

Database Management Systems

MySQL - Getting Ready

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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

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

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Windows (x86, 32-bit), MSI Installer

8.0.23

422.4M

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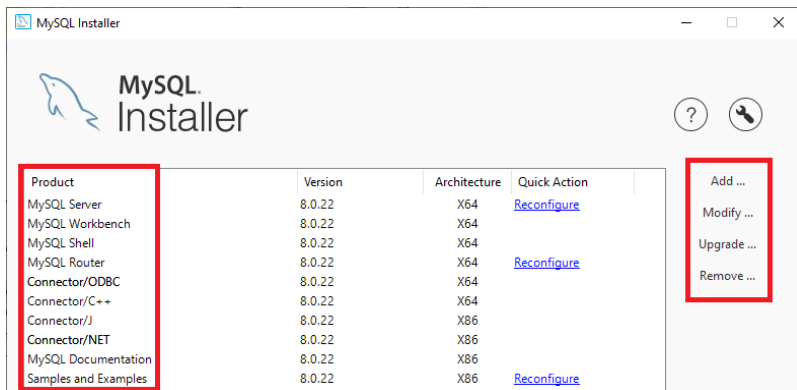
(mysql-installer-community-8.0.23.0.msi)

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

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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 (mysql-8.0.23-winx64.zip)	8.0.23	193.0M	Download MD5: a48558e14c73e30d948fa77d6d6c62ec Signature
Windows (x86, 64-bit), ZIP Archive Debug Binaries & Test Suite (mysql-8.0.23-winx64-debug-test-suite)	8.0.23	441.5M	Download MD5: cfc86ceb95503c7251941a4da0e13a6 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

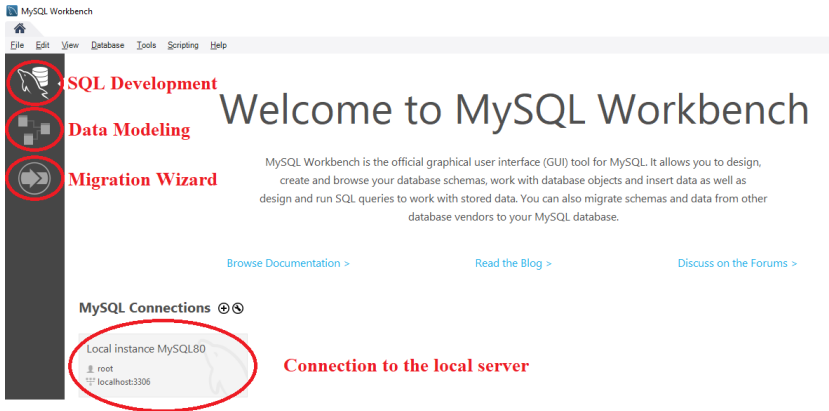
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(mysql-workbench-community-8.0.23-winx64.msi)

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 ⊕ ⊖

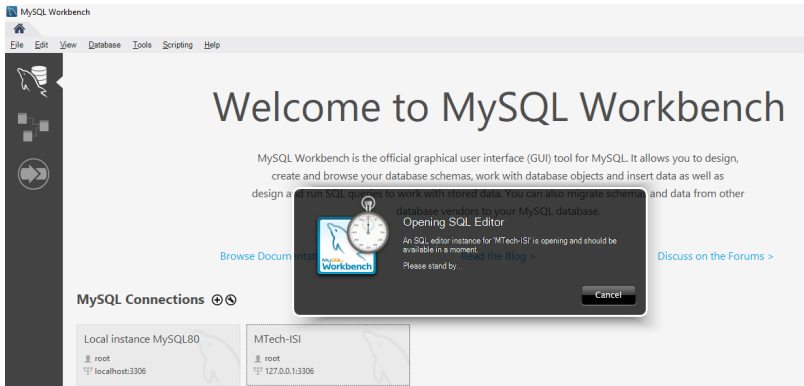
Local instance MySQL80

root

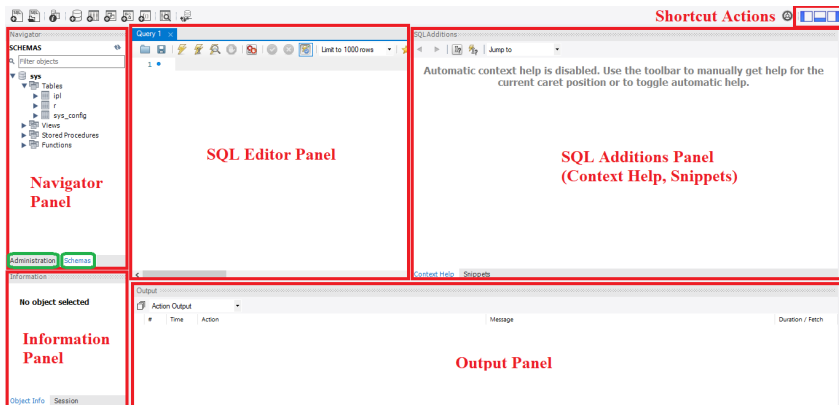
localhost:3306

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>.

MySQL Installation in Linux

Update the list of available packages and their versions:

```
$ sudo apt update
```

Install MySQL:

```
$ sudo apt install mysql-server
```

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.