

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.**

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.

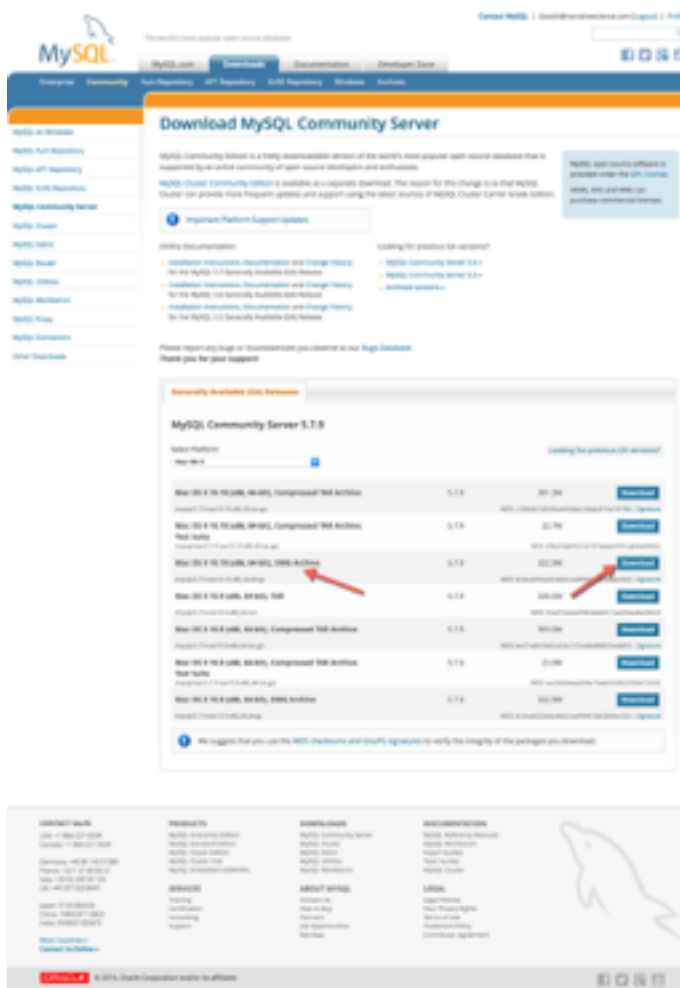
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INSTALLING MYSQL SERVER

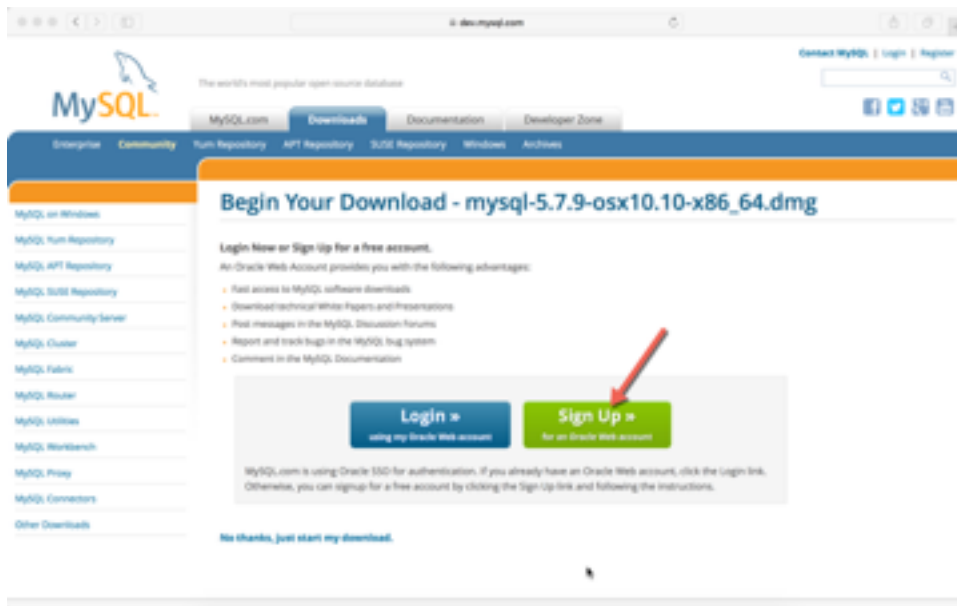
Go to the MySQL downloads page, found here:

<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

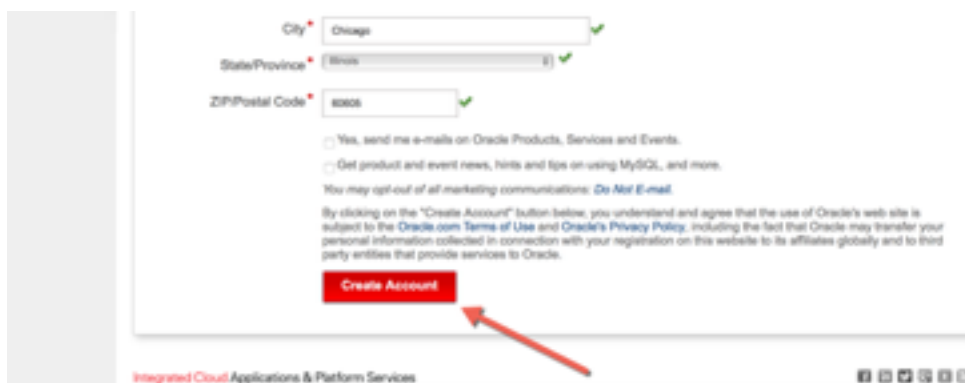


You need to be logged in to download MySQL. If you are not logged in you will be sent to this



screen. If you already have an account and are logged in, you can skip directly to the text “If you are using the Mac’s default Safari browser...” in this document. Else, continue here

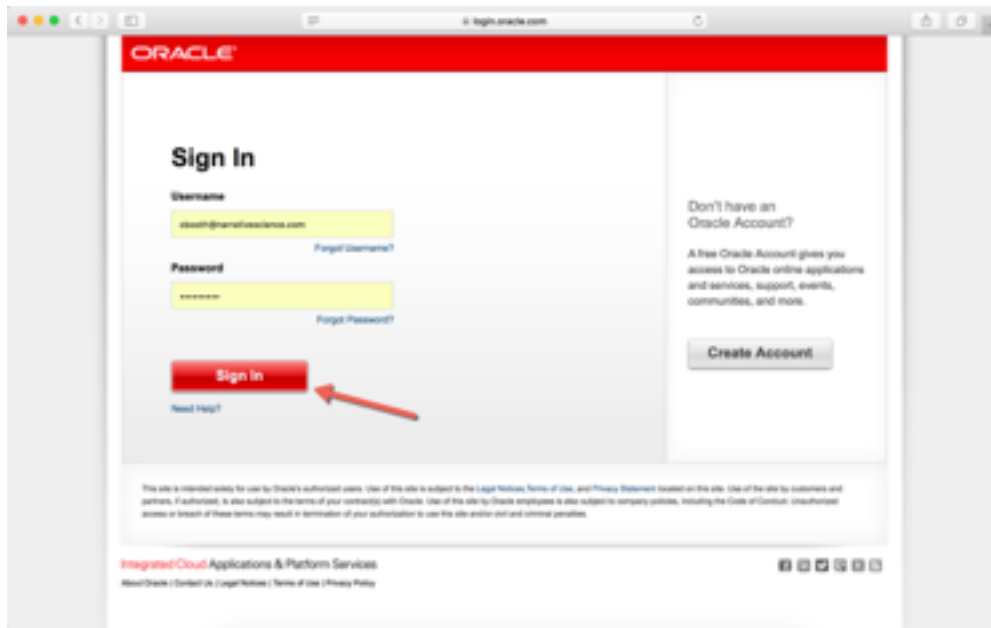
Unless you already have an account on MySQL.com, you will be prompted to sign up. Click the Sign Up button, fill in your personal information on the following page and click “Create Account”



Click Continue on the following page

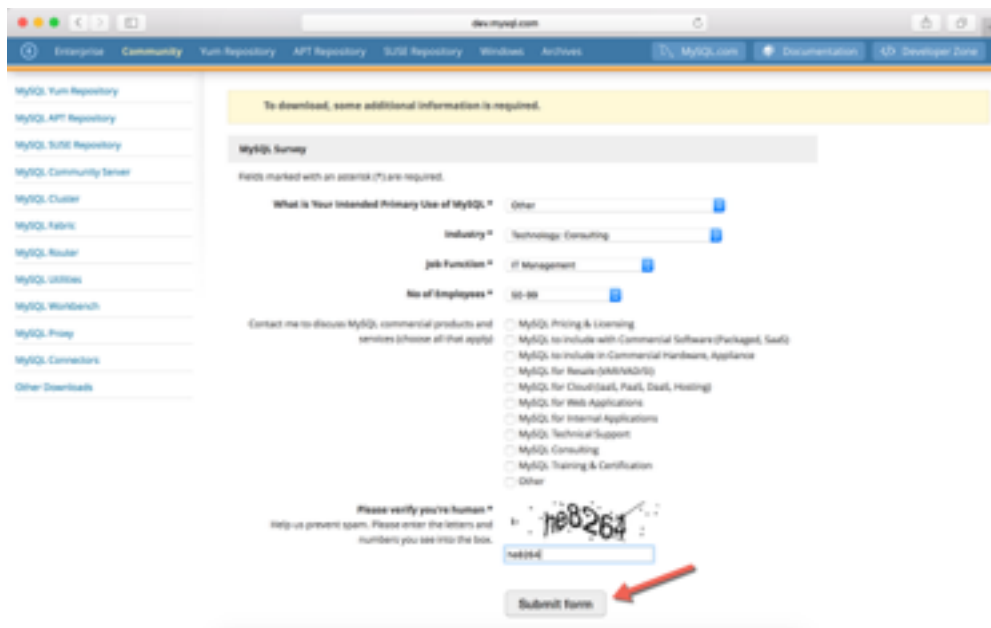


And then input your username and password and click sign in on the following page



The image shows the Oracle Sign In page. At the top, there is a red header with the Oracle logo. Below the header, the page is divided into two main sections. The left section is titled "Sign In" and contains two input fields: "Username" with the value "skosh@marafusion.com" and "Password" with masked characters. There are links for "Forgot Username?" and "Forgot Password?" next to their respective fields. A red "Sign In" button is at the bottom of this section, with a red arrow pointing to it. Below the button is a link for "Need Help?". The right section is titled "Don't have an Oracle Account?" and contains a paragraph about the benefits of a free Oracle Account and a "Create Account" button. At the bottom of the page, there is a footer with the text "Integrated Cloud Applications & Platform Services" and a link for "About Oracle | Contact Us | Legal Notices | Terms of Use | Privacy Policy".

Once you have signed in, you will be redirected to the download page, which will ask you for some more information. Provide it and click Submit Form

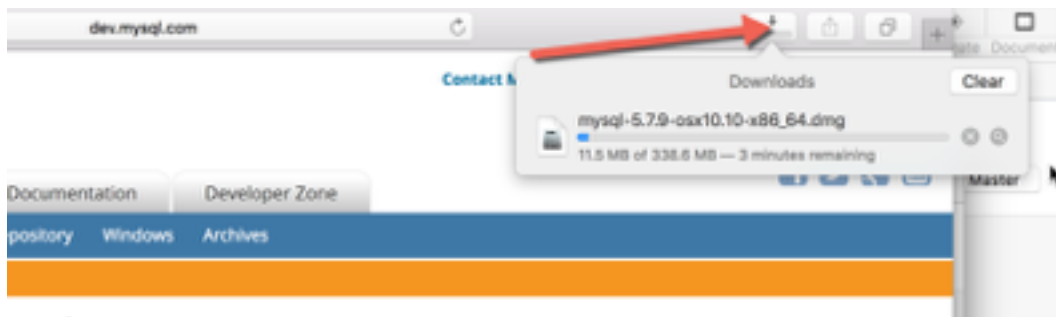


The image shows the MySQL Survey form. At the top, there is a navigation bar with links for "Enterprise", "Community", "Yum Repository", "APT Repository", "SUSE Repository", "Windows", and "Archives". Below the navigation bar, there is a sidebar with links for various MySQL products and services. The main content area is titled "To download, some additional information is required." and contains a "MySQL Survey" form. The form has several sections: "What is Your Intended Primary Use of MySQL?", "Industry", "Job Function", "No. of Employees", "Contact me to discuss MySQL commercial products and services (Please select all that apply)", and "Please verify you're human". The "What is Your Intended Primary Use of MySQL?" section has a dropdown menu with "Other" selected. The "Industry" section has a dropdown menu with "Technology Consulting" selected. The "Job Function" section has a dropdown menu with "IT Management" selected. The "No. of Employees" section has a dropdown menu with "50-99" selected. The "Contact me to discuss MySQL commercial products and services" section has a list of checkboxes for various MySQL products and services. The "Please verify you're human" section has a CAPTCHA image with the text "ne8264" and a text input field with the value "ne8264". A red arrow points to the "Submit Form" button at the bottom of the form.

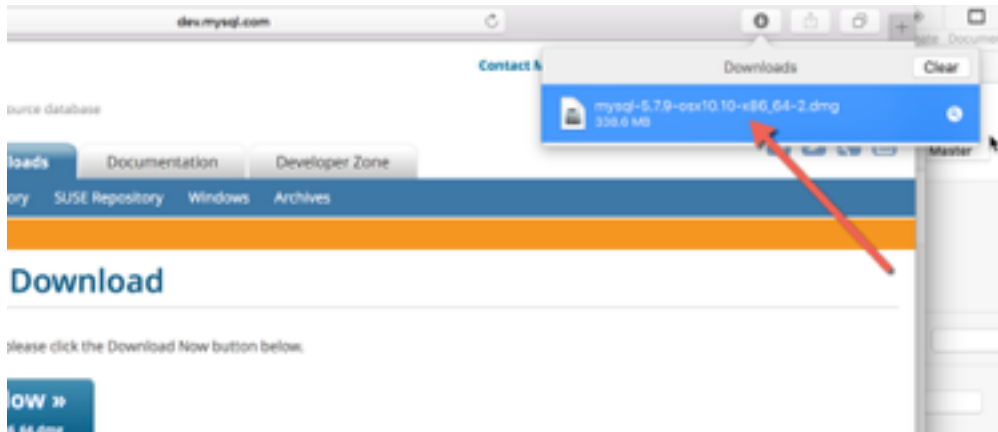
Then, finally, you will be redirected to a page where you can download MySQL server. Click the Download Now button



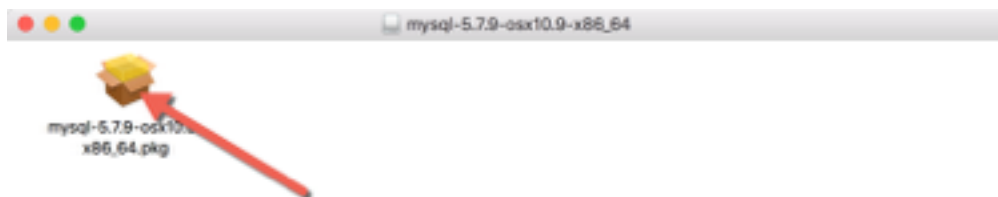
If you are using the Mac's default Safari browser, your download will appear in the top-right of the browser window. You can click the button with the down-arrow to watch the progress of the download



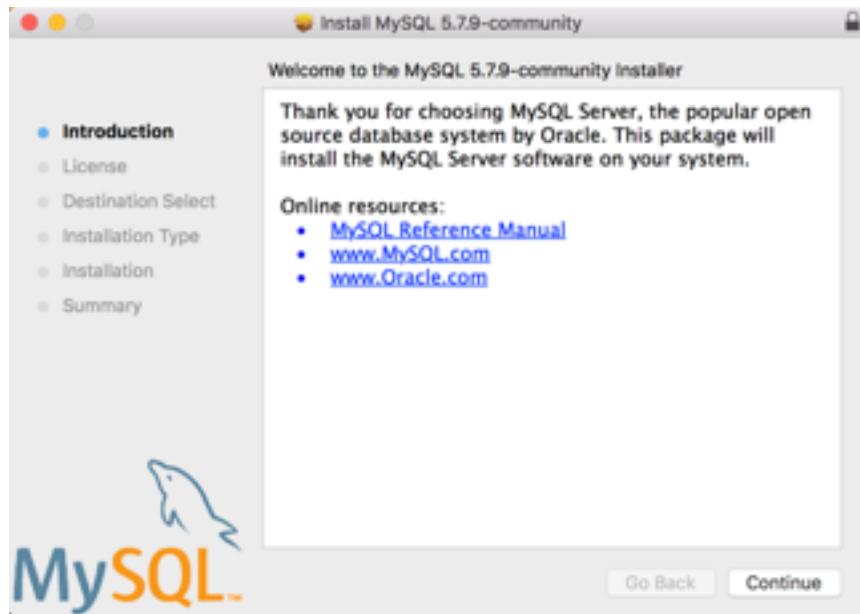
If you are using a different browser, this will look somewhat different, but the rest of the process is the same. The MySQL download is 338MB, so it will take a few minutes to download. Once it has downloaded, double click the file name



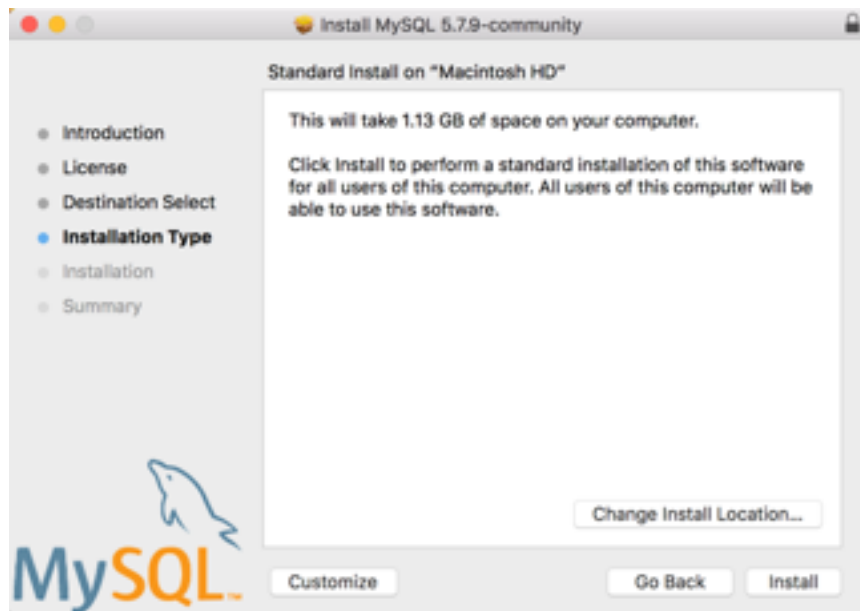
This will open the DMG file, it contains a .pkg file that installs MySQL. Double click it



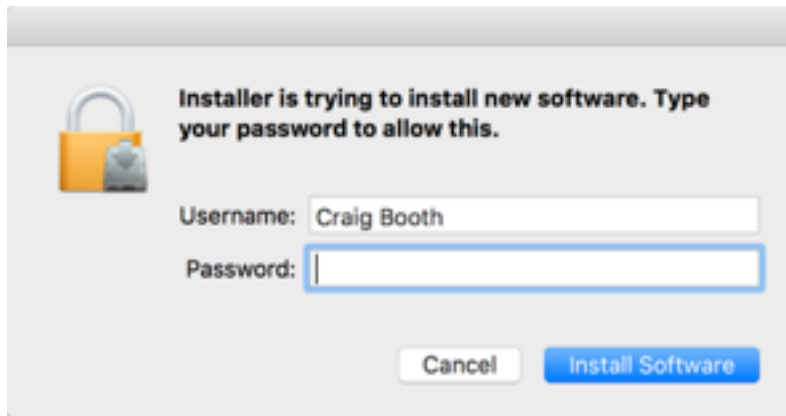
This will open the MySQL Server installer, click continue



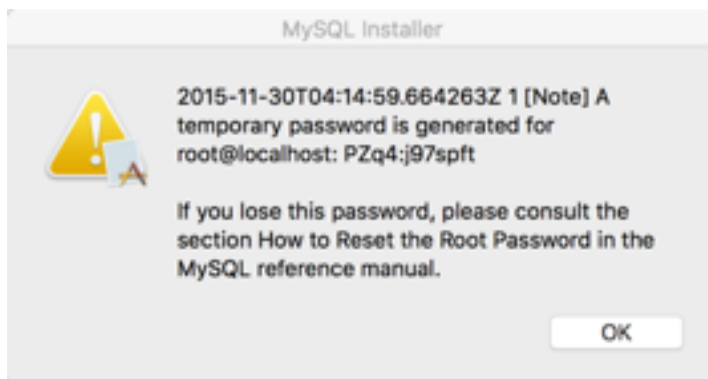
Click continue again, and agree to the software license. On the next screen, a 'standard' installation is fine, so click "Install".



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

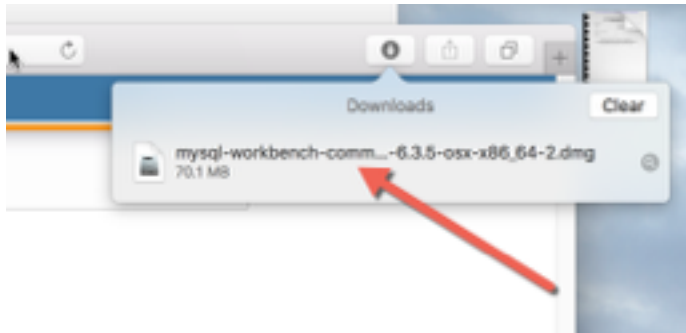
Navigate your browser to the MySQL Workbench download page at

<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 for Windows, MySQL Yum Repository, MySQL APT Repository, MySQL RPM Repository, MySQL Community Server, MySQL Cluster, MySQL Fabric, MySQL Router, MySQL Utilities, MySQL Workbench, MySQL Proxy, MySQL Connector, and Other Downloads. The main content area is titled 'Download MySQL Workbench' and includes a list of features: Database Design & Modeling, SQL Development, Database Administration, and Database Migration. It also mentions that the Community (GPL) edition is available from this page under the GPL and provides a link to download source packages of GPL binaries. A section titled 'MySQL Workbench Prerequisites' lists the requirements: Microsoft .NET Framework 4 Client Profile and Visual C++ Redistributable for Visual Studio 2013. Below this, there are links to learn more about MySQL Workbench, including installation instructions, documentation, and change history. A section titled 'Looking for the legacy MySQL-GUI Tools Bundle (Administration, Query Browser, Migration Toolkit?)' provides links to the EOL announcement and download archives. A note asks users to report any bugs or inconsistencies to the Bug Database. The 'Generally available (GA) Releases' section shows 'MySQL Workbench 6.3.5' with a dropdown menu for 'Select Platform' set to 'Mac OS X'. A red arrow points to the 'Download' button. Another red arrow points to the 'Clicking for previous GA versions?' link. The footer contains contact information, products, services, downloads, about MySQL, and legal information.

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

You should still be logged in from when you downloaded MySQL Server, so the file will immediately download



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

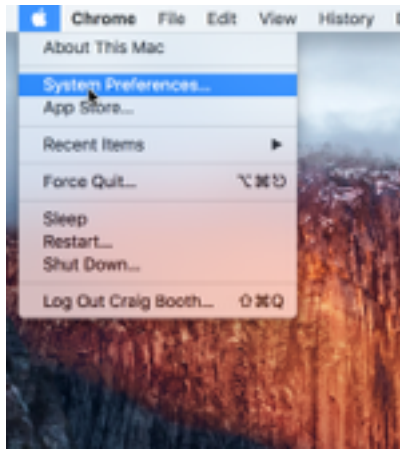


Drag the MySQLWorkbench icon into your Application folder. Congratulations, you have installed MySQL Workbench!

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



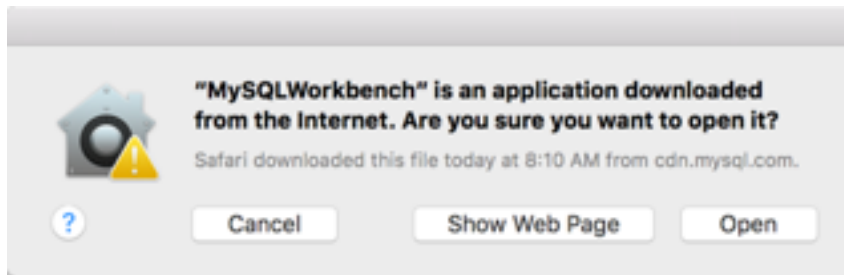
The window should tell you that the server is running. If it is not, then click “Start MySQL Server” to the right of the pane. Additionally, we want to automatically start the MySQL server when you boot your computer, so ensure that “Automatically Start MySQL Server on Startup” is checked.

MySQL Workbench

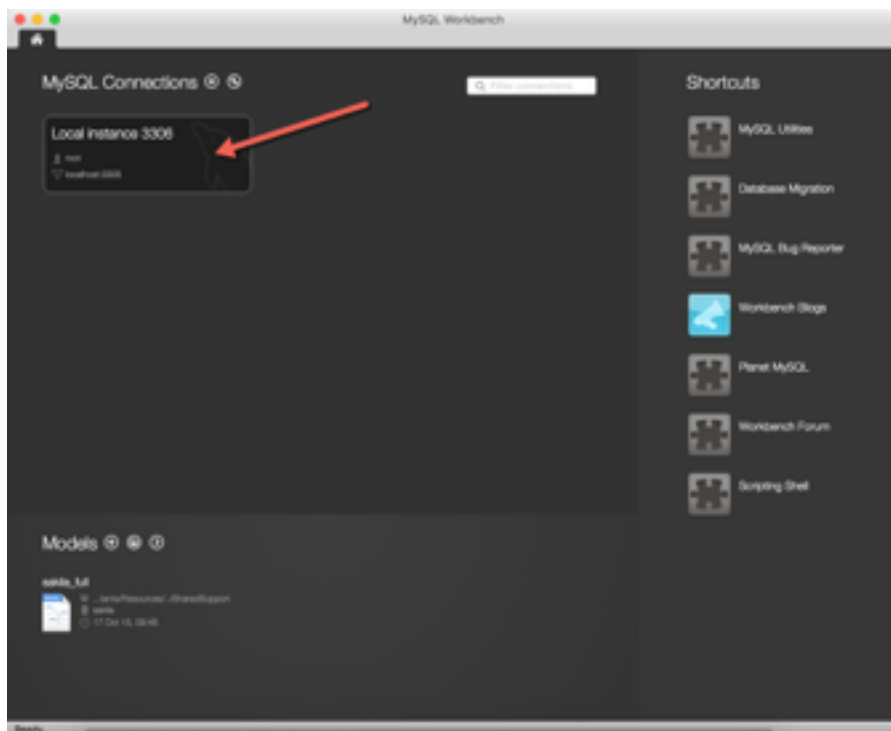
To open MySQL Workbench, navigate to your applications folder and double click MySQL Workbench



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”

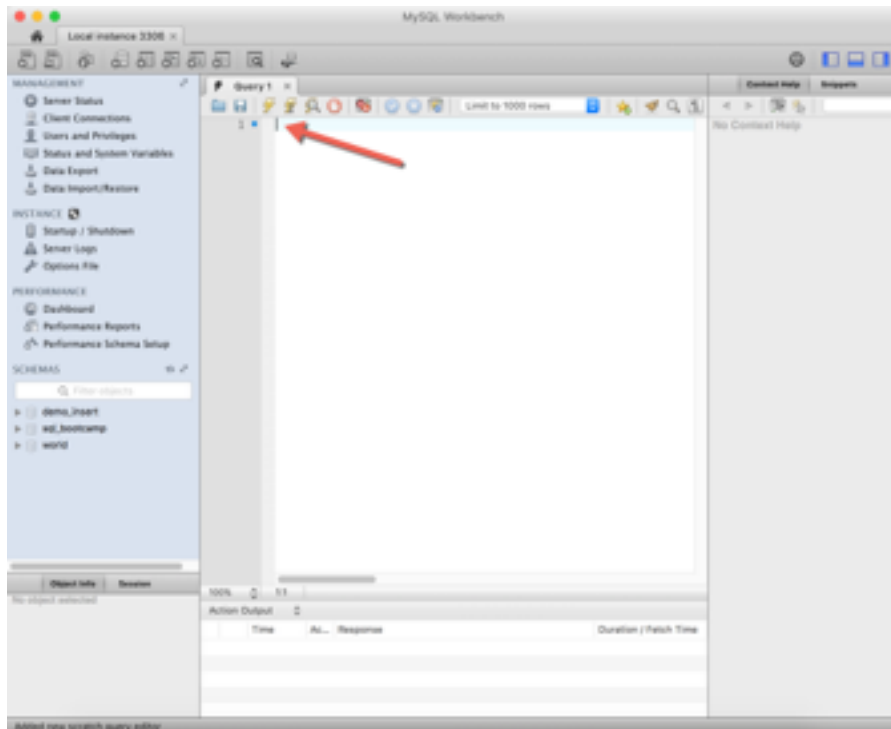


And then you should be greeted with the following window

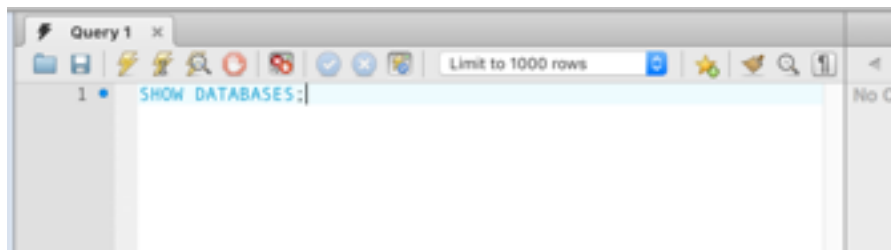


There should be a dark box to the top right of the window. This represents Workbench's connection to your MySQL Server. If there is no box here, ensure that MySQL Server is running.

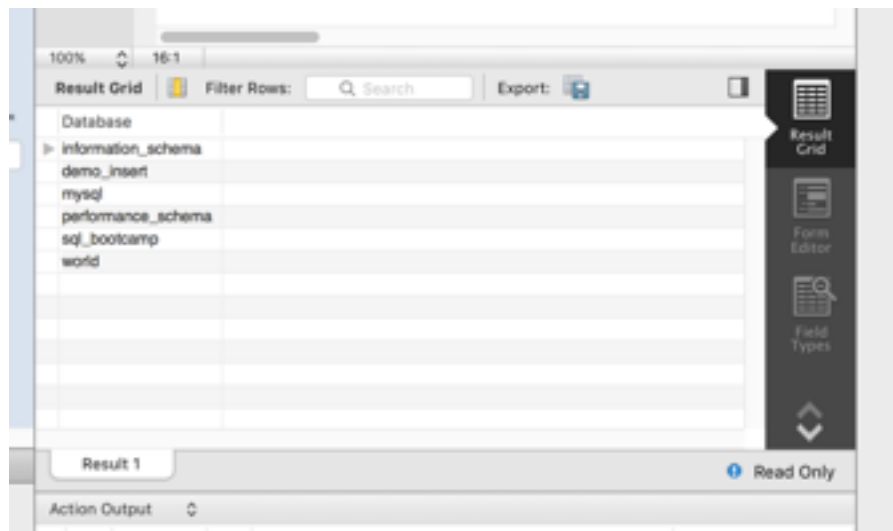
Double click the dark box and you'll be taken to the SQL query editor



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!