

Database Management Systems

MySQL - Getting Ready

Malay Bhattacharyya

Assistant Professor

Machine Intelligence Unit
and
Centre for Artificial Intelligence and Machine Learning
Indian Statistical Institute, Kolkata

March, 2022



1 Installation

Downloading MySQL Installer

MySQL Installer 8.0.23

Select Operating System:

Microsoft Windows

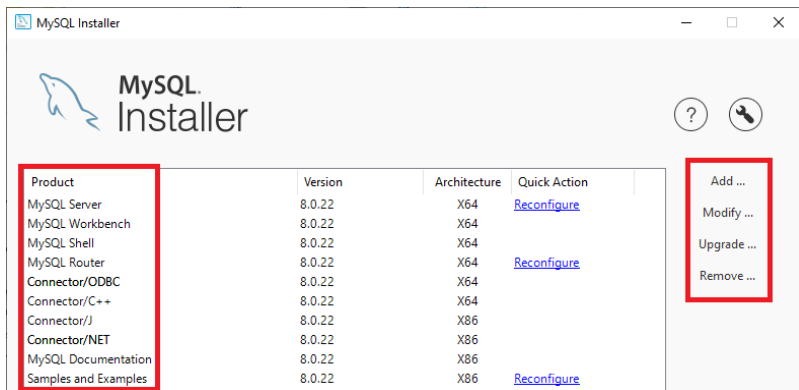
Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.23.0.msi)	8.0.23	2.4M	Download
	MD5: a3af6d91f93e046452b38a1e2589534c Signature		
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.23.0.msi)	8.0.23	422.4M	Download
	MD5: 8de85ced955631901829a1a363cdbf50 Signature		

Link: <https://dev.mysql.com/downloads/installer>

Note: No Sign Up is necessary for starting the download.

MySQL Installation



The screenshot shows the MySQL Installer window. The title bar reads "MySQL Installer". The window contains the MySQL logo and the text "MySQL Installer". Below this is a table of installed products. The table has four columns: Product, Version, Architecture, and Quick Action. The products listed are MySQL Server, MySQL Workbench, MySQL Shell, MySQL Router, Connector/ODBC, Connector/C++, Connector/J, Connector/NET, MySQL Documentation, and Samples and Examples. The "Quick Action" column contains "Reconfigure" links for several products. To the right of the table is a vertical menu with four options: "Add ...", "Modify ...", "Upgrade ...", and "Remove ...". The "Product" column and the "Add ...", "Modify ...", "Upgrade ...", and "Remove ..." menu are highlighted with red boxes.

Product	Version	Architecture	Quick Action
MySQL Server	8.0.22	X64	Reconfigure
MySQL Workbench	8.0.22	X64	
MySQL Shell	8.0.22	X64	
MySQL Router	8.0.22	X64	Reconfigure
Connector/ODBC	8.0.22	X64	
Connector/C++	8.0.22	X64	
Connector/J	8.0.22	X86	
Connector/NET	8.0.22	X86	
MySQL Documentation	8.0.22	X86	
Samples and Examples	8.0.22	X86	Reconfigure

Note: On selecting a particular product, one can proceed to Add/Modify/Upgrade/Remove that in the system.

Downloading MySQL Community Server

MySQL Community Server 8.0.23

Select Operating System:

Microsoft Windows ▼

Looking for previous GA versions?

Recommended Download:

MySQL Installer for Windows

All MySQL Products. For All Windows Platforms.
In One Package.

Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSI packages.



Windows (x86, 32 & 64-bit), MySQL Installer MSI

[Go to Download Page >](#)

Other Downloads:

Windows (x86, 64-bit), ZIP Archive

8.0.23

193.0M

[Download](#)

(mysql-8.0.23-winx64.zip)

MD5: a48558e14c73e30d948fa77d6d6c62ec | [Signature](#)

Windows (x86, 64-bit), ZIP Archive

8.0.23

441.5M

[Download](#)

Debug Binaries & Test Suite

(mysql-8.0.23-winx64-debug-test.zip)

MD5: cfc86ceb95503c7251941a4da0ce13a6 | [Signature](#)

Link: <https://dev.mysql.com/downloads/mysql>

Downloading MySQL Workbench

MySQL Workbench 8.0.23

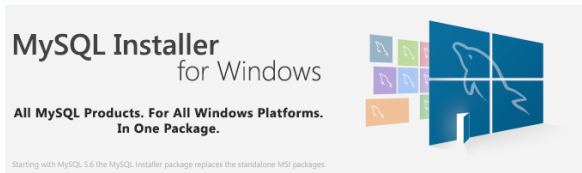
Select Operating System:

Microsoft Windows ▾

All MySQL products

MySQL Workbench

Recommended Download:



MySQL Installer
for Windows

All MySQL Products. For All Windows Platforms.
In One Package.

Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSI packages.



Windows (x86, 32 & 64-bit), MySQL Installer MSI

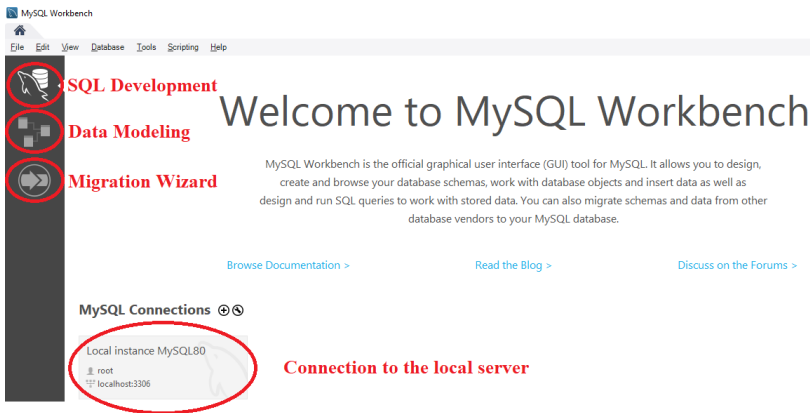
[Go to Download Page >](#)

Other Downloads:

Windows (x86, 64-bit), MSI Installer	8.0.23	38.2M	Download
(mysql-workbench-community-8.0.23-winx64.msi)	MD5: 3e0291ee692deaa5e165e18234676086 Signature		

Link: <https://dev.mysql.com/downloads/workbench>

MySQL Workbench – Getting Started



The screenshot shows the MySQL Workbench application window. The title bar reads "MySQL Workbench". The menu bar includes "File", "Edit", "View", "Database", "Tools", "Scripting", and "Help". On the left sidebar, three icons are circled in red: a database icon labeled "SQL Development", a cube icon labeled "Data Modeling", and a wizard icon labeled "Migration Wizard". The main area displays a "Welcome to MySQL Workbench" message. Below the message are three links: "Browse Documentation >", "Read the Blog >", and "Discuss on the Forums >". At the bottom left, the "MySQL Connections" panel is visible, with a red oval around the "Local instance MySQL80" entry, which shows "root" as the user and "localhost:3306" as the connection details. A red text label "Connection to the local server" points to this entry.

MySQL Workbench

File Edit View Database Tools Scripting Help

SQL Development

Data Modeling

Migration Wizard

Welcome to MySQL Workbench

MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run SQL queries to work with stored data. You can also migrate schemas and data from other database vendors to your MySQL database.

[Browse Documentation >](#) [Read the Blog >](#) [Discuss on the Forums >](#)

MySQL Connections ⊕ ⊖

Local instance MySQL80

- root
- localhost:3306

Connection to the local server