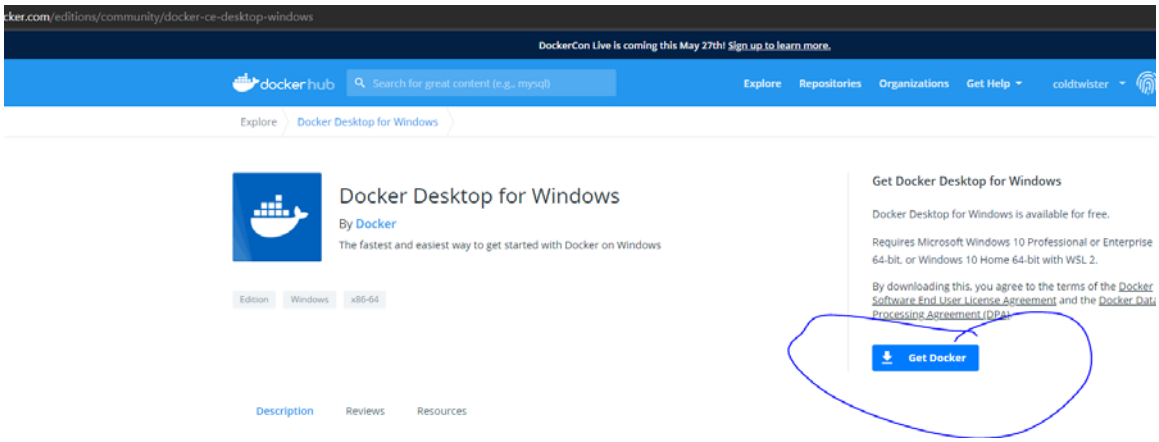
Docker Desktop - Installation Guide

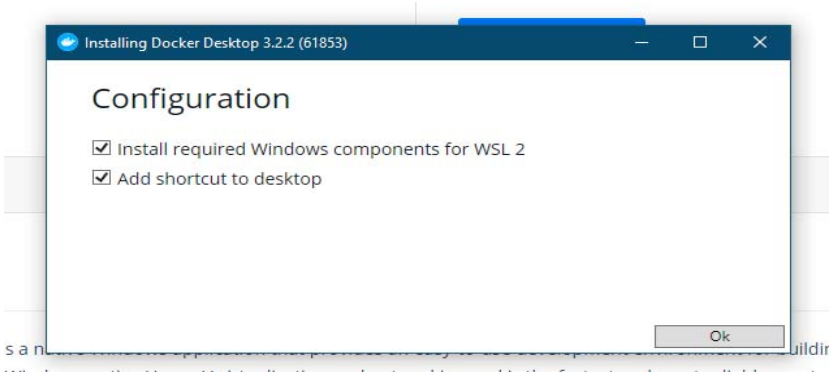
#READ THE INSTRUCTIONS!!!

1. Sign Up and Download Desktop for Windows

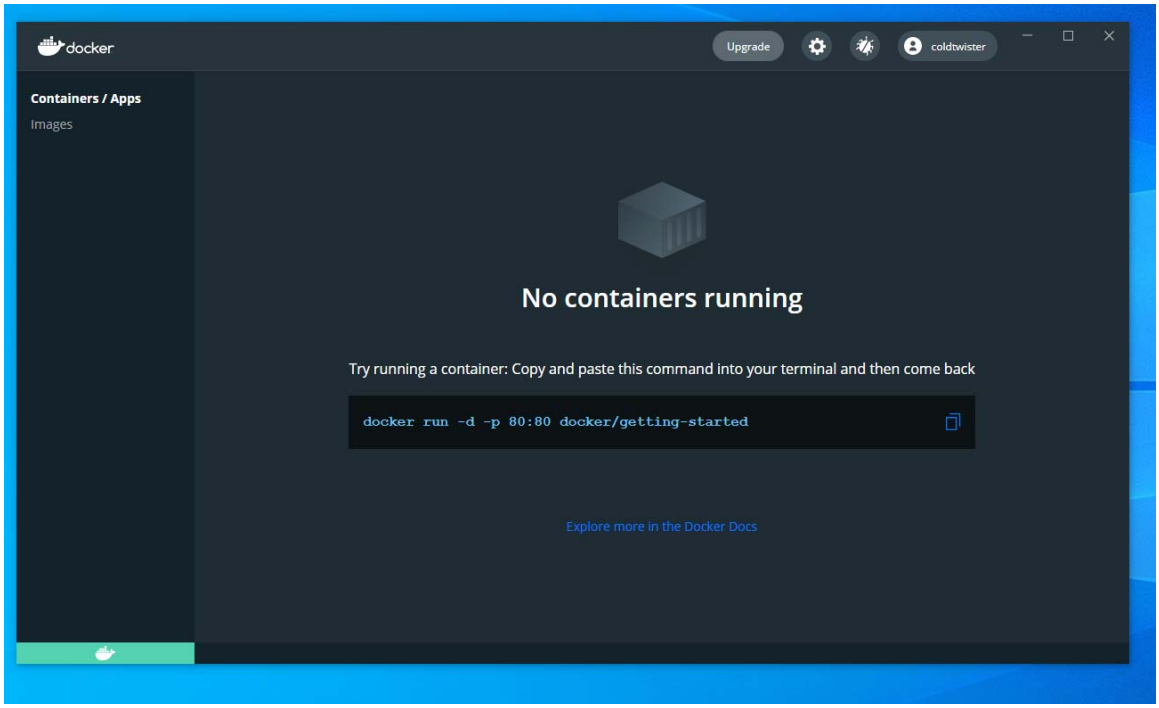
https://hub.docker.com/editions/community/docker-ce-desktop-windows



2. Run the installer



3. Run the Docker Desktop. You should see something like the image below.



4. Now we need to download MySQL Server Image **(NOTE: READ THE INSTRUCTION)**

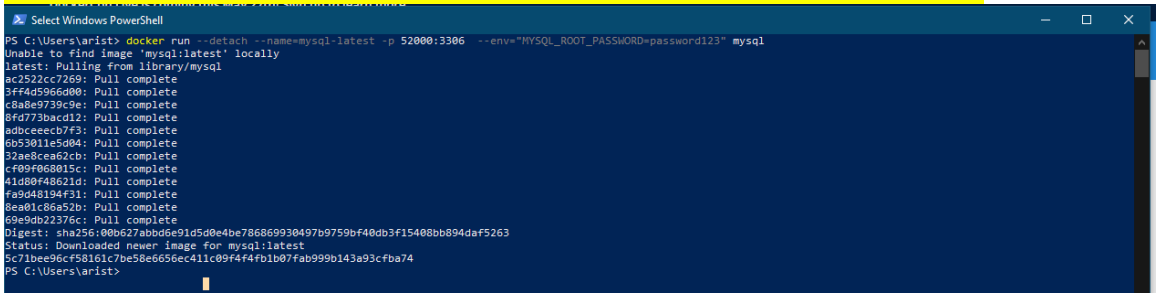
https://hub.docker.com/r/mysql/mysql-server

docker pull mysql/mysql-server

docker run -d --name=mysql mysql/mysql-server:latest

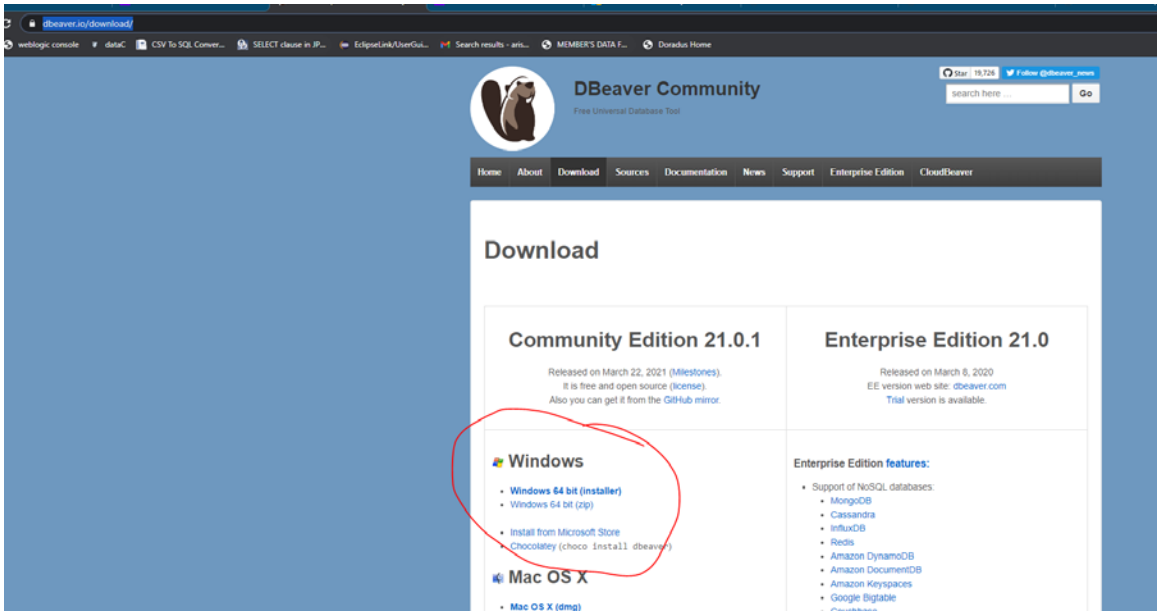
docker ps

docker run --detach --name=mysql-latest -p 52000:3306 --env="MYSQL_ROOT_PASSWORD=password123" mysql



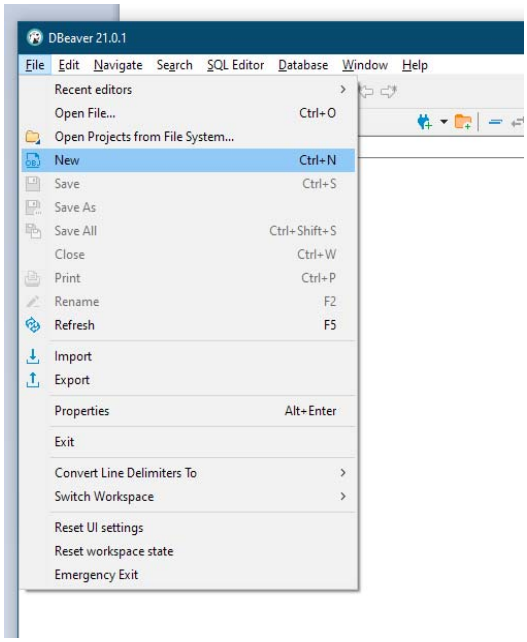
3. Install DBeaver

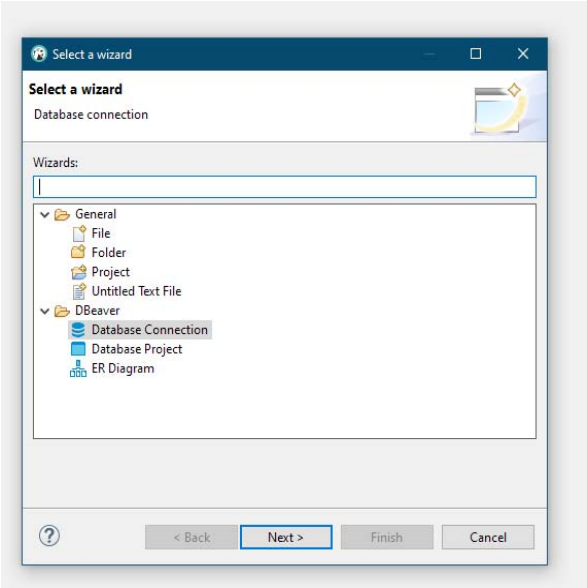
https://dbeaver.io/download/

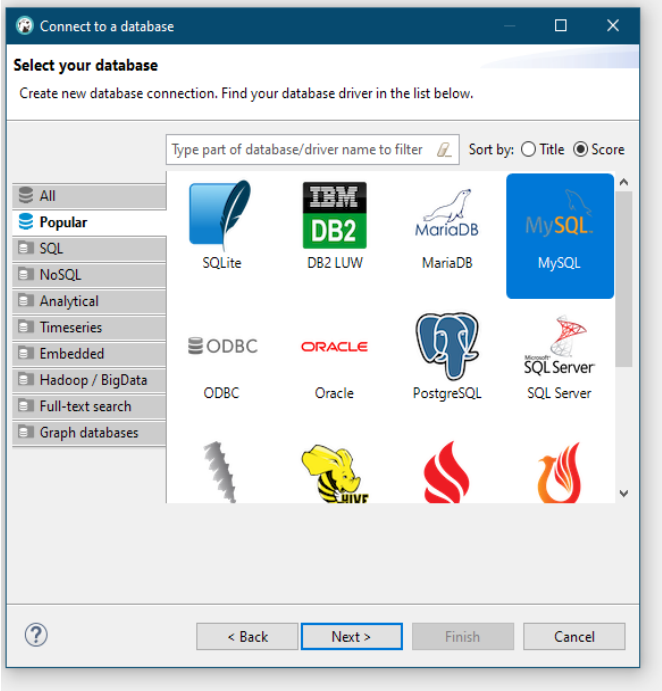


4. Run DBeaver app and create a New Connection.

File > New > DBeaver > Database Connection > Select MySQL

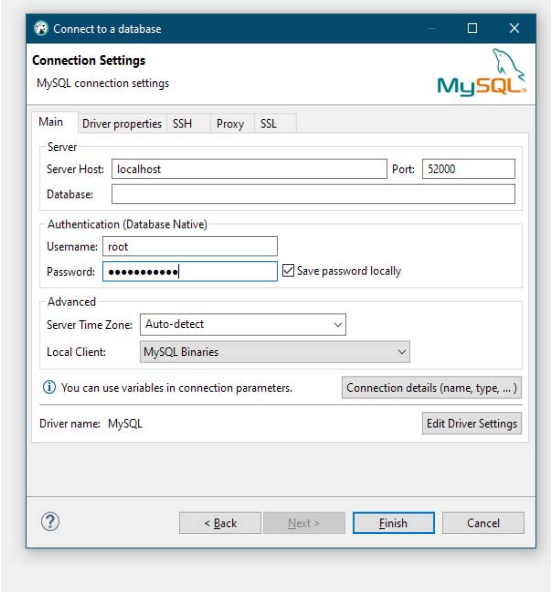

DBeaver 21.0.1
File Edit Navigate Search SQL Editor Database Window Help
Recent editors
Open File... Ctrl+O
Open Projects from File System...
New Ctrl+N
Save Ctrl+S
Save As
Save All Ctrl+Shift+S
Close Ctrl+W
Print Ctrl+P
Rename F2
Refresh F5
Import
Export
Properties Alt+Enter
Exit
Convert Line Delimiters To
Switch Workspace
Reset UI settings
Reset workspace state
Emergency Exit


Select a wizard
Select a wizard
Database connection
Wizards:
General
File
Folder
Project
Untitled Text File
DBeaver
Database Connection
Database Project
ER Diagram
< Back
Next >
Finish
Cancel



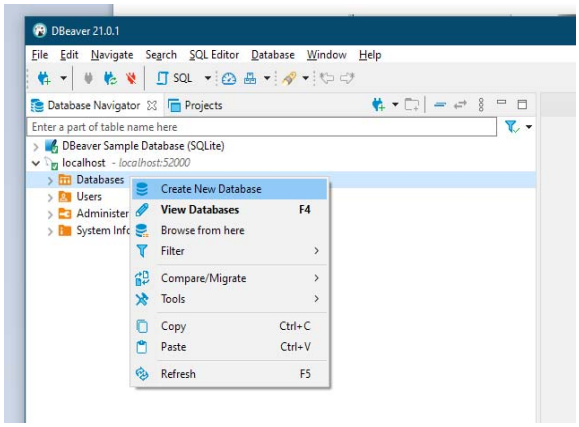
Change port to 52000

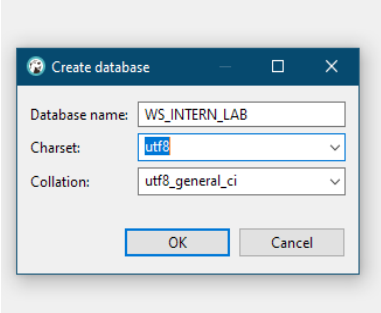
Enter password: password123



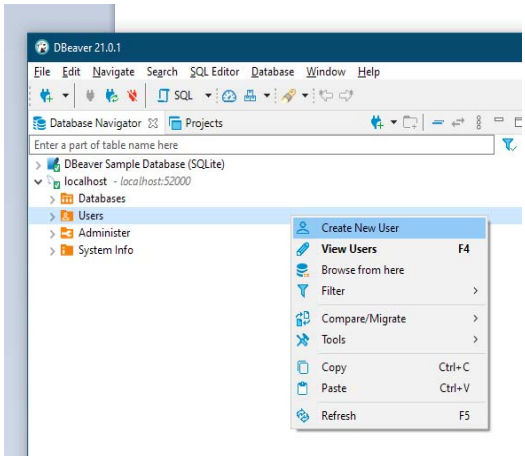
Click Finish

5. Create a New Database





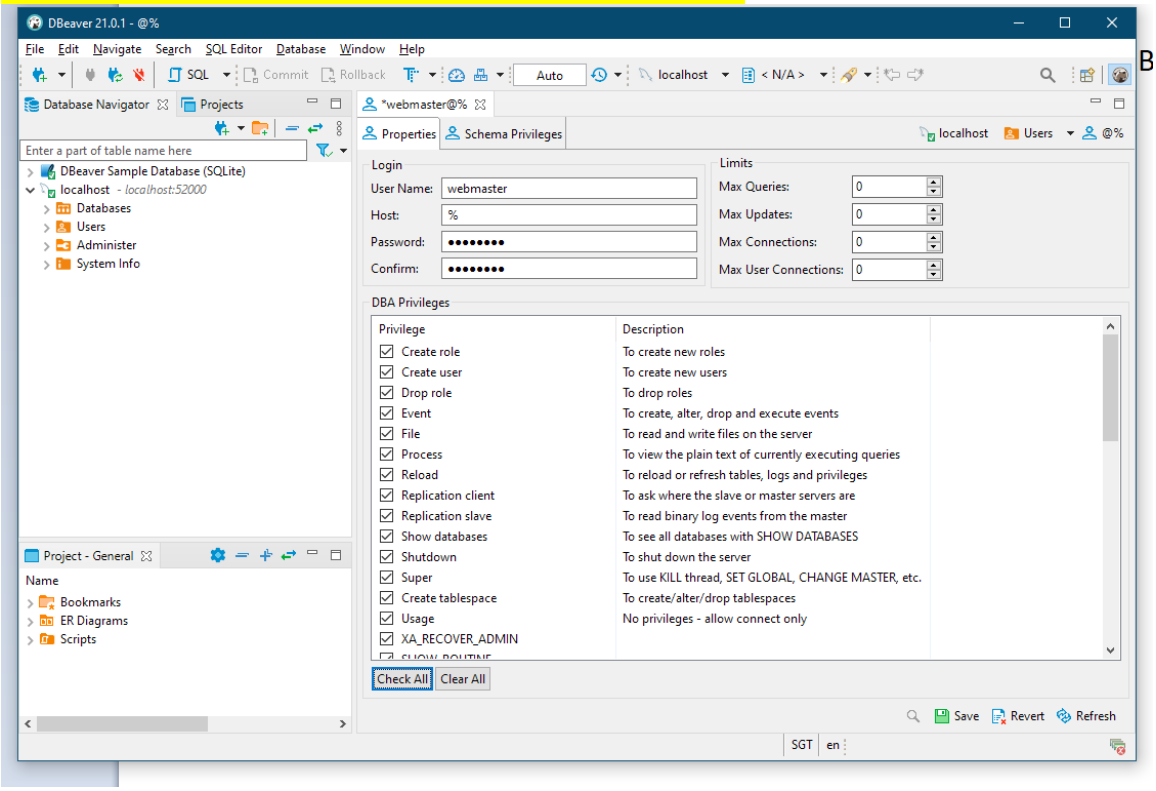
6. Add User and Grant Privileges to the WS_INTERN_LAB



User Name: webmaster

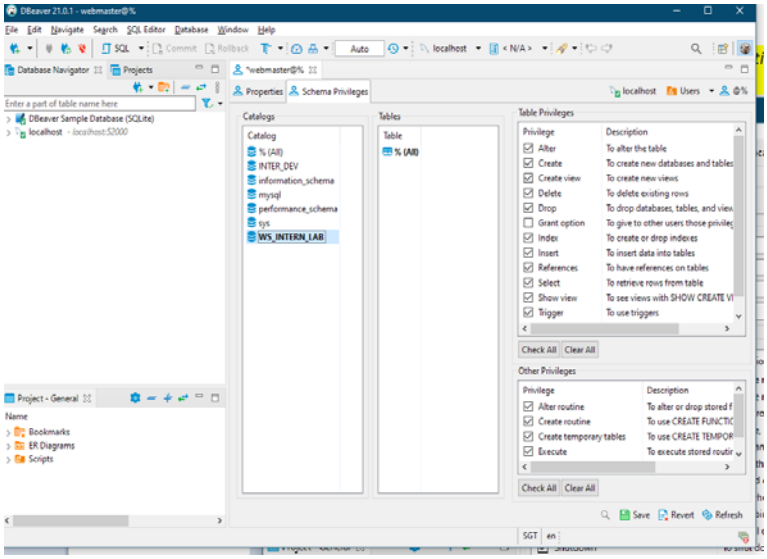
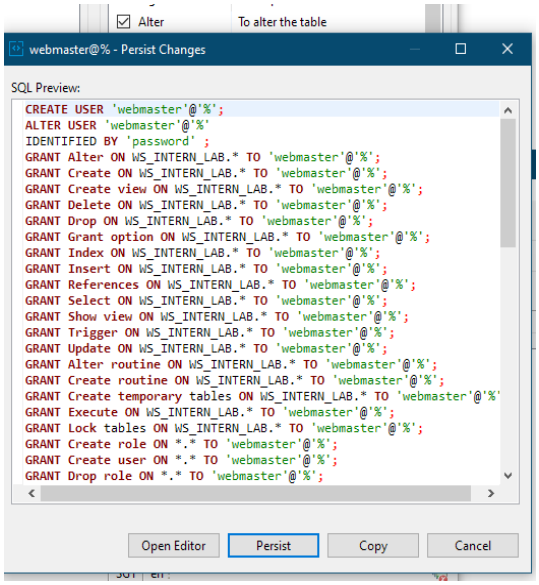
Password: password

Check All DBA Priviletges (Not recommended but for the sake of testing only)



Click Schema Privileges Tab and do the following

- Select WS_INTERN_LAB
- Check All
- Click Save



- Click Persist