

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

8.0.23

2.4M

Download

(mysql-installer-web-community-8.0.23.0.msi)

MD5: a3af6d91f93e046452b38a1e2589534c | [Signature](#)

Windows (x86, 32-bit), MSI Installer

8.0.23

422.4M

Download

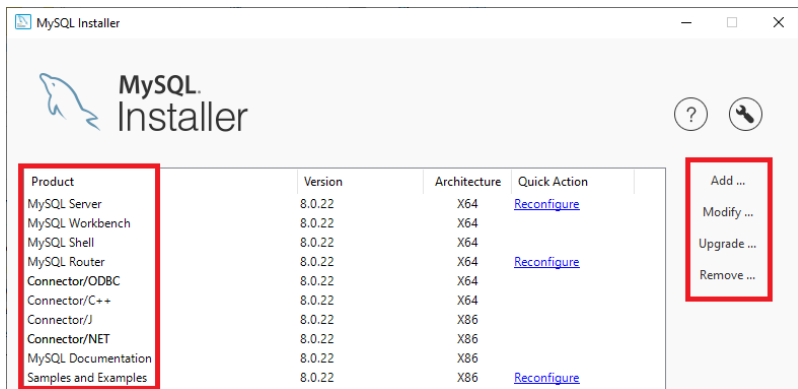
(mysql-installer-community-8.0.23.0.msi)

MD5: 8de85ced955631901829a1a363cdbf50 | [Signature](#)

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

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

MySQL Installation



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

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Other Downloads:

Windows (x86, 64-bit), ZIP Archive

8.0.23

193.0M

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(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

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Other Downloads:

Windows (x86, 64-bit), MSI Installer

8.0.23

38.2M

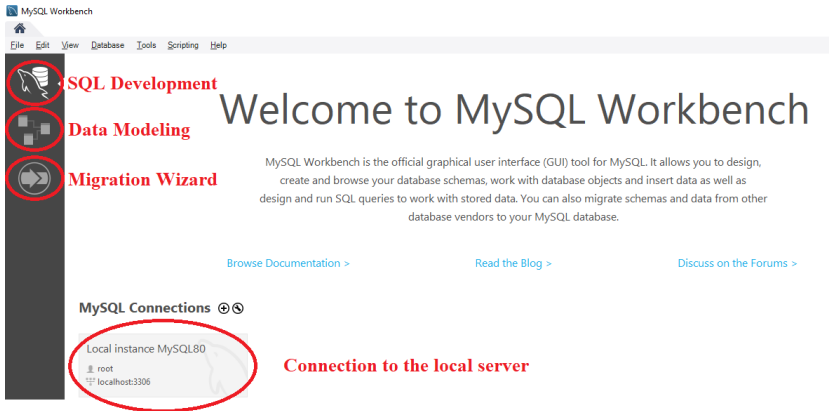
[Download](#)

(mysql-workbench-community-8.0.23-winx64.msi)

MD5: 3e0291ee692deaa5e165e18234676086 | [Signature](#)

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

MySQL Workbench – Getting Started



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.

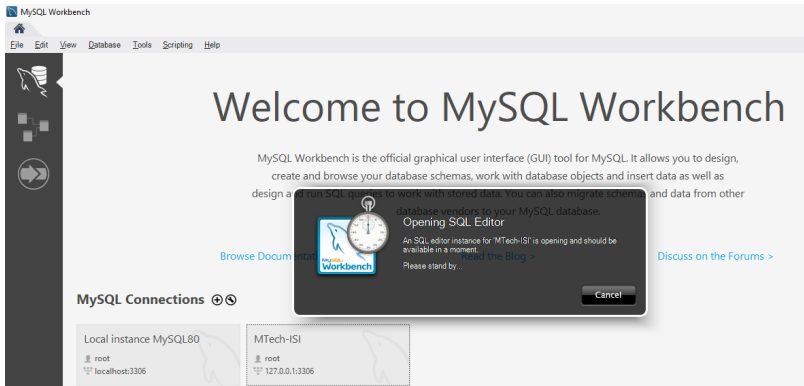
[Browse Documentation >](#) [Read the Blog >](#) [Discuss on the Forums >](#)

MySQL Connections ⊕ ⊖

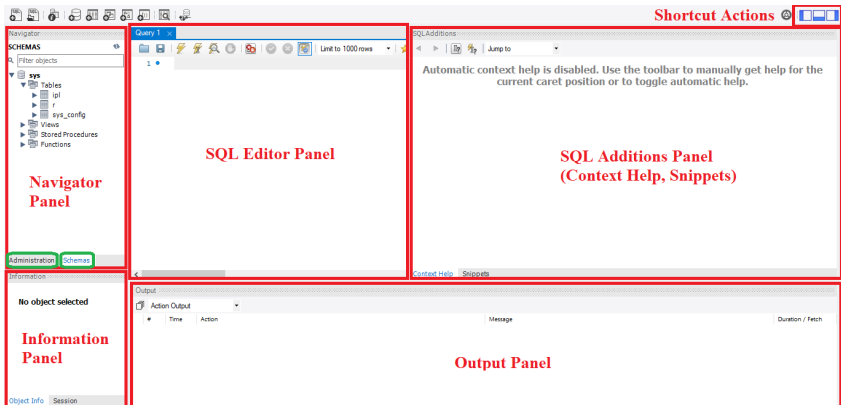
- Local instance MySQL80
 - root
 - localhost:3306

Connection to the local server

Connecting with MySQL Workbench



MySQL Workbench – Panels



Note: The MySQL Workbench developer manual is available at <https://dev.mysql.com/doc/workbench/en>.

Connecting with MySQL in Linux

```
$ mysql -u <user_name> -p
Enter password:
mysql> _
mysql> show databases;
mysql> connect <database_name>;
mysql> show tables;
mysql> desc <table_name>;
mysql> exit
$ _
```

We will be using the accounts with username/password root/mysql (DBA) and student/student123 (general user) on MySQL during the course.

Note: In Oracle SQL, scott/tiger are the general username/password. The default password for the DBA is system.