

A use-case of booking an apartment: AIRBNBCLONE

Database Installation Manual

Contents

Requirements.....	3
How to download and install	3
Conclusion.....	8

This is a guide for installation and setup of a “AirBnBclone” database. In this file I have covered detailed instructions and configuration that is need to get this database up and running.

Requirements

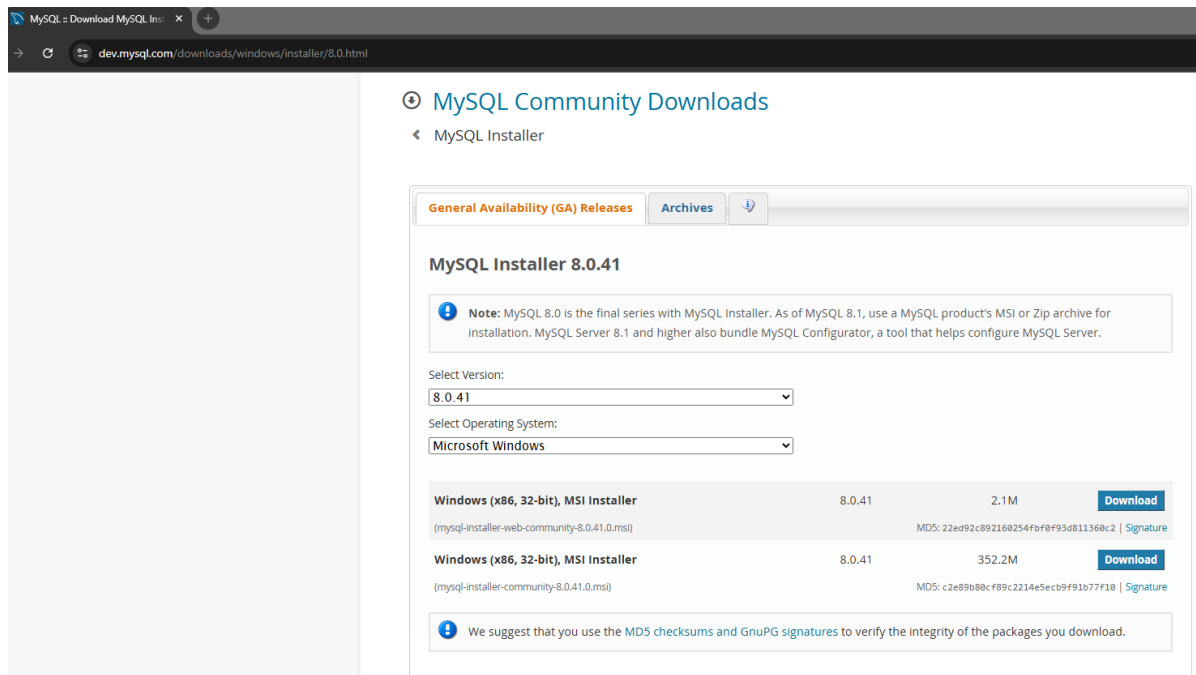
MySQL Server 8.0+

MySQL Workbench 8.0+

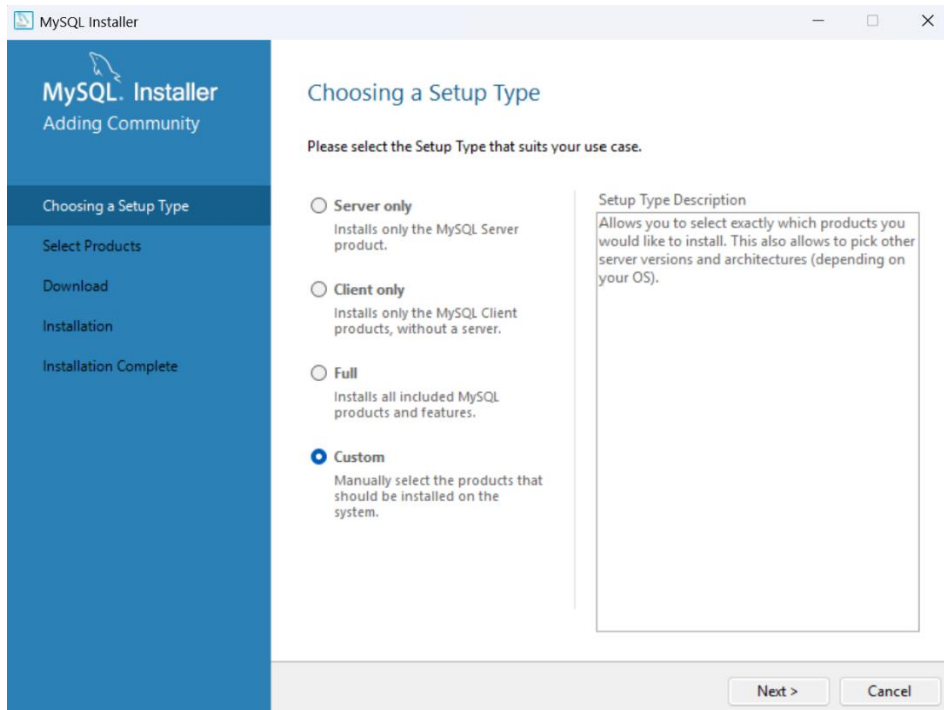
MySQL Shell 8.0+

How to download and install

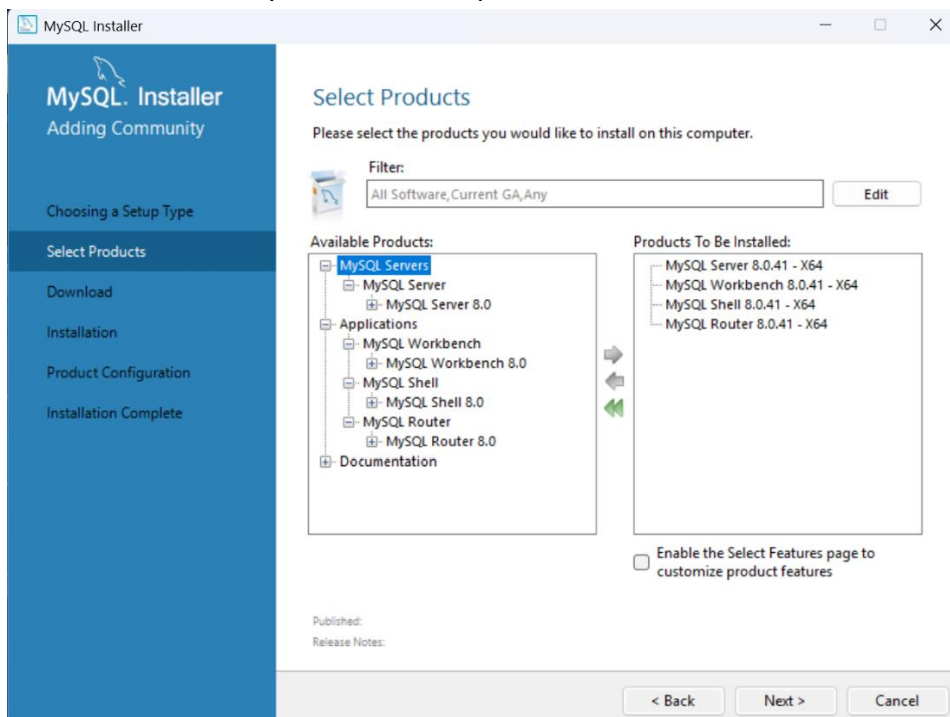
1. Download the latest MySQL Installer.



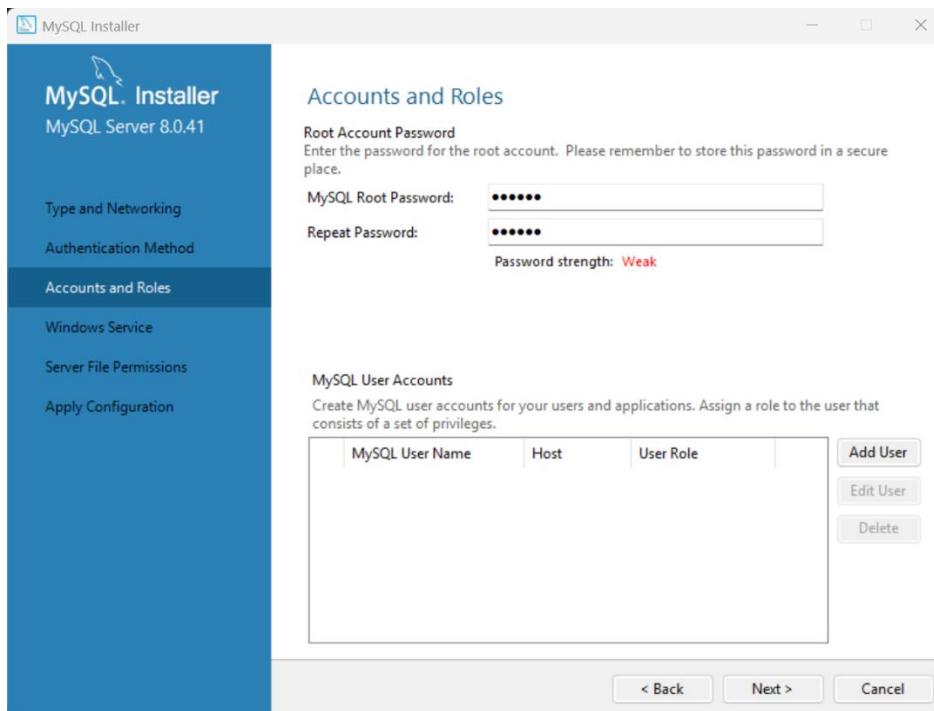
2. Choose a custom setup type.



3. Select "Products to Be Installed: "; at least MySQL Server, MySQL Workbench and MySQL Shell are needed, MySQL Router is optional.

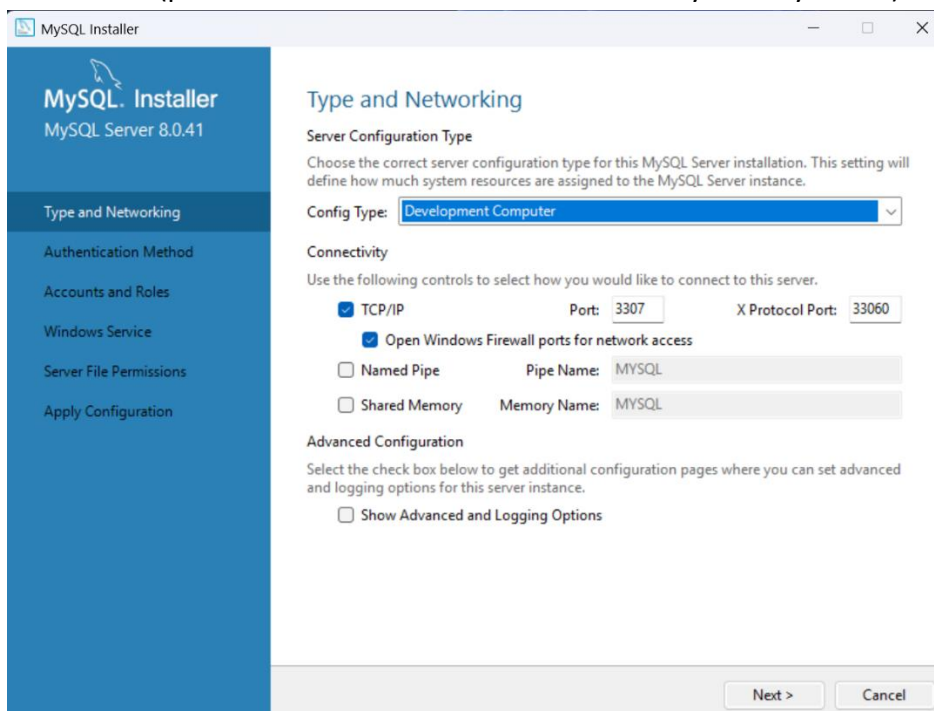


- After the installation finishes set the default root password.



The screenshot shows the 'Accounts and Roles' step of the MySQL Installer for MySQL Server 8.0.41. The left sidebar lists the installation steps: Type and Networking, Authentication Method, Accounts and Roles (selected), Windows Service, Server File Permissions, and Apply Configuration. The main area is titled 'Accounts and Roles' and contains two sections. The first section, 'Root Account Password', prompts the user to enter a password for the root account. It includes fields for 'MySQL Root Password' and 'Repeat Password', both masked with dots. Below these fields, the 'Password strength' is indicated as 'Weak'. The second section, 'MySQL User Accounts', instructs the user to create MySQL user accounts. It features a table with columns for 'MySQL User Name', 'Host', and 'User Role'. To the right of the table are buttons for 'Add User', 'Edit User', and 'Delete'. At the bottom of the window are navigation buttons: '< Back', 'Next >', and 'Cancel'.

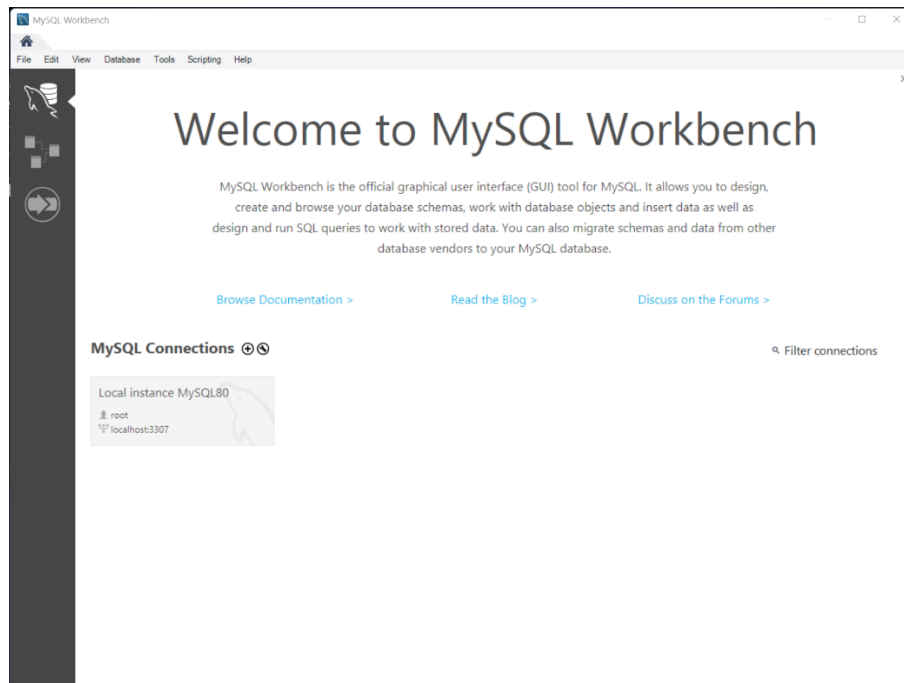
- Increment the port address by 1 if the port is already in use and click next to finish the installation (port 3306 was the default but it is usually already in use).



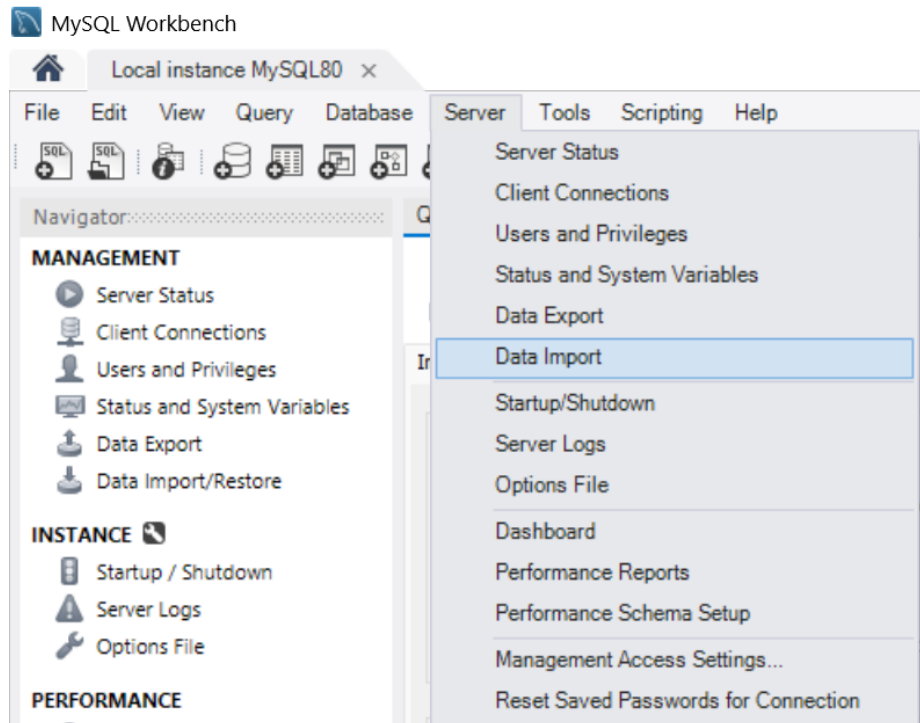
The screenshot shows the 'Type and Networking' step of the MySQL Installer for MySQL Server 8.0.41. The left sidebar lists the installation steps: Type and Networking (selected), Authentication Method, Accounts and Roles, Windows Service, Server File Permissions, and Apply Configuration. The main area is titled 'Type and Networking' and contains three sections. The first section, 'Server Configuration Type', prompts the user to choose the correct server configuration type. It includes a dropdown menu for 'Config Type' set to 'Development Computer'. The second section, 'Connectivity', prompts the user to select how they would like to connect to this server. It includes checkboxes for 'TCP/IP' (checked), 'Named Pipe', and 'Shared Memory'. The 'TCP/IP' section includes fields for 'Port' (3307) and 'X Protocol Port' (33060). The 'Named Pipe' section includes a field for 'Pipe Name' (MYSQL). The 'Shared Memory' section includes a field for 'Memory Name' (MYSQL). The third section, 'Advanced Configuration', prompts the user to select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance. It includes a checkbox for 'Show Advanced and Logging Options'. At the bottom of the window are navigation buttons: 'Next >' and 'Cancel'.

Setting up and importing the database:

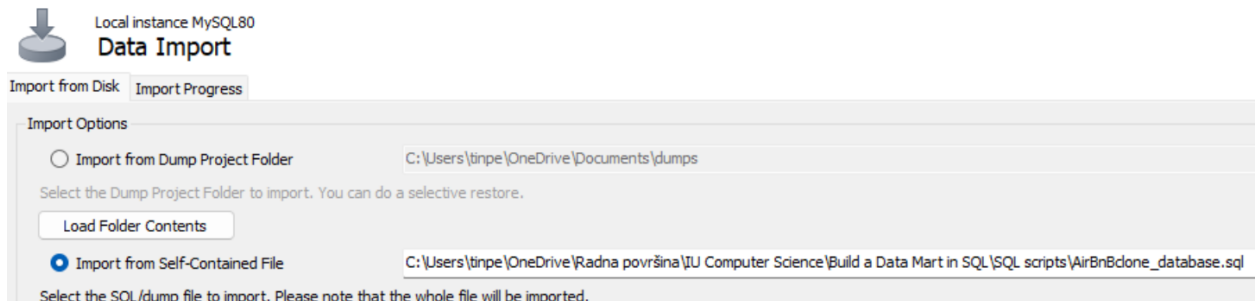
1. After opening the MySQL Workbench double click on “Local instance” connection.



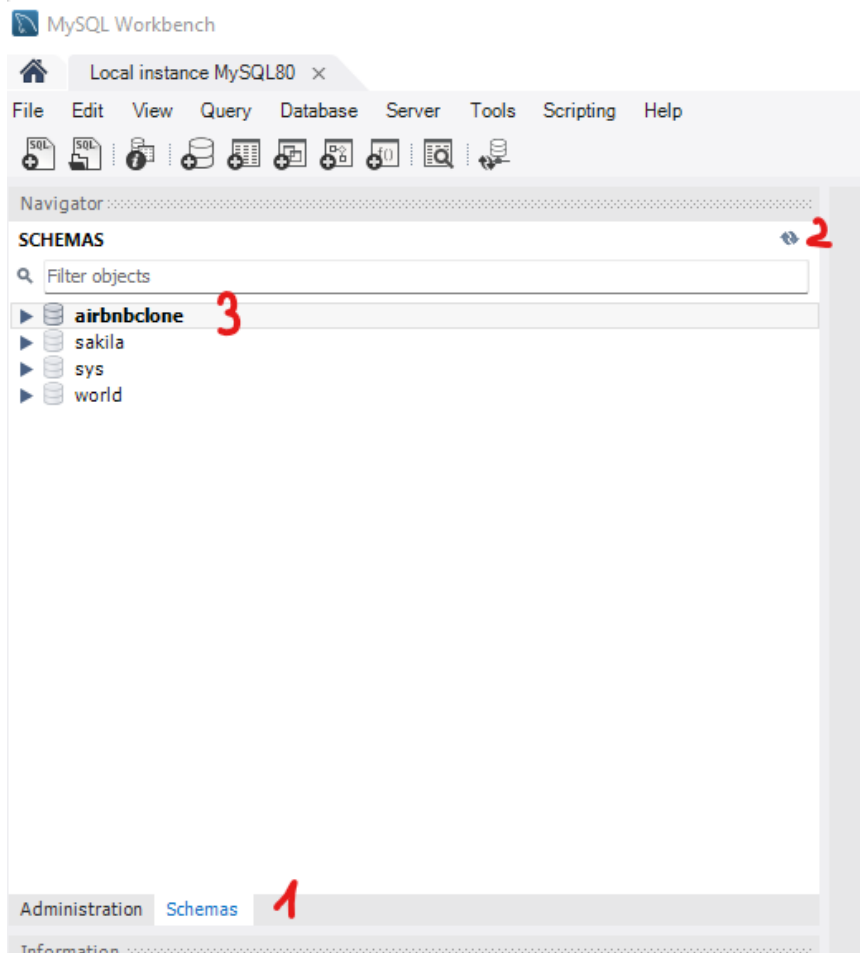
2. Click on “Server” and then “Data Import”.



3. Select “Import from Self-Contained File”, click on the 3 dots on the right to select the SQL file which is named: “AirBnBclone_database_complete” Create a new default schema where the file will be imported to. It can be named by clicking on the “New...” button.



4. Click on the “Schemas” tab (1)



5. Click on refresh icon on the top right (2)
6. *airbnbclone* database should appear on the list, double click it to make it active (3)
7. Metadata and test cases are in their corresponding folders (\metadata and \test_cases) and can be used to test the database. Used insert SQL commands are in \insert folder.

Conclusion

You can use this database to create new bookings, new properties, test out the payments system and much more.