

MySQL and MySQL Workbench installation instructions: Windows

Note: You will need to install MySQL Community Server!

Installing MySQL

(Note: also <https://dev.mysql.com/doc/refman/8.0/en/windows-installation.html> for a complete guide to installation).

1. Make sure you have Administrator privileges on your system.
2. Go to <https://dev.mysql.com/downloads/windows/installer/8.0.html> to download the MySQL Community Server. You want the large file (324.3MB), which is a complete installation. Do not download any other version! You will want the MySQL Installer for Windows large .msi file (labeled as "**Windows (x86, 32-bit), MSI Installer**").
3. You will be required to set up an account with Oracle in order to download the file. Proceed with that, as prompted.
4. After the .msi file is downloaded, drag it to your desktop.
5. You need to make sure the .msi you downloaded hasn't been corrupted, so you need to perform a checksum. Here's how to do that:
 - a. Open a command window
 - b. At the prompt, type `certutil -hashfile C:\users\your_username\Desktop\mysql-installer-community-8.0.15.0.msi MD5`
 - c. You will then see a string of characters. This is the checksum string assigned to the .msi file you actually downloaded.
 - d. Compare the checksum string from 5.c. with that on the MySQL download page (from Step 2). It's right below the Download button. If the two strings aren't exactly the same, something went wrong, and you'll need to repeat the download and checksum process again. The most common reason for a mismatch is poor internet connectivity (excessively slow speeds or noise on the line), so you might try a different connection before downloading.
6. Double click on the .msi file, and follow the prompts to install MySQL.
 - a. **Install the Full version, although if you intend on doing a lot of MySQL development in the future, install the Developer version.**
 - b. **If you are warned that the installation will fail, click on the top item in the list, and install that. It will then fix the rest of the installation.**
7. You will then be asked to configure the components.
 - a. Group replication: select Standalone MySQL Server
 - b. Type and Networking (click on Next after each window):
 - i. Config type: Development computer
 - ii. Connectivity: TCP/IP, Port 3306, X protocol Port 33060, Open Windows Firewall ports (In other words, just take the defaults)
 - iii. Authentication methods: Use Strong Password Encryption
 - iv. Enter your root password. Make it something you will remember, and write it down! You really do not want to have to change this- it's very difficult and you will lose a lot of time.
 - v. Add yourself as a user where prompted. You'll also be prompted for a new password. You can make it the same as the root password, but if not, be sure to write it down and don't lose it!
 - c. Windows Service
 - i. Take the defaults here: Configure MySQL Server as a Windows Service, Windows Service Name=MySQL80, and Run as a Standard System Account
 - d. Apply Configuration
 - i. Click on Execute. Each configuration step will be executed in sequence. This can take 3-5 minutes, so don't touch anything. When complete, click on Finish

Installing MySQL Workbench

1. The MySQL Windows Installer provides everything you need, include the Workbench!
2. Open the Workbench app to make sure it starts.
3. Note: If you are running Windows 7, you will see that the operating system is not supported in this version of MySQL. Just click out of the dialog. So far, there haven't been any issues with this.