `mysql-noinstall-5.1.63-win32` to `mysql`.

   IMPORTANT: In order for the scripts for the course to work properly, you *must* change the name of this directory in this way.

After this simple installation and name change, you should see a directory structure like this (if you installed on C drive):

C:
- mysql
  - bin
  - data
  - Docs
  - Embedded
  - include
  - lib
  - mysql-test
  - scripts
  - share

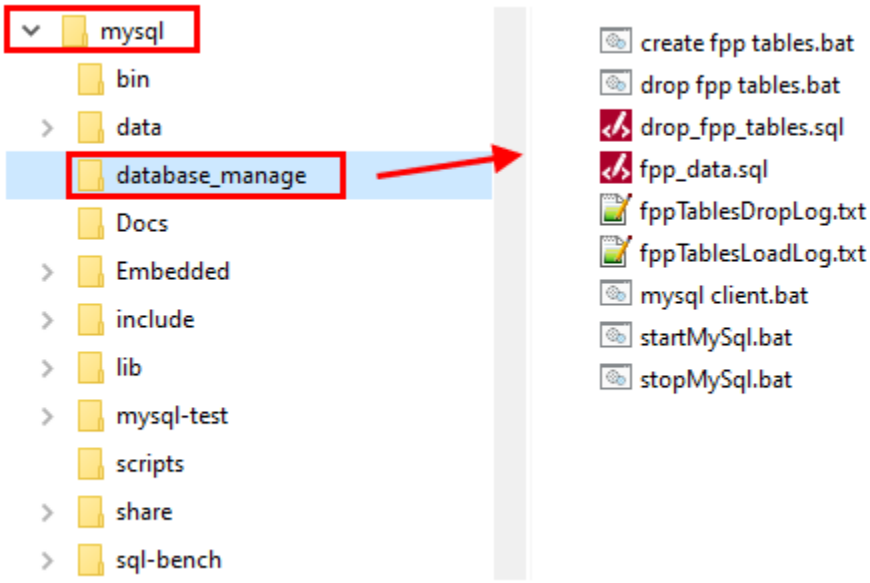
sql-bench

MySql Database System: Loading Data for the Course.

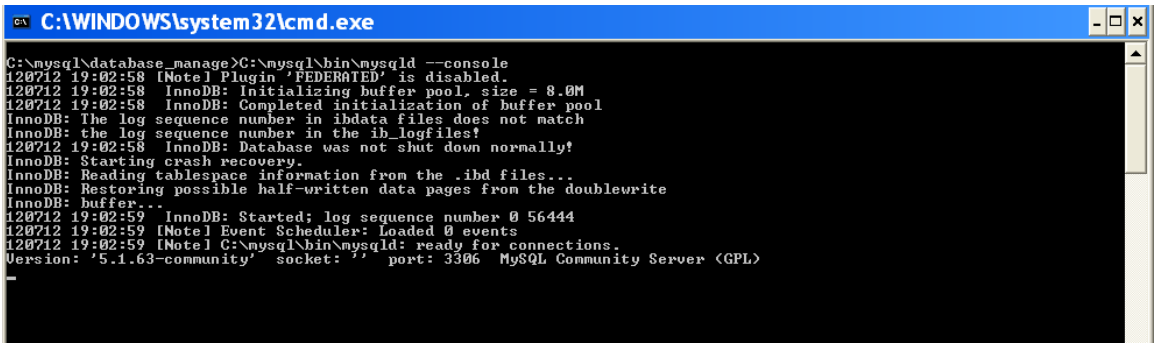
1. In the Resources/Setup/database setup folder in Sakai, you will find zip files called c-drive and d-drive. If you installed mysql on C: drive, download c-drive.zip; otherwise download d-drive.zip. (For this demo, I will assume you are using C drive).
2. After unzipping c-drive.zip, look in the c-drive folder and find a directory called *database_manage*. This directory contains database scripts for the course.

   Copy the database_manage directory into your C:\mysql directory. Scripts are designed to find the executables and utilities in the `mysql` package if you place `database_manage` at this top level within the `mysql` directory.

   After copying, your directory structure should look something like this:



3. *Test the installation.* Inside mysql\database_manage, double click the `startMySql.bat` file. This should start the MySql DBMS server. A console window should come up that looks like the following:



4. *Load the data.* After your server has started, load the tables for this course.
   a. Double-click the file `create fpp tables.bat` in mysql\database_manage. This script loads two tables: Person and Address.

5. *Verifying the data.* The data for the course project has now been loaded. You can check that two databases have been added by running the MySql client:

   Double-click `mysql client.bat`. At the prompt, type

   ```
   show databases;
   ```

   You should see something similar to the following

6. When you have finished work on the MySql server, stop it by double-clicking the file `stopMySql.bat` in mysql\database_manage.

Note: By default, user name is *root* and password is the empty string (i.e. just blank).