🚀 **In the thread of this message:** Here’s the guide to getting MySQL Workbench set up!

1 reply

Allan Ahmed [Staff, SE]Allan Ahmed [Staff, SE] Oct 29th at 12:13 PM

Step 1: Install MySQL Workbench

Why?

MySQL Workbench is a visual tool used for designing, managing, and interacting with MySQL databases. It simplifies tasks like running queries, creating tables, and visualizing database schemas.

1. **Download MySQL Workbench**:
    - Go to the MySQL Workbench download page.
    - Select your operating system, then download the installer.
2. **Install MySQL Workbench**:
3. **Windows**:
    - Open the downloaded `.msi` file and follow the installation prompts.
4. **macOS**:
    - Open the `.dmg` file, then drag **MySQL Workbench** to the **Applications** folder.
5. **Launch MySQL Workbench**:
    - Open MySQL Workbench to verify that it installed correctly. Without MySQL Server, Workbench will run but won’t connect to a database until the server is installed.

Step 2: Install MySQL Server

Why?

MySQL Server is the actual database engine that stores, retrieves, and manages data. It runs as a background service and listens for connections from MySQL Workbench or other clients.

1. **Download MySQL Community Server**:

- Go to the MySQL Community Server download page.
- Select your operating system and download the installer.

1. **Install MySQL Server**:

- **Windows**:

    - Run the downloaded `.msi` file.
    - Select "Custom" or "Developer Default" to include MySQL Workbench, MySQL Server, and other tools.

- Follow the prompts, set a root password, and choose **Standalone MySQL Server**.

- Ensure that **MySQL Server** is set up to start as a Windows service, allowing it to run in the background.

- **macOS**:

  - Open the `.dmg` file and follow the installation steps.
  - After installation, go to **System Preferences > MySQL**, where you can start the server.

- Set a root password if prompted.

1. **Confirm MySQL Server is Running**:

   - **Windows**: Open `services.msc` and verify that **MySQL** or **MySQL80** is listed and started.
   - **macOS**: In **System Preferences > MySQL**, ensure the server is running and set to start automatically if desired.

Step 3: Install Microsoft Visual C++ Redistributable for Visual Studio 2019 (Windows Only)

Why?

The Visual C++ Redistributable provides runtime libraries required for MySQL Server to operate on Windows. Without it, MySQL may not function properly.

1. **Download the Redistributable**:
   - Go to the Microsoft Visual C++ Redistributable download page.
   - Download the **x64** version (or **x86** if on a 32-bit system, although most systems are 64-bit).
2. **Install the Redistributable**:
   - Open the downloaded `.exe` file and follow the prompts to install.
   - If it's already installed, choose the **Repair** option.
3. **Restart MySQL Workbench**:
   - After installation, restart your computer if prompted, then open MySQL Workbench again.

Step 4: Test the Setup in MySQL Workbench

1. Open **MySQL Workbench**.
2. Click on **Local instance MySQL** or create a new connection with the following settings:
   - **Hostname**: `127.0.0.1` or `localhost`
   - **Port**: `3306` (or another port if you configured MySQL to use a different one)
   - **Username**: `root` (or another MySQL user if created during installation)
3. Enter your MySQL root password and test the connection.

Download Links for Quick Access

- **MySQL Workbench**: Download MySQL Workbench
- **MySQL Community Server**: Download MySQL Community Server
- **Microsoft Visual C++ Redistributable for Visual Studio 2019**: Download Visual C++ Redistributable