

Tutorial Week 1

INFO90002





- Meet tutor and other students
- Introduction to MySQL Server and MySQL Workbench
- Installation of MySQL Server and MySQL Workbench
- Bonus Activity



Introduction to MySQL

MySQL is a brand, with a range of products

- MySQL Server
- MySQL Workbench
- MySQL Utilities

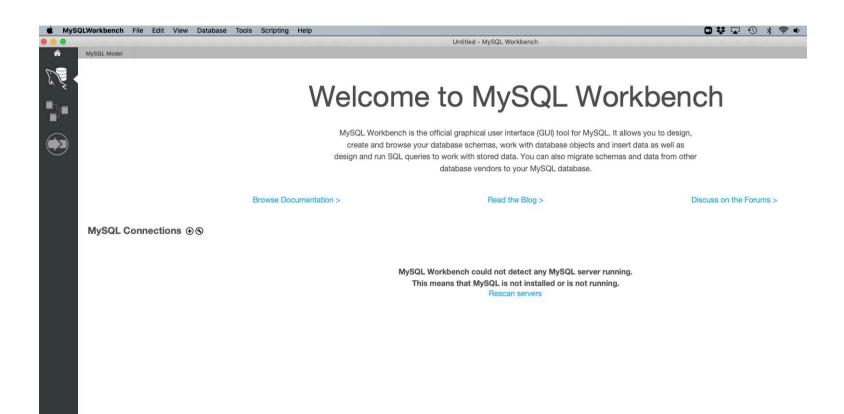
MySQL Server is a relational database management system

MySQL Workbench is a graphic user interface used to connect to and work with MySQL server

MySQL Workbench creates a connection to the database server over a network



Workbench demonstration





Install MySQL Server and MySQL Workbench

MySQL Server

Be sure to download the **MySQL Community Server** edition (includes the whole package) https://dev.mysql.com/downloads/mysql/

MySQL Workbench from this link (only if you already have the server)
 http://dev.mysql.com/downloads/workbench/

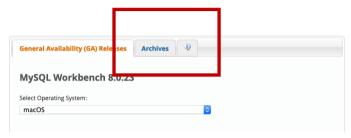
The binaries of these downloads are also in Canvas



Some notes...

MacOS

If you are using Mac m1 chip, try version 8.0.21 (Find it in the *Archives* tab) If you get the security message, go to



System Preferences> Security and Privacy> approve the app to be downloaded

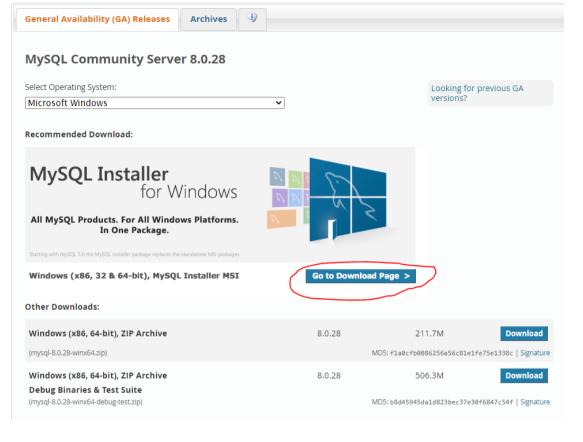




Some notes...

Windows

MySQL Installer for Windows



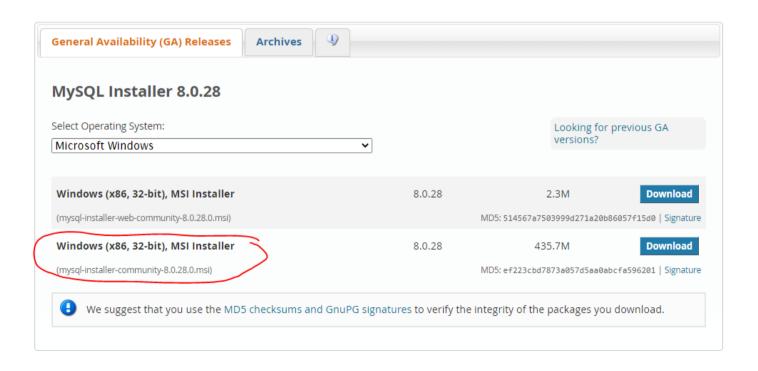
Prerequisites

• You may need to install **Microsoft C++ packages** https://dev.mysql.com/doc/refman/8.0/en/windows-installation.html
However, if installing as a developer package (shown on the following slides), Windows will resolve and install missing packages without need for intervention



Mysql-installer-community

- MySQL Community Downloads
- MySQL Installer





Do NOT sign up, just download

MySQL Community Downloads

Login Now or Sign Up for a free account.

An Oracle Web Account provides you with the following advantages:

- · Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- · Post messages in the MySQL Discussion Forums
- · Report and track bugs in the MySQL bug system

Login » using my Oracle Web account

Sign Up »

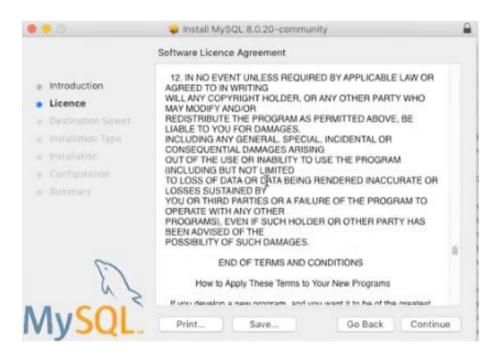
for an Oracle Web account

MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

No thanks, just start my download.

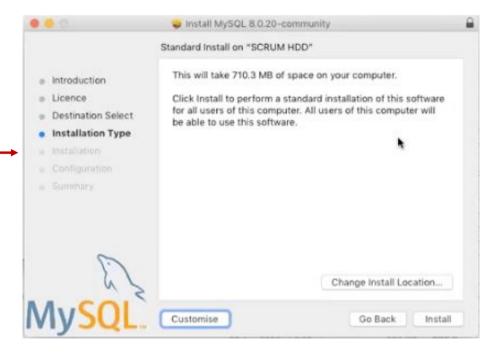






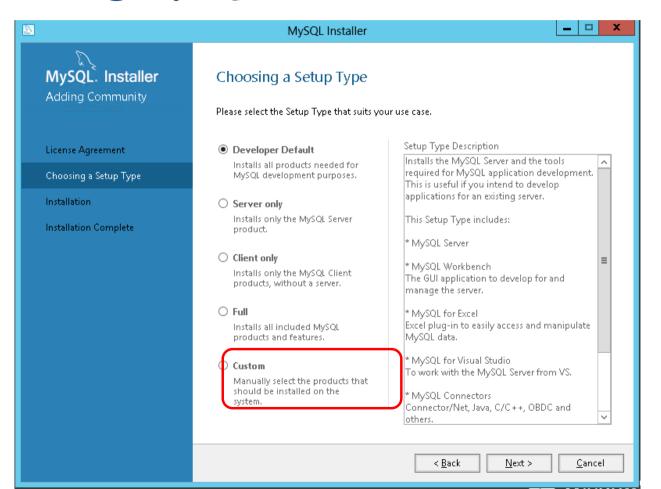






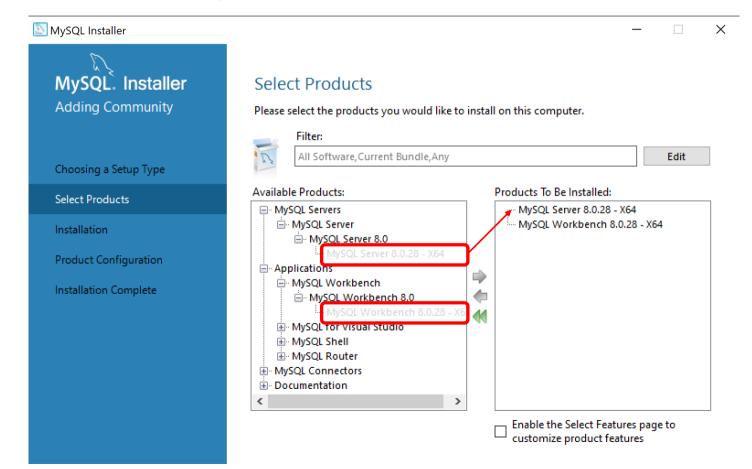


Installing MySQL Server on Windows



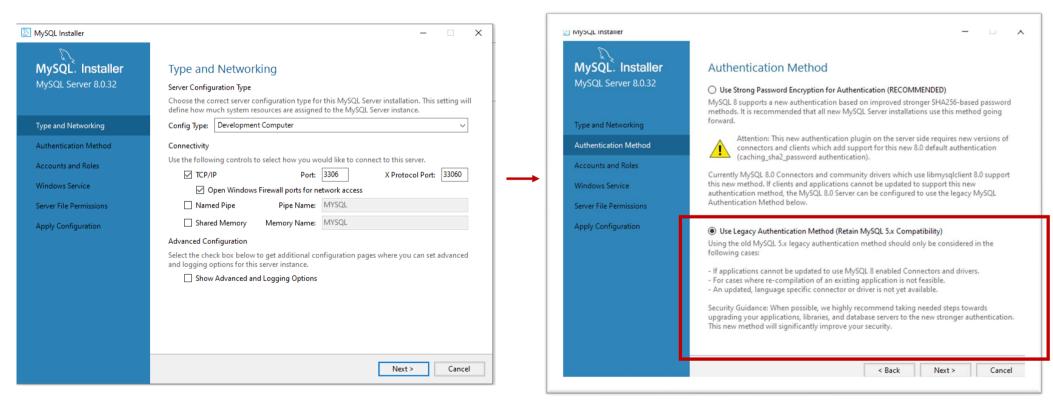


Windows: MySQL Custom Installation



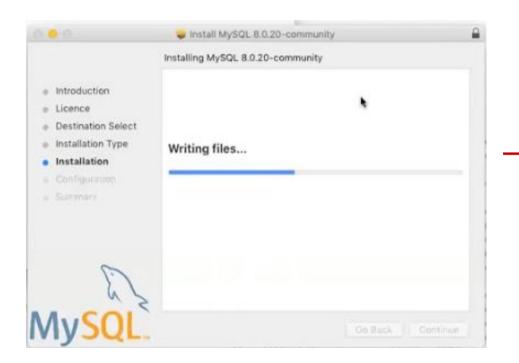


Windows installation and Password Encryption Settings



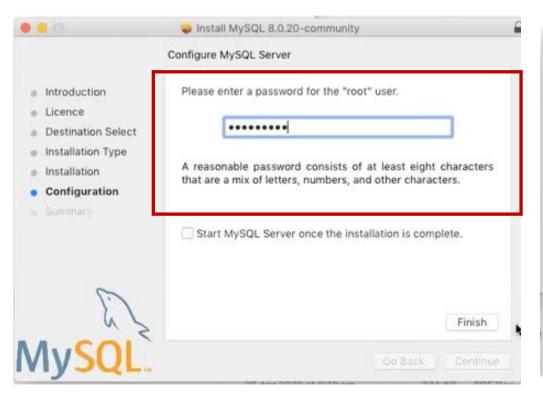
Leave default settings

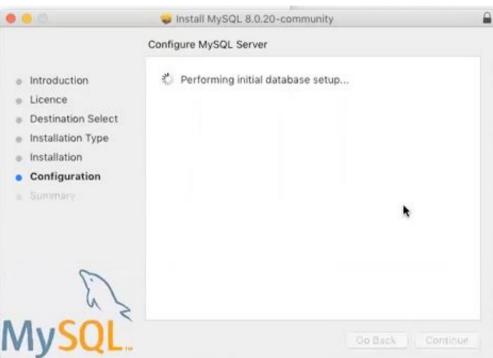




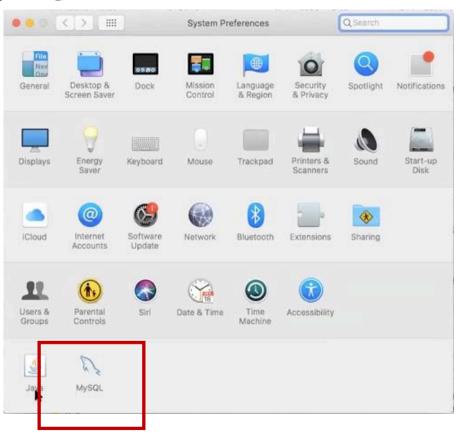




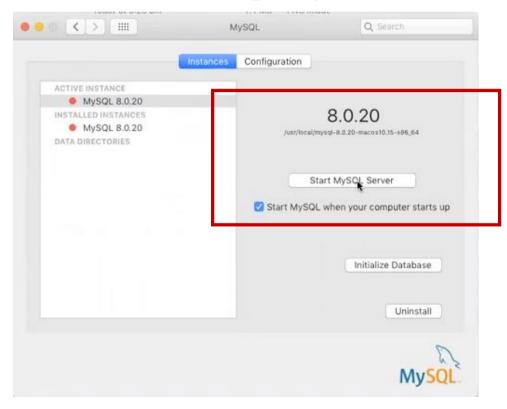


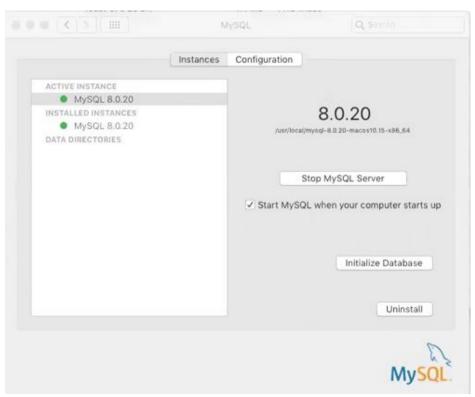














Installing MySQL Workbench on Mac





MySQL Workbench



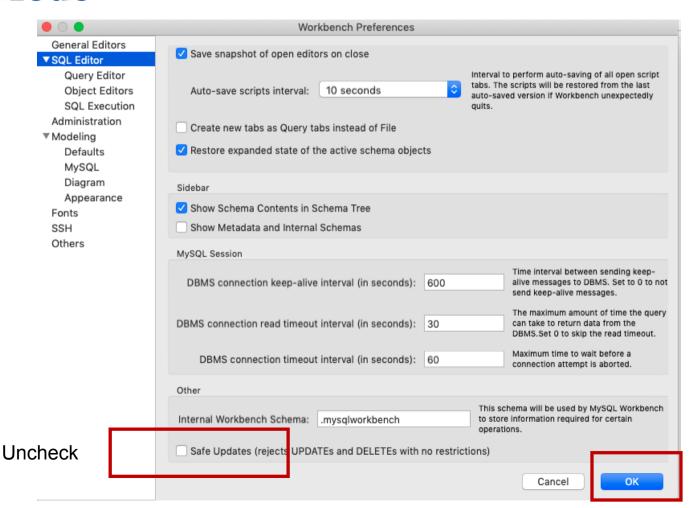




Remove Safe Mode

In the navigation menu, go to:

MySQLWorkbench >
Preferences >
SQL Editor



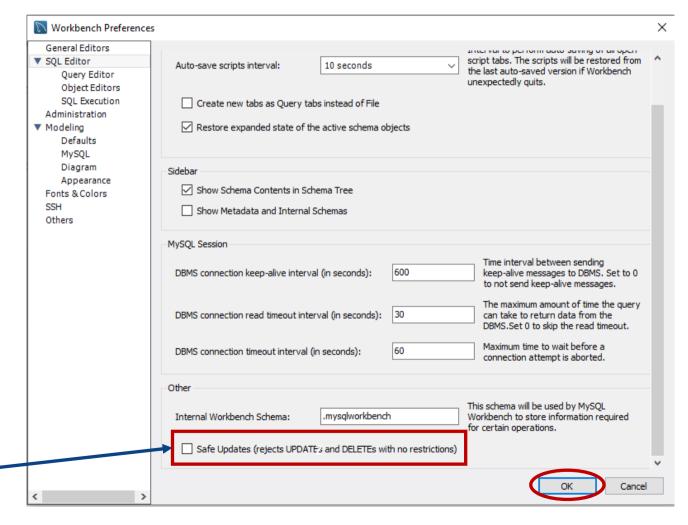


Remove Safe Mode on Windows

In the navigation menu, go to:

Edit >
Preferences >
SQL Editor

Uncheck, click OK





If you cannot connect to the server

- Ensure you are using your UNIMELB username
- Ensure that your username is in lowercase
- Ensure you are connected to the unimelb Wi-Fi or the VPN (If you are on unimelb lab computer, you do not need VPN)
- Try retyping everything you may have misspelt something



Exercise

Brainstorm:

- What tables could be used to create this order confirmation?
- What columns some of these tables could contain?
- See lecture 1 slides 25-26 for help

TICKETS ORDER

Order Date: 7/02/2022 4:00:10 PM

Order Number: 39727316 Customer Number: 21128361

Order Total: \$346.45

Your Account Information:

Mr John Lin PO Box 180 PARKVILLE, VIC 3010

Description	Location	Seats	Price	Total
An American in Paris Wed 16 Mar 2022 7:30pm Arts Centre Melbourne, State Theatre	Circle Circle	A 41 A 42	\$169.00 \$169.00	\$338.00
			Subtotal:	\$338.00
			Fees:	\$8.45
			Total:	\$346.45

For full Terms and Conditions, see our policies here: Terms and Conditions

To understand how we will use the information we have collected from you at time of purchase, please read our <u>Privacy Policy</u>.



Thank you

- Use the discussion board (Ed discussions) in Canvas if you are having issues with the installation of Workbench.
- Please detail your:
 - Operating system
 - Issue
 - · Screenshot of issue