**FPP Lesson-13 Setup and Usage Instructions for MySql**

**MySql Database System: Installation**.

1. From Sakai, go to Resources\DemoCode\lesson13. Download mysql-noinstall-5.1.63-win32.zip and copy it to the top level of either C drive or D drive into your manchine.
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: Right click and rename it from 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

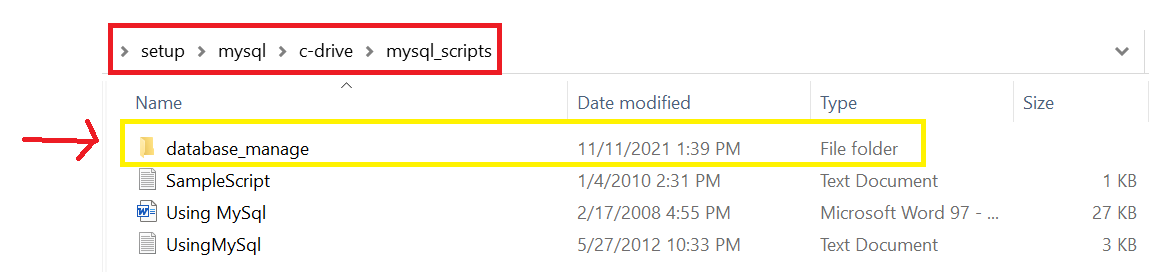
scripts

share

sql-bench

**MySql Database System:**  **Loading Data for the Course**.

1. In the Resources\DemoCode\lesson13\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. Unzipping c-drive.zip, look inside c-drive folder and find a directory called *database\_manage from* *c-drive\mysql\_scripts*. This directory contains database scripts for the course. See the screenshot below for the better understanding.

  
  
*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:

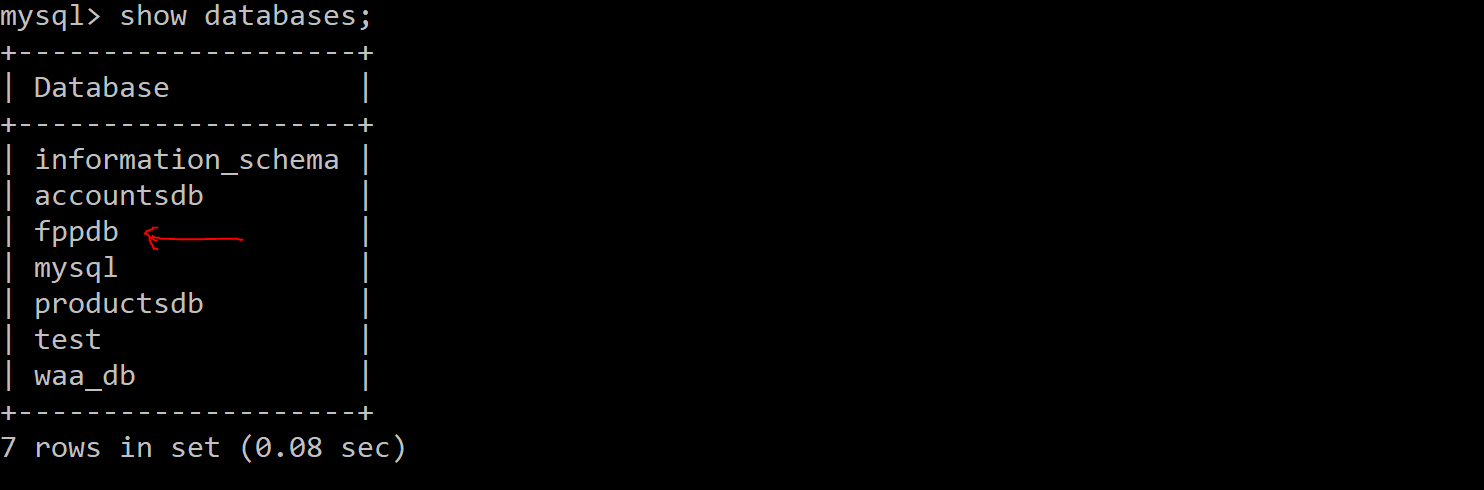
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1. *Test the installation.* Inside mysql\database\_manage, double click the startMySql.bat file. This should start the MySql DBMS server. A console window should come up that looks like the following:



1. *Load the data.* After your server has started, load the tables for this course.
   1. Double-click the file create fpp tables.bat in mysql\database\_manage. This script loads two tables: Person and Address.
2. *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  
  


1. 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).**

1. Go to your Eclipse IDE. Click File\Import.

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Click Browse, just click "Select Folder", where you download the JdbcPractice project from lesson13.

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After Importing the JdbcPractice project, You will see something red colored exclamatory symbol like this :

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The red marking on JdbcPractice indicates that you need to add a jar file to that project – we do that next.

Right click on JdbcPractice project and select Properties. Pick Java Build Path. You will see:

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Description automatically generated

Select Libraries. You will probably see my-sql-connector marked in red. Click the Edit button at the right

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Description automatically generated

Then navigate to your jars folder in the DemoCode\lesson13 folder and select the mysql-connector-jar file that you see there.  
  
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The red marking should disappear. Click Apply and Close. JdbcPractice project should be free of red marks.

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