

Here is a step-by-step guide to download, install, and configure MySQL on a Windows system:

### Step 1: Download MySQL Installer

1. Visit the MySQL Download Page: Go to the MySQL download page [here](<https://dev.mysql.com/downloads/windows/installer/5.7.html>).

![MySQL Download Page](<https://dev.mysql.com/common/logos/logo-mysql-170x115.png>)

2. Choose the Installer: Click on the "Download" button for the MySQL Installer for Windows.

![MySQL Installer Download](<https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-installer-download.png>)

3. Select Your Version: Choose the "MySQL Installer MSI" file to download. This will usually be the recommended version.

![MySQL Installer MSI](<https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-msi-download.png>)

### Step 2: Install MySQL

1. Run the Installer: Once the download is complete, locate the downloaded file (typically in your Downloads folder) and double-click it to run the installer.

![MySQL Installer](<https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-setup1.png>)

2. Begin Installation: The installer will guide you through the installation process. Click "Next" to begin.

![MySQL Installer Start](<https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-setup2.png>)

3. Choose Setup Type: Select the "Developer Default" setup type to install MySQL Server and other MySQL products and features. Click "Next".

![MySQL Setup Type](<https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-setup3.png>)

4. Check Requirements: The installer will check for any requirements. If any requirements are missing, it will prompt you to install them. Click "Execute" to install any missing prerequisites.

![MySQL Requirements Check](<https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-setup4.png>)

5. Installation Progress: The installer will download and install MySQL products. Click "Next" when each step is completed.

![MySQL Installation Progress](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-setup5.png)

### Step 3: Configure MySQL Server

1. Product Configuration: After the installation, the installer will proceed to configure the MySQL server. Click "Next" to start the configuration.

![MySQL Product Configuration](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-config1.png)

2. High Availability: Choose the "Standalone MySQL Server / Classic MySQL Replication" option and click "Next".

![MySQL High Availability](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-config2.png)

3. Type and Networking: Select "Development Machine" and ensure the "TCP/IP" option is checked. Use the default port 3306. Click "Next".

![MySQL Type and Networking](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-config3.png)

4. Authentication Method: Select the "Use Strong Password Encryption (RECOMMENDED)" option and click "Next".

![MySQL Authentication Method](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-config4.png)

5. Set Root Password: Enter a strong root password. Optionally, you can add other users. Click "Next".

![MySQL Root Password](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-config5.png)

6. Windows Service: Choose to run MySQL as a Windows Service. Use the default settings and click "Next".

![MySQL Windows Service](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-config6.png)

7. Apply Configuration: Click "Execute" to apply the configuration settings.

![MySQL Apply Configuration](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-config7.png)

#### Step 4: Complete Installation

1. Finish Installation: Once the configuration is applied successfully, click "Finish" to complete the installation.

![MySQL Finish Installation](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-installer-finish.png)

#### Step 5: Verify Installation

1. Open MySQL Workbench: If installed, open MySQL Workbench. Alternatively, you can use the MySQL command line client.

![MySQL Workbench](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-workbench-home.png)

2. Connect to the MySQL Server: Use the root username and the password you set during the configuration to connect.

![MySQL Connection](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-workbench-connection.png)

3. Run a Test Query: To ensure everything is working correctly, run a simple query like:

```
```sql
SHOW DATABASES;
```
```

![MySQL Test Query](https://dev.mysql.com/doc/refman/8.0/en/images/mysql-workbench-query.png)

By following these steps, you will have MySQL installed and configured on your Windows system. You can now start using MySQL for your projects.