

# INSTALLING MYSQL ON MAC OSX



This document contains instructions on how to install MySQL server and MySQL Workbench on MacOSX. If you don't know what MySQL server and workbench are, that's fine! We'll be covering it in the class. All you need to know for now is that we'll install MySQL Server first, followed by MySQL Workbench.

As mentioned in the main README, **please come to class with MySQL and MySQL Workbench already installed on your computer.**

Note that during this installation, you may have to input, or be given a root password. **Please do not forget or lose this!**

If you have issues with this process, I will be in class one hour prior to the official start time and can help with any installation issues.


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# INSTALLING MYSQL SERVER

Go to the MySQL downloads page, found here:

<https://dev.mysql.com/downloads/mysql/>

You should download the DMG version of the server (leftmost red arrow), by clicking the blue download button to the right of the screen



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Other Downloads

## Download MySQL Community Server

MySQL Community Edition is a freely downloadable version of the world's most popular open source database that is supported by an active community of open source developers and enthusiasts.

MySQL Cluster Community Edition is available as a separate download. The reason for this change is so that MySQL Cluster can provide more frequent updates and support using the latest sources of MySQL Cluster Carrier Grade Edition.

Important Platform Support Updates

Online Documentation:

- Installation Instructions, Documentation and Change History for the MySQL 5.7 Generally Available (GA) Release
- Installation Instructions, Documentation and Change History for the MySQL 5.6 Generally Available (GA) Release
- Installation Instructions, Documentation and Change History for the MySQL 5.5 Generally Available (GA) Release

Looking for previous GA versions?

- MySQL Community Server 5.6 »
- MySQL Community Server 5.5 »
- Archived versions »

MySQL open source software is provided under the GPL license. OEMs, ISVs and VARs can purchase commercial licenses.

Please report any bugs or inconsistencies you observe to our [Bugs Database](#).

Thank you for your support!

Generally Available (GA) Releases

MySQL Community Server 5.7.9

Select Platform:  
Mac OS X

Looking for previous GA versions?

Mac OS X 10.10 (x86, 64-bit), Compressed TAR Archive	5.7.9	301.3M	<a href="#">Download</a>
(mysql-5.7.9-osx10.10-x86_64.tar.gz) MD5: 13890874585e40f0ba35bd0875a76793   <a href="#">Signature</a>			
Mac OS X 10.10 (x86, 64-bit), Compressed TAR Archive Test Suite	5.7.9	22.7M	<a href="#">Download</a>
(mysql-test-5.7.9-osx10.10-x86_64.tar.gz) MD5: 09c25ab0931310707be0a99f3d0e4e85d			
Mac OS X 10.10 (x86, 64-bit), DMG Archive	5.7.9	322.9M	<a href="#">Download</a>
(mysql-5.7.9-osx10.10-x86_64.dmg) MD5: 814ae0755ab06d21e0951a1101840221   <a href="#">Signature</a>			
Mac OS X 10.9 (x86, 64-bit), TAR	5.7.9	526.0M	<a href="#">Download</a>
(mysql-5.7.9-osx10.9-x86_64.tar) MD5: 01ae23ae4a283dab017a59aeb0e910f			
Mac OS X 10.9 (x86, 64-bit), Compressed TAR Archive	5.7.9	303.0M	<a href="#">Download</a>
(mysql-5.7.9-osx10.9-x86_64.tar.gz) MD5: 5ee77e08394dc53a7376e0d88833c6d95   <a href="#">Signature</a>			
Mac OS X 10.9 (x86, 64-bit), Compressed TAR Archive Test Suite	5.7.9	23.0M	<a href="#">Download</a>
(mysql-test-5.7.9-osx10.9-x86_64.tar.gz) MD5: ea13b04eae59e75ab5938555647240f			
Mac OS X 10.9 (x86, 64-bit), DMG Archive	5.7.9	322.9M	<a href="#">Download</a>
(mysql-5.7.9-osx10.9-x86_64.dmg) MD5: 814e0d35ab06d21e0951a1101840221   <a href="#">Signature</a>			

We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

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Italy: +39 02 249 59 126  
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DOCUMENTATION

MySQL Reference Manuals  
MySQL Workbench  
Expert Guides  
Topic Guides  
MySQL Cluster

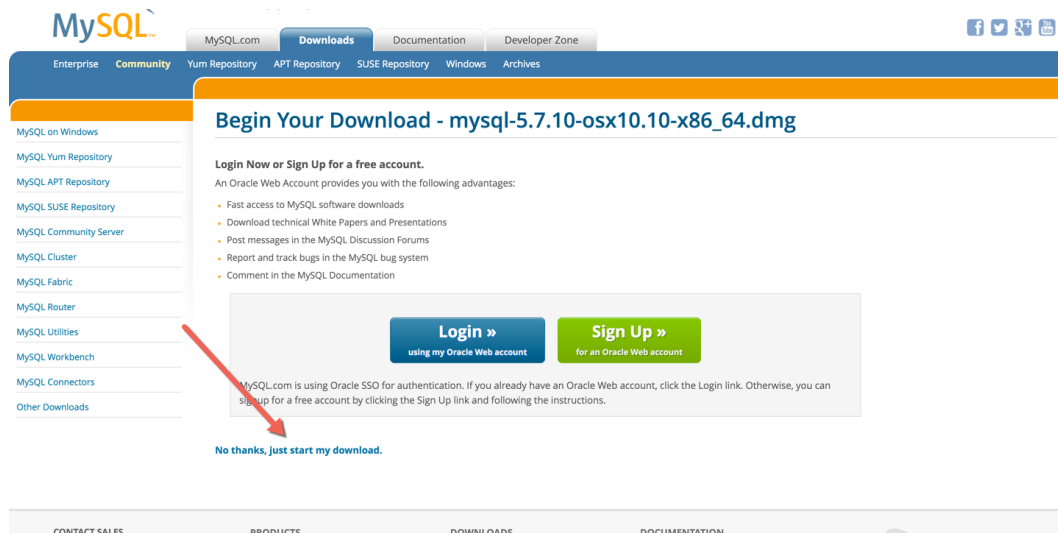
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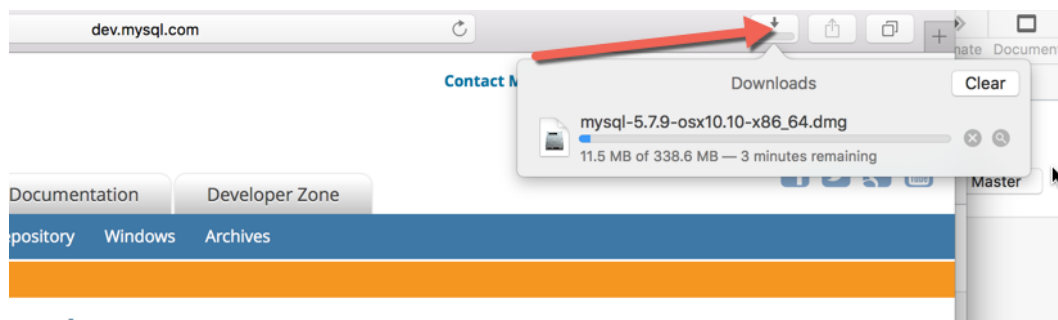


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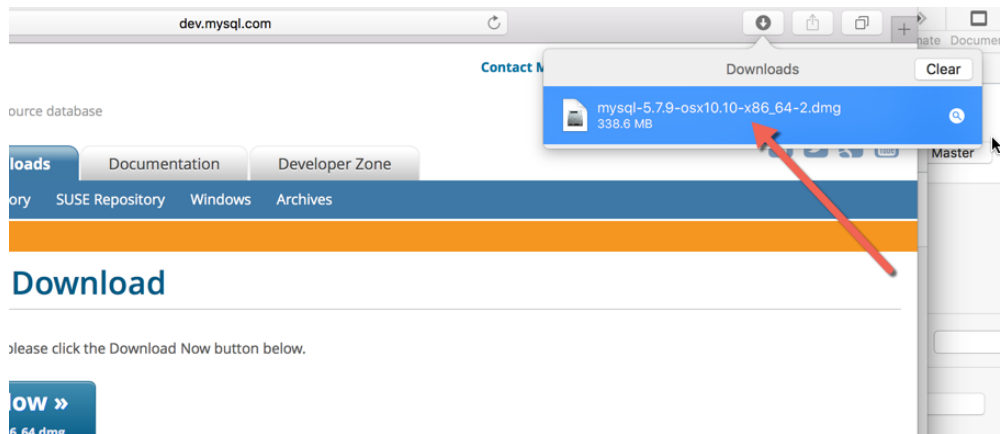
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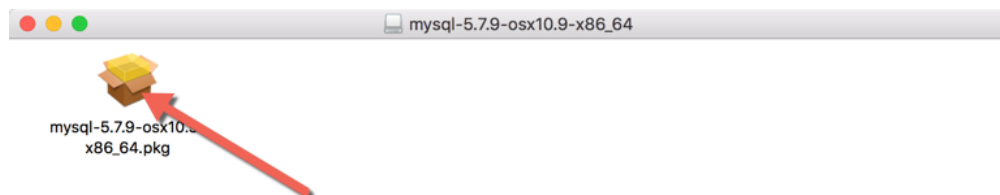
If you are using the Mac's default Safari browser, your download will appear in the top-right of the browser window. You can click the button with the down-arrow to watch the progress of the download



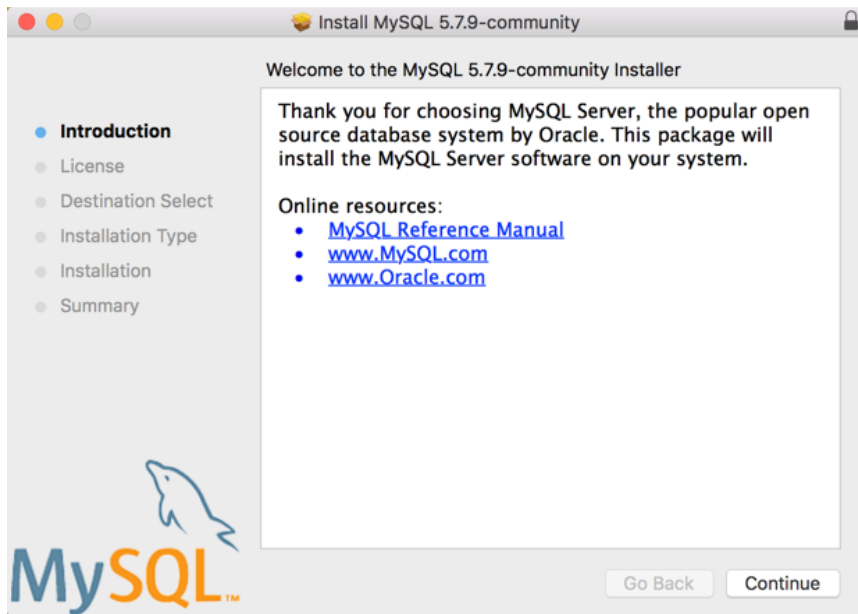
If you are using a different browser, this will look somewhat different, but the rest of the process is the same. The MySQL download is 338MB, so it will take a few minutes to download. Once it has downloaded, double click the file name



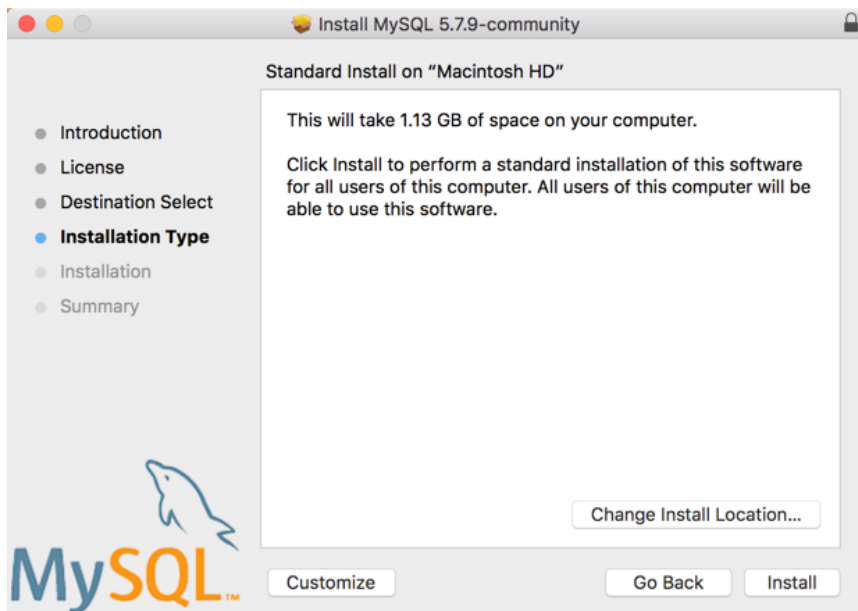
This will open the DMG file, it contains a .pkg file that installs MySQL. Double click it



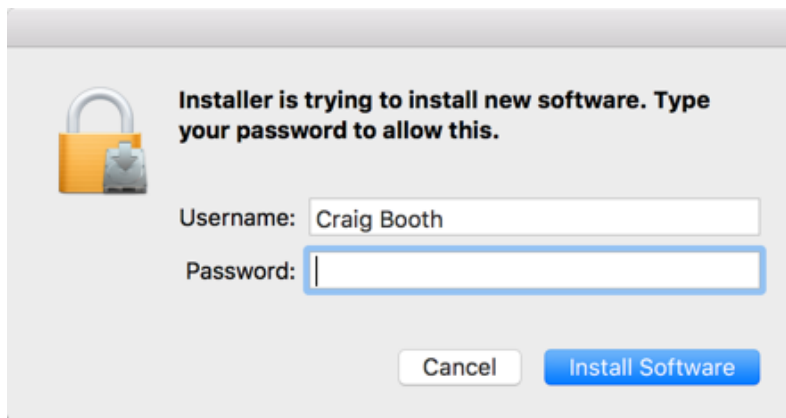
This will open the MySQL Server installer, click continue



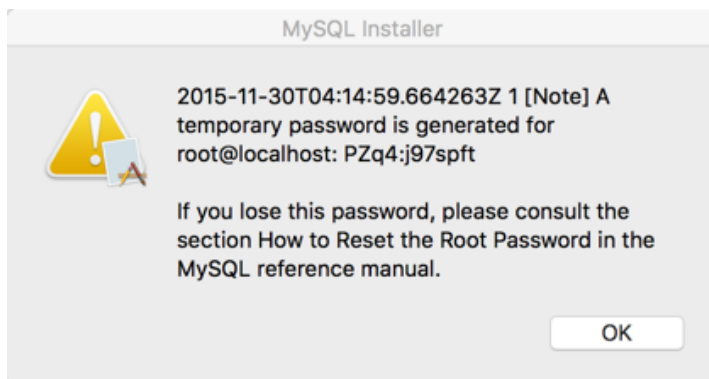
Click continue again, and agree to the software license. On the next screen, a 'standard' installation is fine, so click "Install".



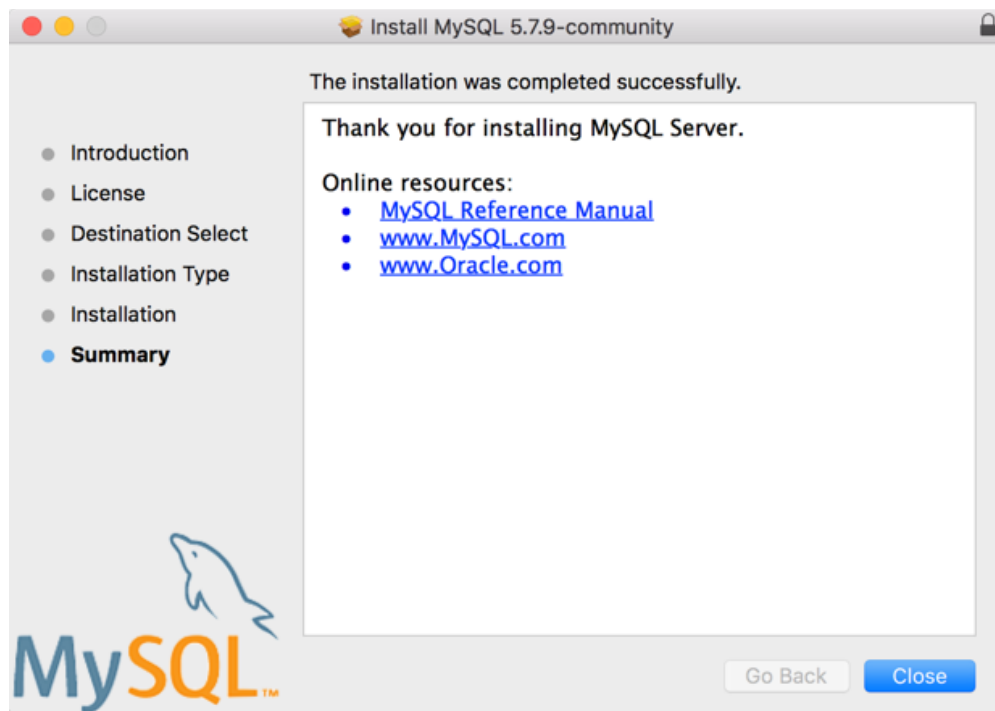
The Installer will ask for your password, input it



**The installer may give you a root password.** Keep this somewhere safe, it could be useful. If you forget it, you can reset it by following the instructions here: <http://dev.mysql.com/doc/refman/5.7/en/resetting-permissions.html>



If everything went well, you will see this screen.



Congratulations, MySQL server is installed!

# INSTALLING MYSQL WORKBENCH

Navigate your browser to the MySQL Workbench download page at

<https://dev.mysql.com/downloads/workbench/>

The screenshot shows the MySQL Workbench download page. The page has a blue header with the MySQL logo and navigation tabs: MySQL.com, Downloads, Documentation, and Developer Zone. Below the header is a sidebar with links to various MySQL products: MySQL on Windows, MySQL Yum Repository, MySQL APT Repository, MySQL SUSE Repository, MySQL Community Server, MySQL Cluster, MySQL Fabric, MySQL Router, MySQL Utilities, MySQL Workbench (highlighted), MySQL Proxy, MySQL Connectors, and Other Downloads. The main content area is titled 'Download MySQL Workbench' and includes a list of prerequisites, a download table for Mac OS X, and a footer with contact information.

**Download MySQL Workbench**

MySQL Workbench provides DBAs and developers an integrated tools environment for:

- Database Design & Modeling
- SQL Development
- Database Administration
- Database Migration

The Community (OSS) Edition is available from this page under the GPL.

Download source packages of LGPL libraries: [\*]

MySQL Workbench Prerequisites:

To be able to install and run MySQL Workbench your System needs to have libraries listed below installed. The listed items are provided as links to the corresponding download pages where you can fetch the necessary files.

- Microsoft .NET Framework 4 Client Profile
- Visual C++ Redistributable for Visual Studio 2013

To learn more about MySQL Workbench:

- MySQL Workbench Installation Instructions, Documentation and Change History
- Forums and Blogs

Looking for the legacy MySQL GUI Tools Bundle (Administrator, Query Browser, Migration Toolkit)?

- Read the EOL Announcement for the MySQL GUI Tools Bundle
- Download Archives for the (EOL) MySQL GUI Tools Bundle

Please report any bugs or inconsistencies you observe to our [Bugs Database](#).

Thank you for your support!

**Generally Available (GA) Releases**

**MySQL Workbench 6.3.5**

Select Platform:

Mac OS X

Mac OS X (x86, 64-bit), DMG Archive

6.3.5

66.8M

Download

(mysql-workbench-community-6.3.5-osx-x86\_64.dmg)

MD5: b0ee3a6933974319048d499e7a080d0d | Signature

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MySQL Workbench  
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Topic Guides  
MySQL Cluster

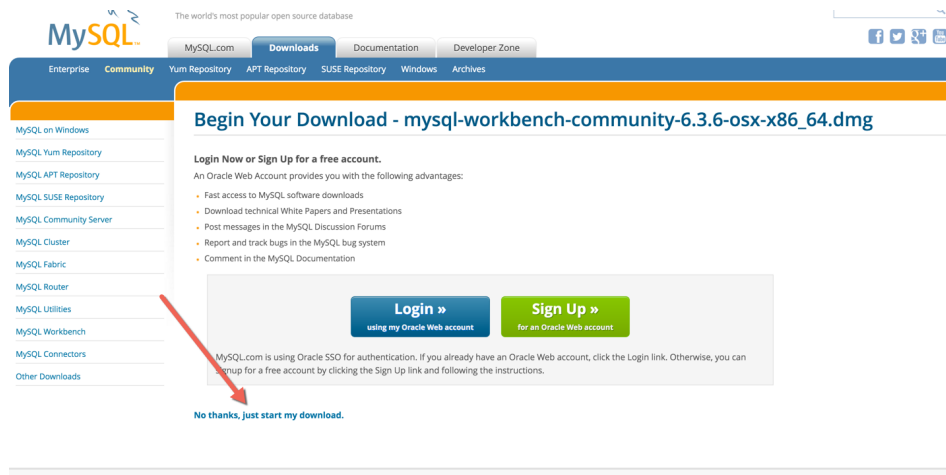
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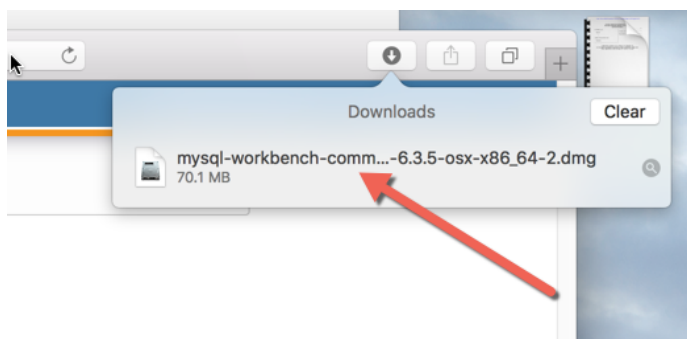
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Select your operating system (Mac OSX) from the dropdown, and click “Download”.





Again, skip the login step by clicking “No thanks, just start my download”. This will begin the download of Workbench, which will appear to the top left of your browser.



Again, the image above shows the file download location in Safari, if you’re using a different browser it may appear in a different place.

Once the file is downloaded, double click it

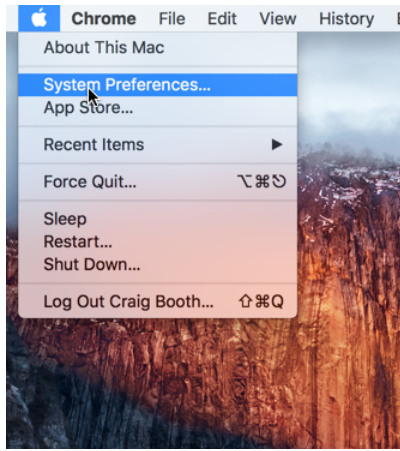


Drag the MySQLWorkbench icon into your Application folder. Congratulations, you have installed MySQL Workbench!

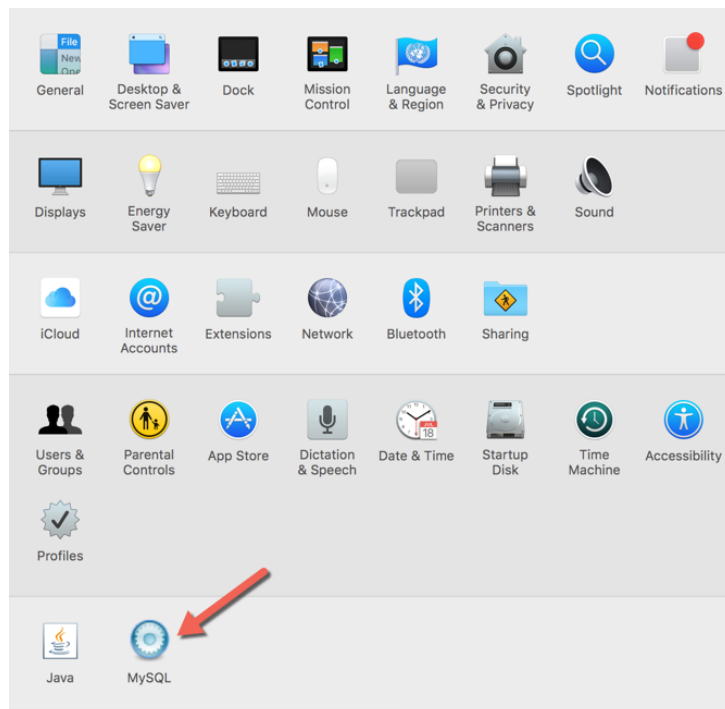
# TESTING THAT YOUR INSTALLATION WORKED

## MySQL Server

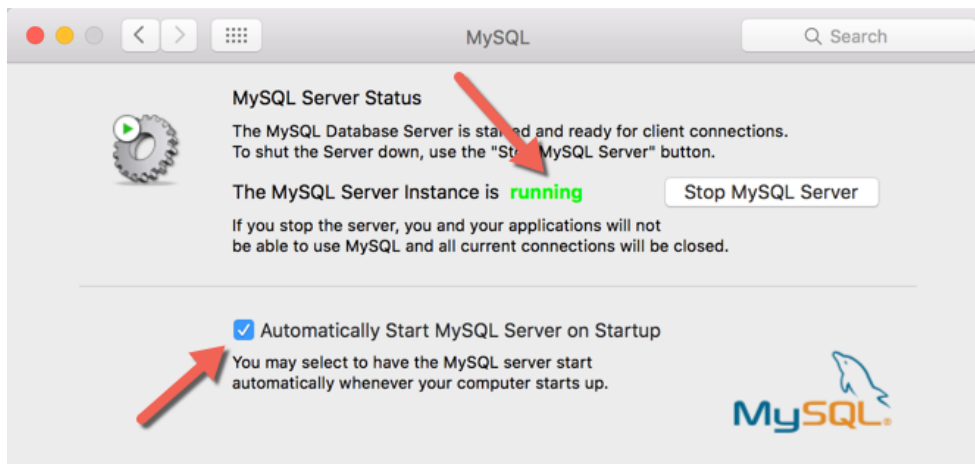
In order to check that MySQL Server is running, you need to look at the MySQL section of your system settings. Click the Apple icon in the top-left corner of your screen, and select “System Preferences”



From the System Preferences pane, select MySQL



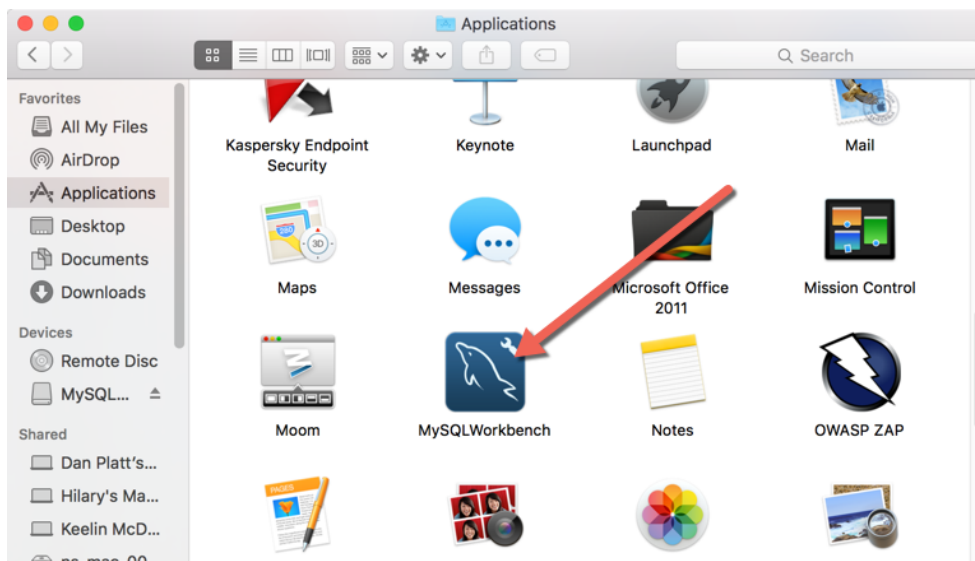
And you'll see the following window



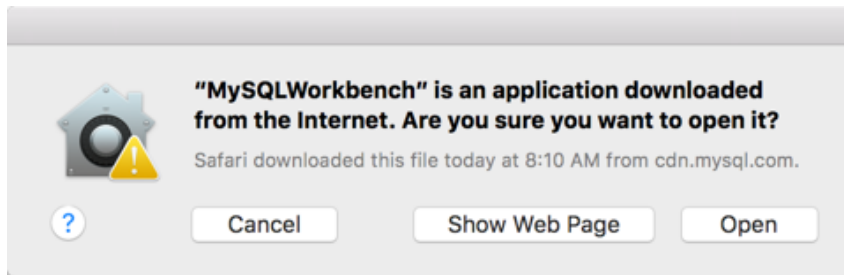
The window should tell you that the server is running. If it is not, then click “Start MySQL Server” to the right of the pane. Additionally, we want to automatically start the MySQL server when you boot your computer, so ensure that “Automatically Start MySQL Server on Startup” is checked.

## MySQL Workbench

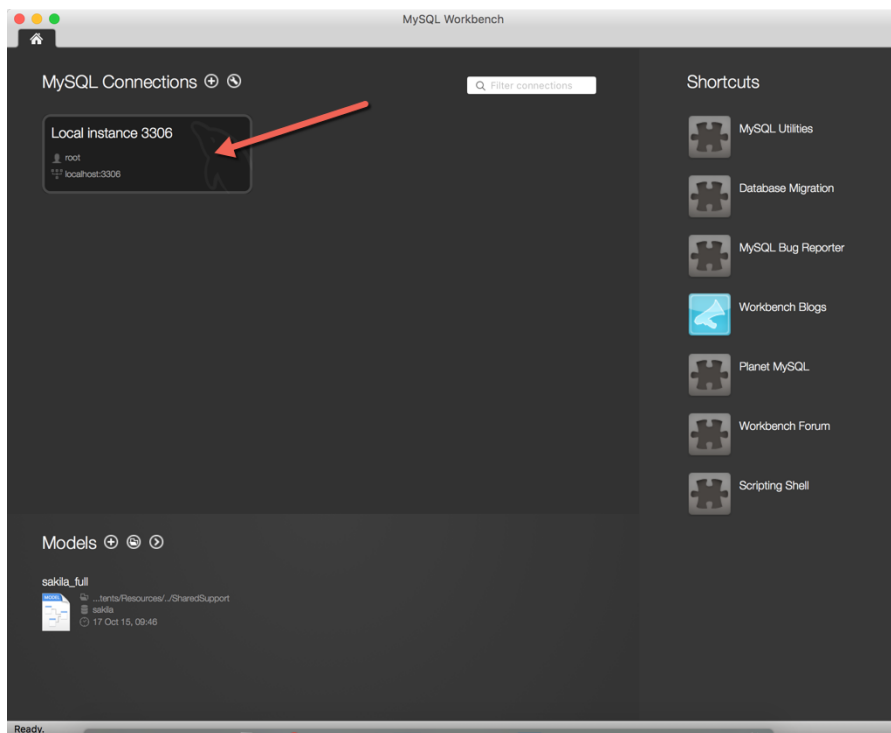
To open MySQL Workbench, navigate to your applications folder and double click MySQL Workbench



If this is the first time you have run MySQL Workbench, you'll have to verify that you intend to run a downloaded application, click “Open”

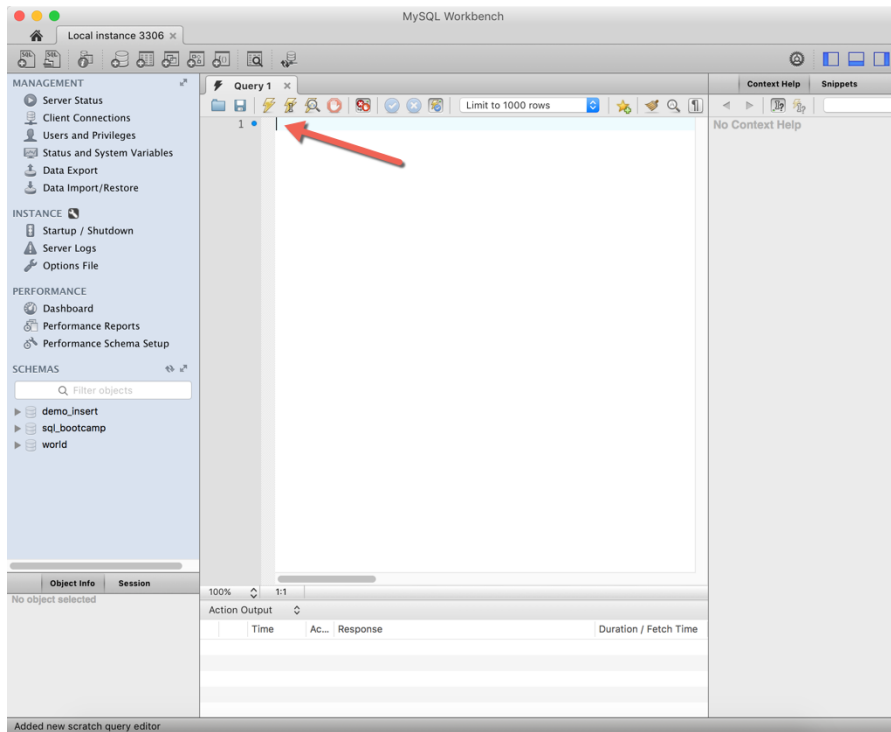


And then you should be greeted with the following window

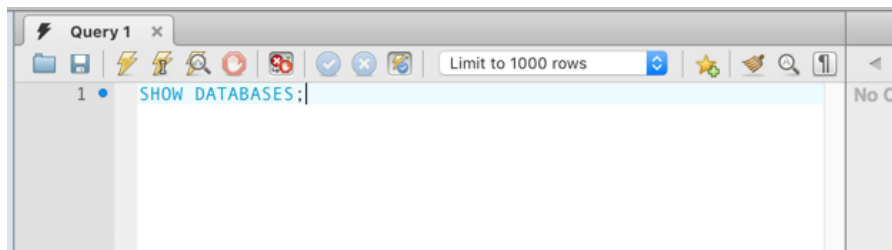


There should be a dark box to the top right of the window. This represents Workbench's connection to your MySQL Server. If there is no box here, ensure that MySQL Server is running.

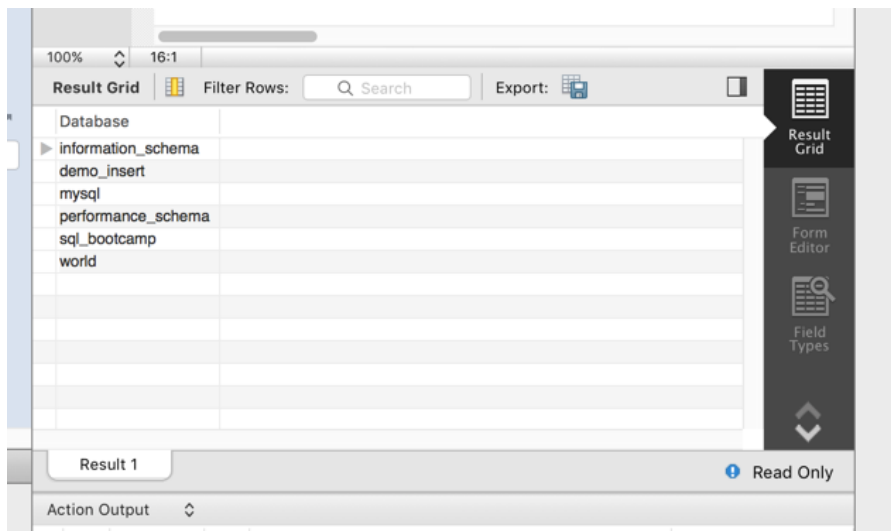
Double click the dark box and you'll be taken to the SQL query editor



You can verify that everything is working by typing “SHOW DATABASES;” into the main window



And clicking the thunderbolt icon above that window. This should return some results that look like this:



Note that your list of databases will look different to mine, but as long as some things appear in the results window, everything is up and running!