

RESETTING MYSQL ROOT PASSWORDS



This document contains instructions on how to reset MySQL root passwords on a Mac. Windows instructions to follow. The summary of the procedure is this:

1. Stop the MySQL server
2. Restart it in “safe mode”
3. Log in and change the root password
4. Stop the safe mode server
5. Restart the normal server

Instructions For The Mac

Kill the running MySQL server by selecting MySQL from system preferences, then clicking “stop”.

Open a terminal and start mysql in safe mode like this:

```
sudo /usr/local/mysql/bin/mysqld_safe --skip-grant-tables
```

This will ask you for your computer password. Enter it. This process keeps on running, so leave it be and open a new terminal to connect to the MySQL shell

```
mysql -u root
```

What you're going to do next is change the password in the user table. The following will make more sense after completing the SQL bootcamp:

```
UPDATE mysql.user SET authentication_string=PASSWORD('password') WHERE User='root';
```

Hit enter, then type

```
FLUSH PRIVILEGES;
```

And hit enter again. Quit by typing \q and hitting enter. Now all we need to do is kill off the safe mode version of the MySQL server. I generally do this with


```
sudo killall mysqld_safe
```

Finally, restart the standard MySQL server, by going to System Preferences, MySQL, then clicking Start the server.

Instructions For Windows

These instructions to follow.

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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MySQL on Linux

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 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. ODBCs, iODBC and XDBC 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 <small>(mysql-5.7.9-osx10.10-x86_64.tar.gz)</small>	5.7.9	301.3M	Download
<small>MDS: 128956105d4ee4db0ba01dabed75e1791e Signature</small>			
Mac OS X 10.10 (x86_64-bit), Compressed TAR Archive Test Suite <small>(mysql-test-5.7.9-osx10.10-x86_64.tar.gz)</small>	5.7.9	22.7M	Download
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i We suggest that you use the MDS checksums and GnuPG signatures to verify the integrity of the packages you download.

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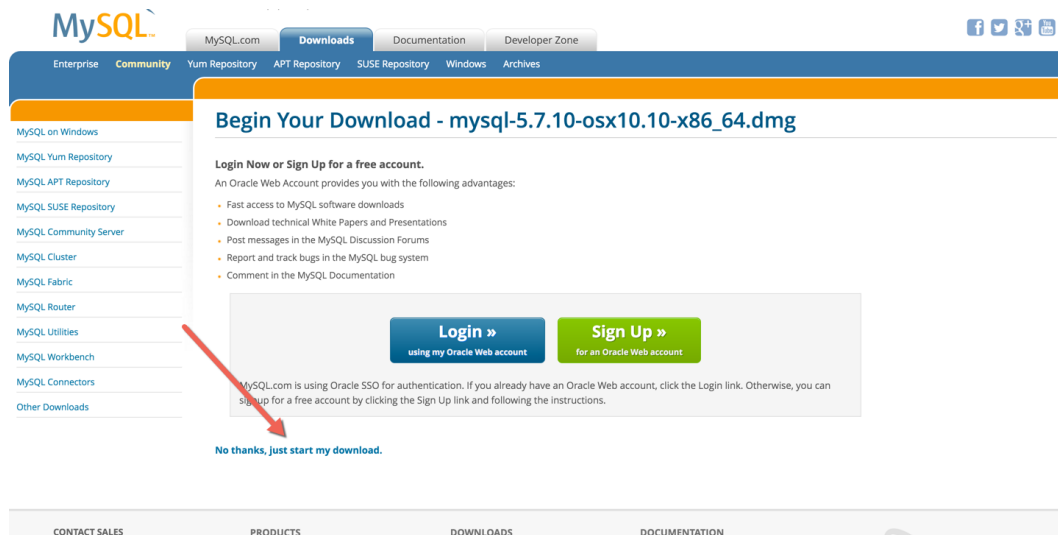
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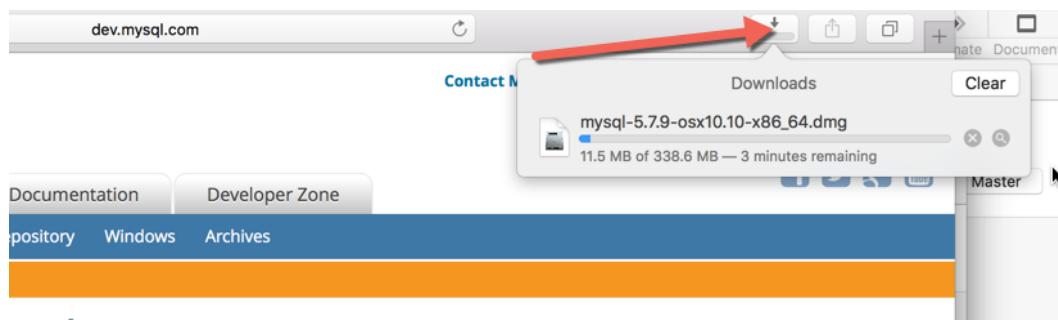
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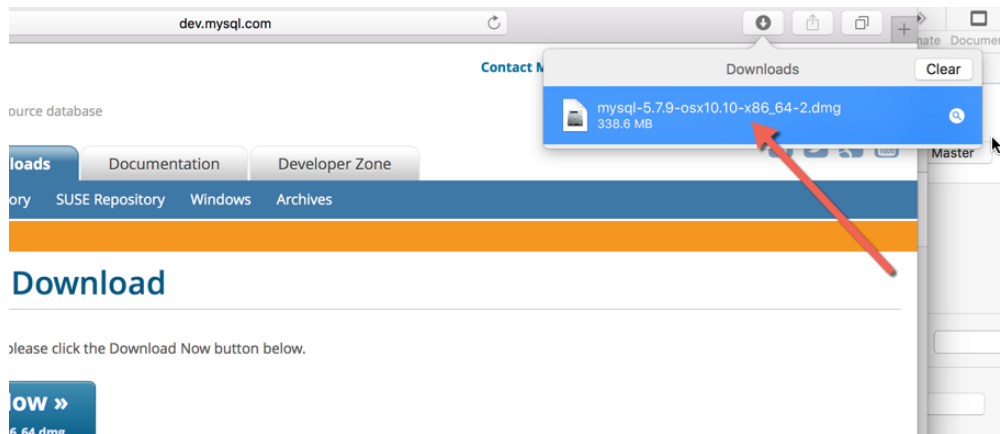




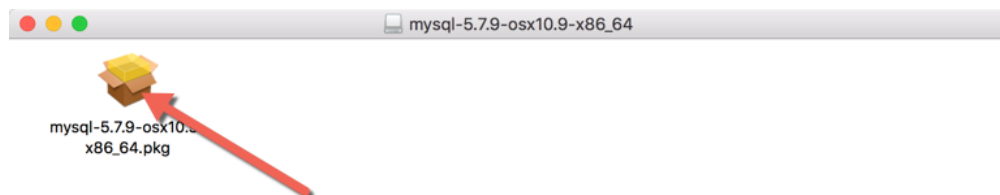
If you are using the Mac's default Safari browser, your download will appear in the top-right of the browser window. You can click the button with the down-arrow to watch the progress of the download



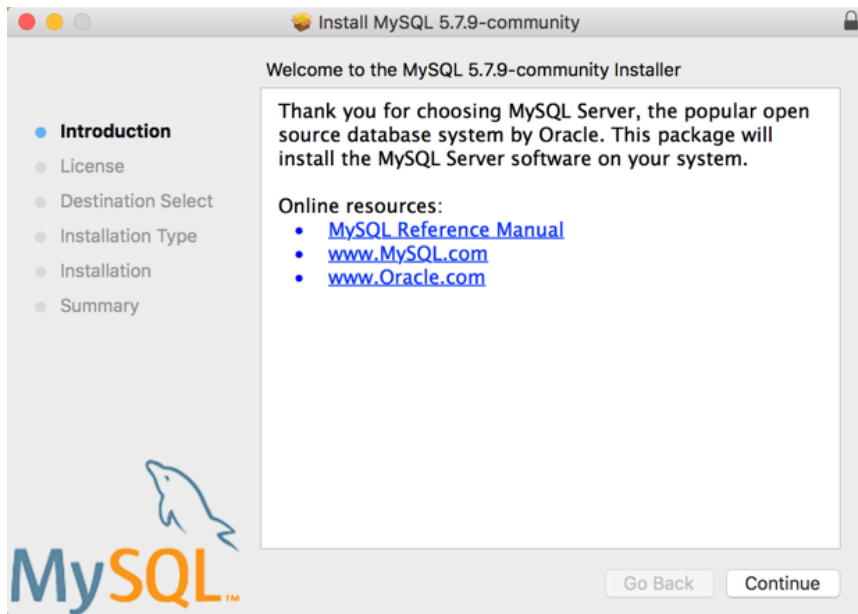
If you are using a different browser, this will look somewhat different, but the rest of the process is the same. The MySQL download is 338MB, so it will take a few minutes to download. Once it has downloaded, double click the file name



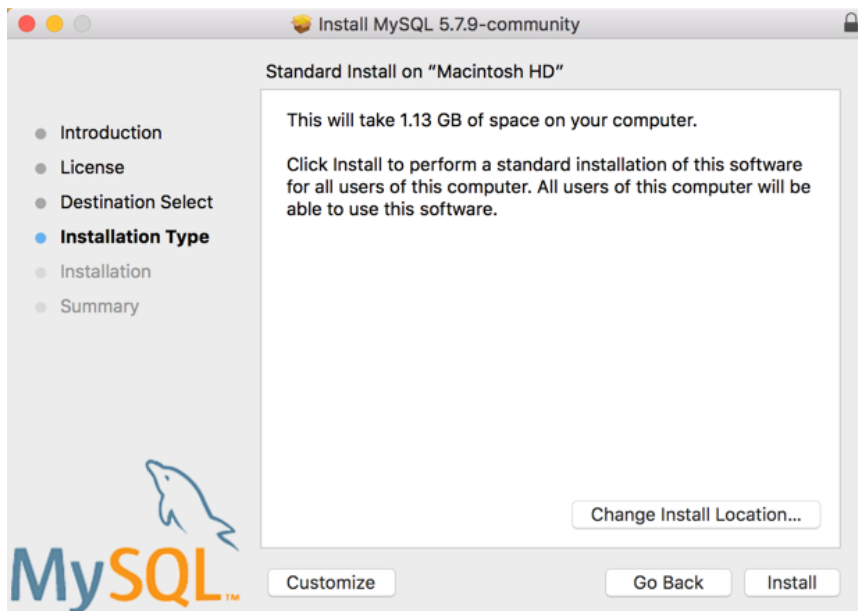
This will open the DMG file, it contains a .pkg file that installs MySQL. Double click it



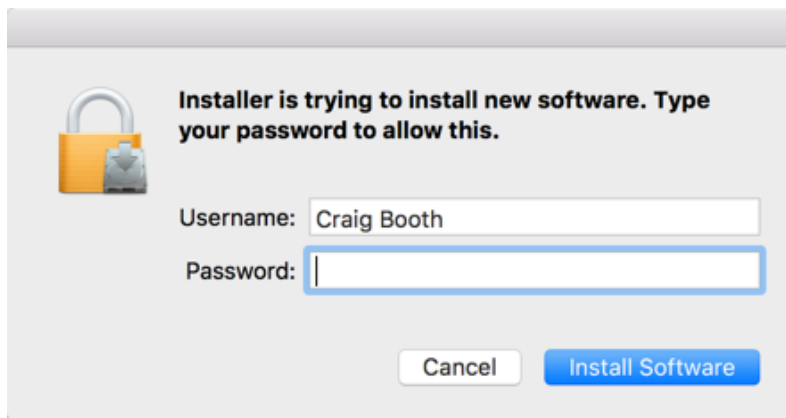
This will open the MySQL Server installer, click continue



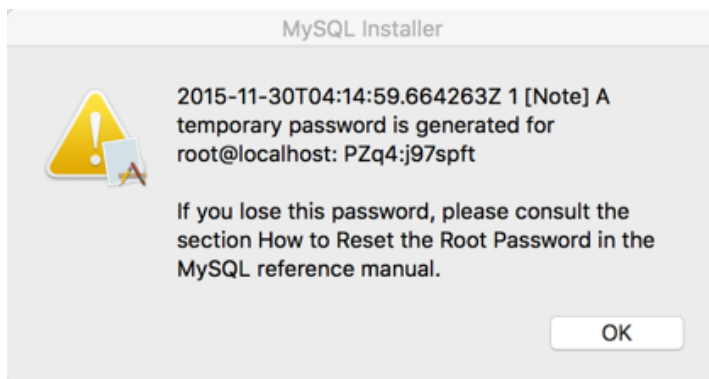
Click continue again, and agree to the software license. On the next screen, a 'standard' installation is fine, so click "Install".



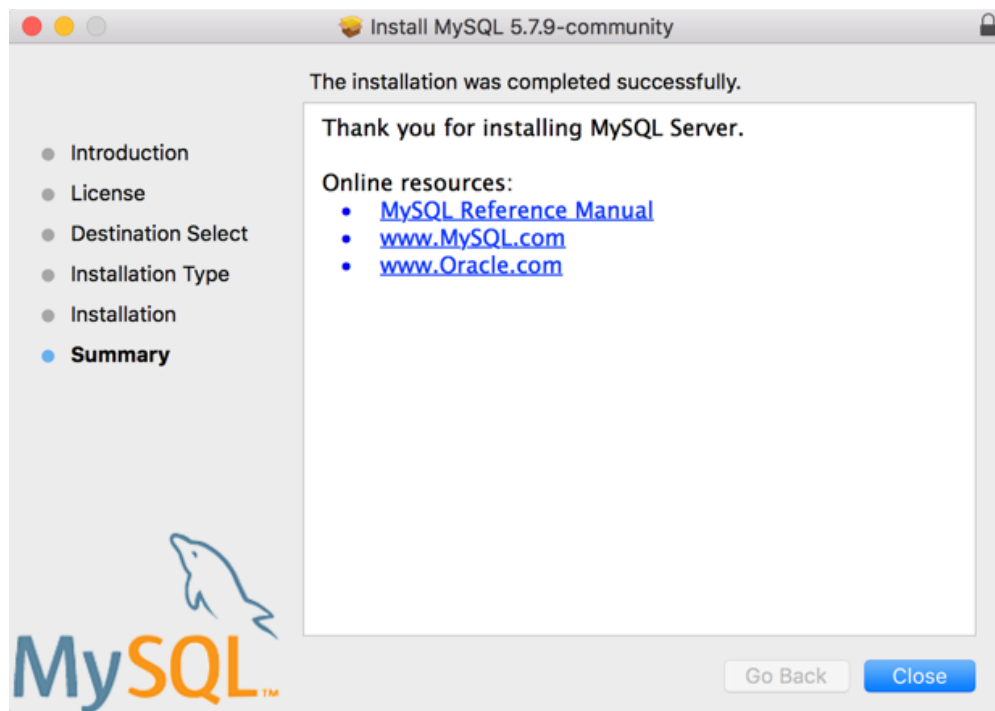
The Installer will ask for your password, input it



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

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(mysql-workbench-community-6.3.5-osx-x86_64.dmg)

MD5: b0ee3a6933974319048d499e7a080d0d | Signature

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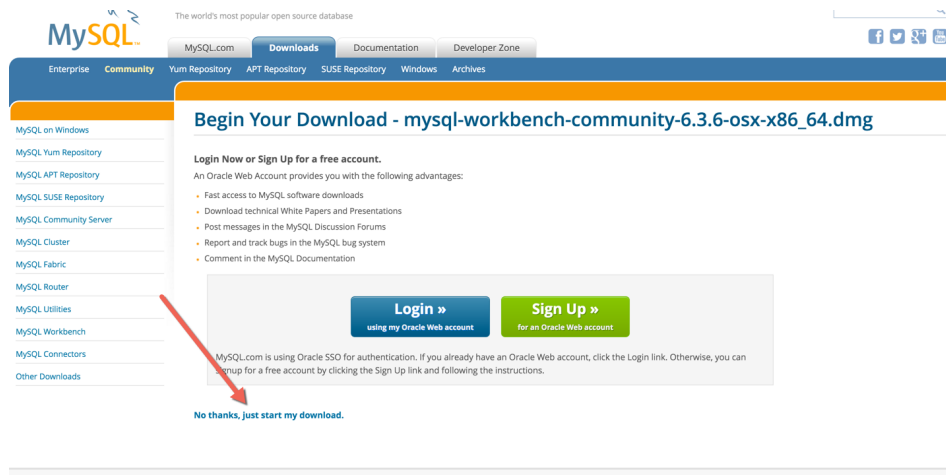
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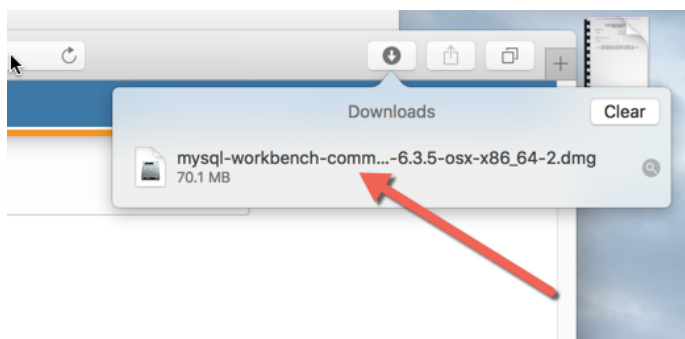
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Select your operating system (Mac OSX) from the dropdown, and click “Download”.



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

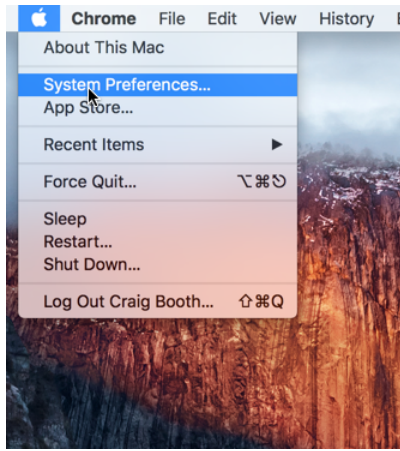


Drag the MySQLWorkbench icon into your Application folder. Congratulations, you have installed MySQL Workbench!

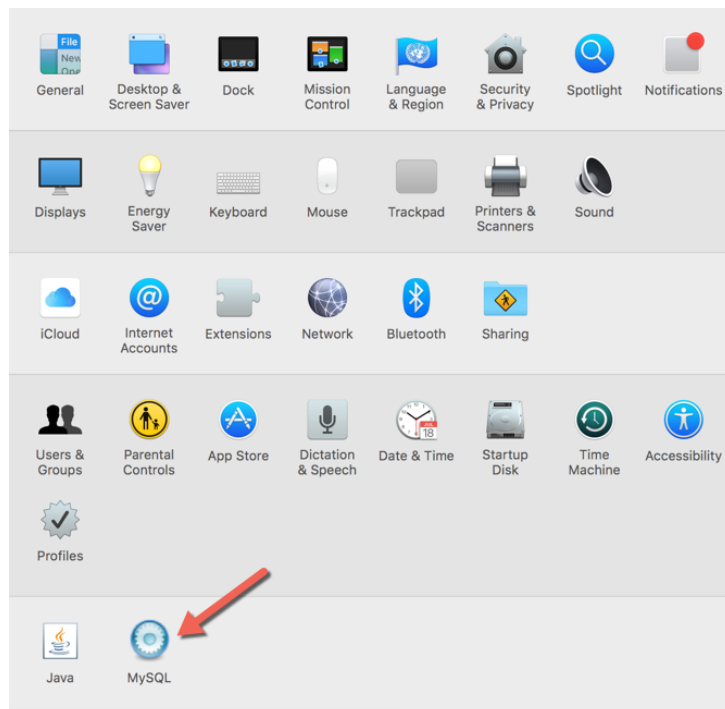
TESTING THAT YOUR INSTALLATION WORKED

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



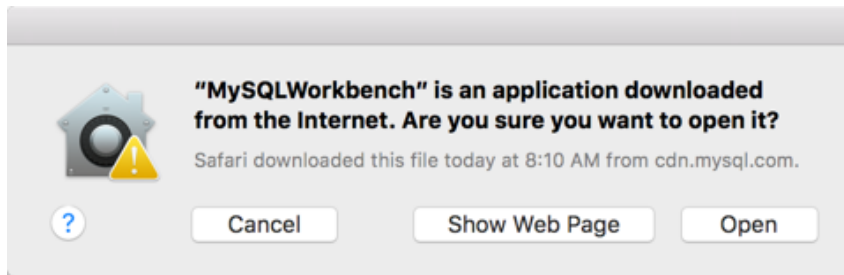
The window should tell you that the server is running. If it is not, then click “Start MySQL Server” to the right of the pane. Additionally, we want to automatically start the MySQL server when you boot your computer, so ensure that “Automatically Start MySQL Server on Startup” is checked.

MySQL Workbench

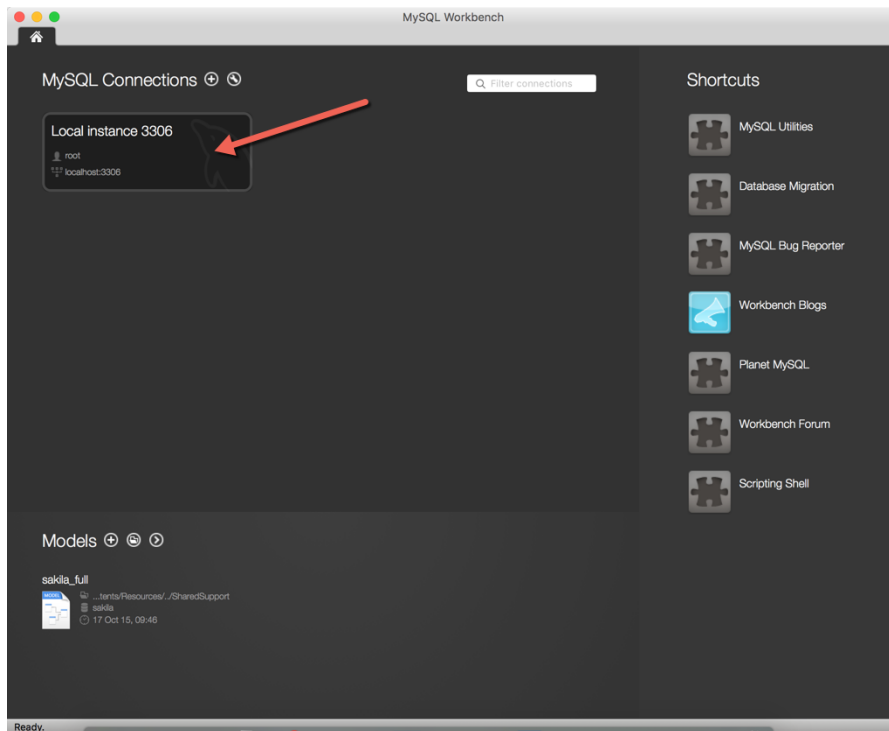
To open MySQL Workbench, navigate to your applications folder and double click MySQL Workbench



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”

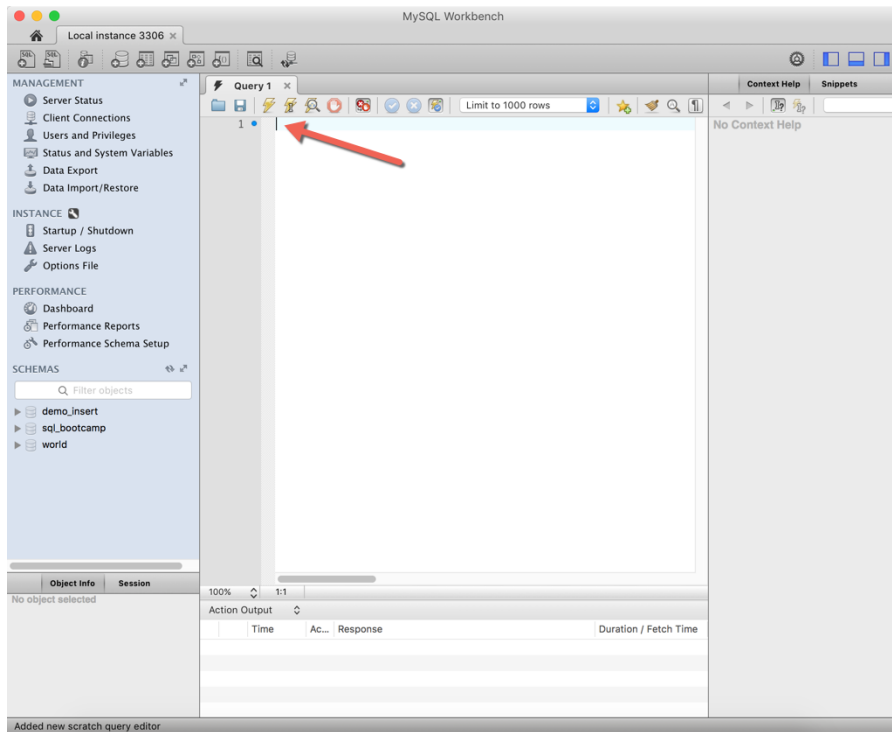


And then you should be greeted with the following window

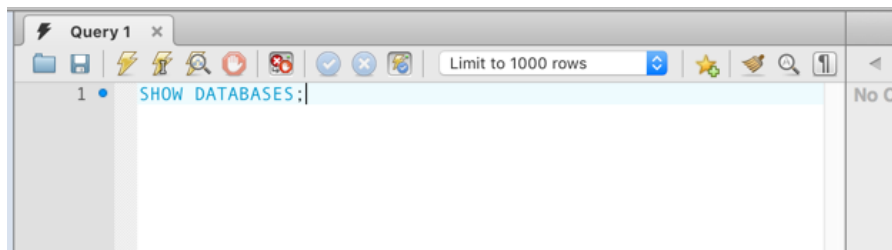


There should be a dark box to the top right of the window. This represents Workbench's connection to your MySQL Server. If there is no box here, ensure that MySQL Server is running.

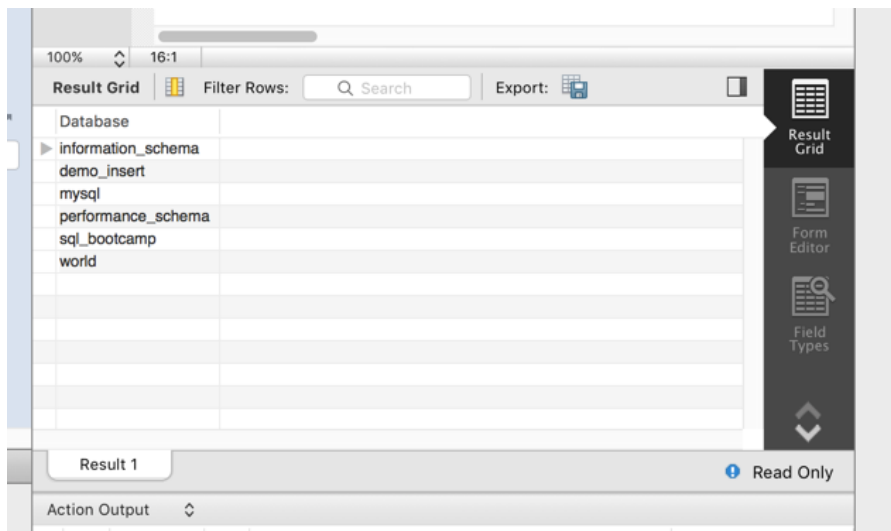
Double click the dark box and you'll be taken to the SQL query editor



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!