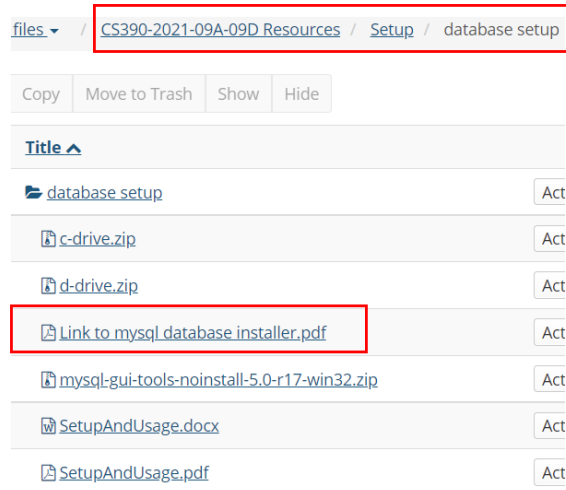


Setup and Usage Instructions for MySql and MySql Query Browser

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):

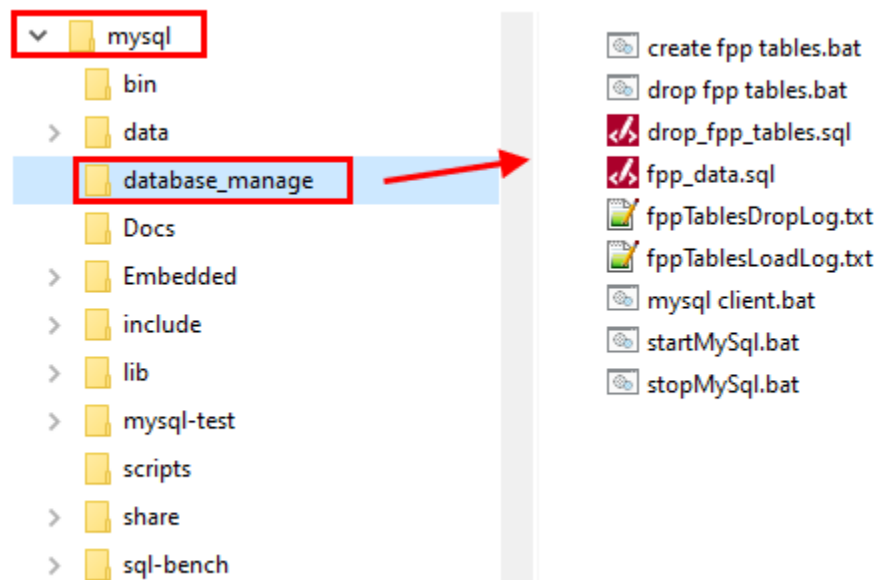
```
C:
- mysql
  bin
  data
  Docs
  Embedded
  include
  lib
  mysql-test
  scripts
  share
```

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:

```
C:\WINDOWS\system32\cmd.exe
C:\mysql\database_manage>C:\mysql\bin\mysqld --console
120712 19:02:58 [Note] Plugin 'FEDERATED' is disabled.
120712 19:02:58 InnoDB: Initializing buffer pool, size = 8.0M
120712 19:02:58 InnoDB: Completed initialization of buffer pool
InnoDB: The log sequence number in ibdata files does not match
InnoDB: the log sequence number in the ib_logfiles!
120712 19:02:58 InnoDB: Database was not shut down normally!
InnoDB: Starting crash recovery.
InnoDB: Reading tablespace information from the .ibd files...
InnoDB: Restoring possible half-written data pages from the doublewrite
InnoDB: buffer...
120712 19:02:59 InnoDB: Started; log sequence number 0 56444
120712 19:02:59 [Note] Event Scheduler: Loaded 0 events
120712 19:02:59 [Note] C:\mysql\bin\mysqld: ready for connections.
Version: '5.1.63-community' socket: '' port: 3306 MySQL Community Server <GPL>
```

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

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| accountsdb |
| fppdb |
| mysql |
| productsdb |
| test |
| waa_db |
+-----+
7 rows in set (0.08 sec)
```

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).