**How to Download and install MYSQL 5.6.28**

**Adopted from Prof. Emile Chungtien Chi revised by Prof. Z. Zhang, Jan. 2016**

**Caveat emptor: This free software is subject to frequent updates and the download procedure frequently changes so these instructions may not be up-to-date.**

**You must create all assigned databases on your own computer in order to take CSC424!**

Go to this url: [Download MySQL Community Server](http://dev.mysql.com/downloads/mysql/)

Select your platform

[ If you have a MAC, try <http://dev.mysql.com/doc/refman/5.0/en/macosx-installation.html> but you are on your own. I have never used this version, so you are on your own if you have a MAC. A much better alternative would be to: [virtualize windows on your Mac](http://www.macworld.com/article/1164817/the_best_way_to_run_windows_on_your_mac.html) ]

For Windows choose the first option: Windows (x86, 64 bit), MySQL Installer MSI and click ‘Download’

In the next screen select the MS Windows platform again and choose the first option Windows (x86, 32 bit), MySQL MSI Installer and click ‘Download’. The correct 32 or 64 bit executables for your OS will be installed. I know this is a little confusing – blame Oracle. Oracle bought MySQL and at least, still gives the Community Edition away free!

Note that just below *Download* the MD5 signature is displayed. Use this to verify that the download has not been hacked.

Register as a new user or skip this and just download MySQL and save the file.

Next go to this url: <http://www.fourmilab.ch/md5/>

Download *md5.zip*.

Unzip this to extract the command line program *md5.exe.*

Put both *md5.exe* and mysql-installer-community-5.6.20.0.msiin the same folder

*Note this version is correct as of 08-25-2014. If the web site has a later version, use it.*

Start a command prompt and navigate to this folder, then type:

md5 mysql-installer-web-community-5.6.20.0.ms

The md5 checksum will displayed and should match the one given on the MySQL download page.

If it does, it is safe to proceed. If not choose the other download link and repeat the above steps.

Run the .msi (by double clicking) which starts the setup wizard for MySQL

On the MySQL Installer Welcome screen click ‘Install MySQL Products’

Accept the license and click *Next*  to check for updates then click *Execute*

Click *Next* and choose Developer Default

For the data path I recommend you setup a folder for this course, instead of using the default.

Click *Next* and follow the instructions to setup the required additional software. If you don’t already have them, these will be the MS VC++ 2010 32-bit runtime and the MS .NET Framework 4 Client Profile, and possibly other MS software.

*Click* *Next* and *Execute*. The installer will now download and install the entire package.

Connector/OCBC 5.3.4 download may fail (so Oracle sn’t that nice, not to worry, click Yes to install remaining products)

The install will take a few minutes – be patient!

Click *Next*, Click *Next*

In the MySQL Server Configuration Window choose *Development Machine,* leave the defaults as they are and Click *Next*.

Choose a root password

Click ‘Add user’ and add at least one user account with host ‘All Hosts’ and role ‘DB Admin’

Click *OK; Click* Next.

Choose defaults for the rest of the screens, and write down the windows service name which may be MySQL56

Click *Next*, Click ‘Next’, Click *Next*

Click ‘Copy log to clipboard’ paste it into a textpad file and save it in case you need to troubleshoot the installation later.

Click ‘Finish’.

The MySQL Workbench starts; click on the + symbol to the right of “MySQL Connections, make up a connection name, Click on the gray box for your new connection and click *OK*

Enter your password and Click *OK*

If you did everything correctly, the MySQL Workbench will open and you are ready to start learning SQL

We will use the MYSQL Workbench to do everything else with the databases we create.

The installation includes a database named ‘sakila’

You should play with this database to get a feeling for MySQL

Click the arrow to the left of ‘sakila’ and then click the arrow to the left of ‘Tables’

Right click any table name and click ‘SelectRows’. You are running an SQL query and looking at a database table.

Database creation, administration, and manipulation will be demonstrated in class.