Step 1: Tải docker image về

-> docker pull <image\_name:version>

Ex:

-> docker pull mysql

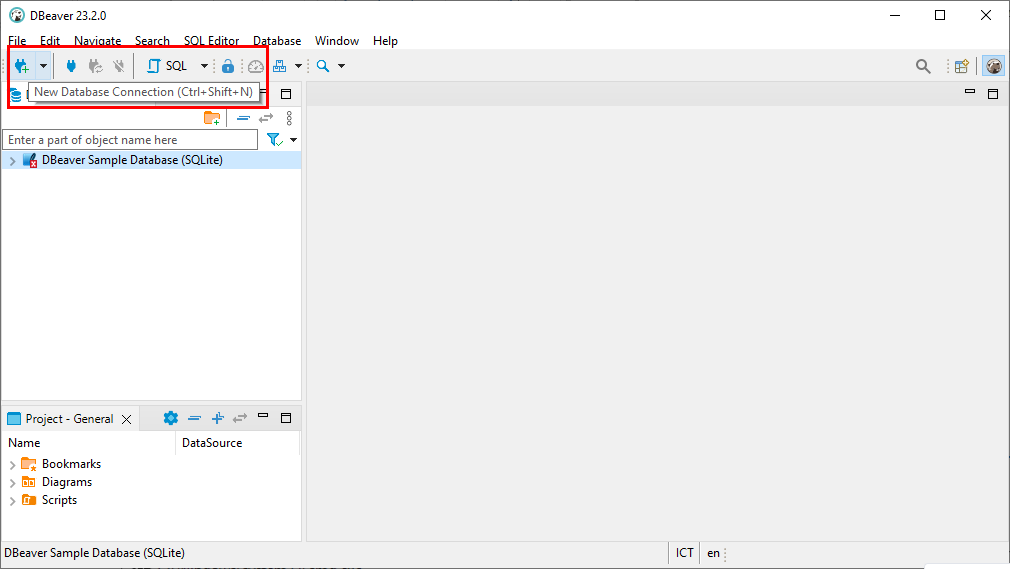
Step 2: chạy docker

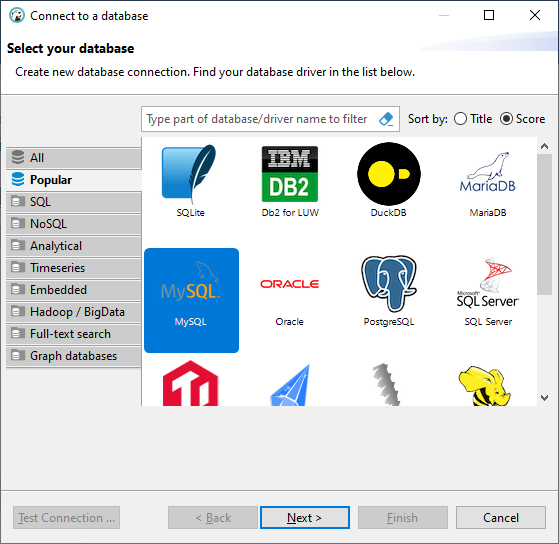
-> docker run –name <container\_name> -e ENV\_VAR=VALUE -d <image\_name:version>

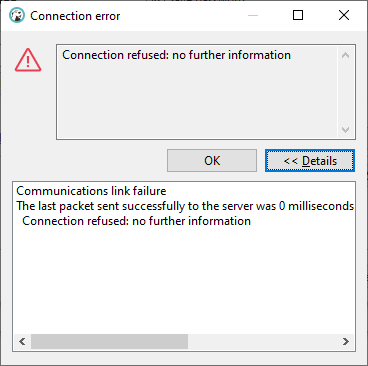
-d: detach nhả terminal của cmd để không bị chiếm dụng

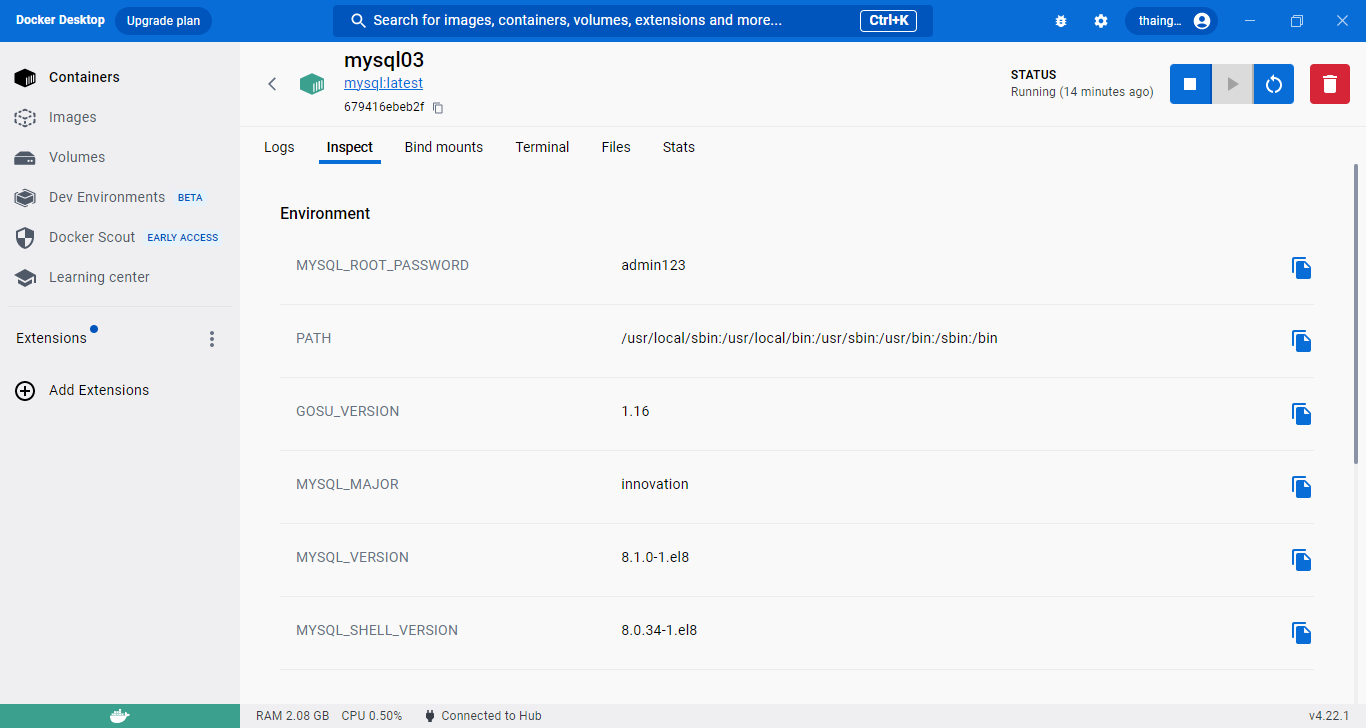
Ex: docker run --name mysql03 -e MYSQL\_ROOT\_PASSWORD=admin123 -d mysql:latest

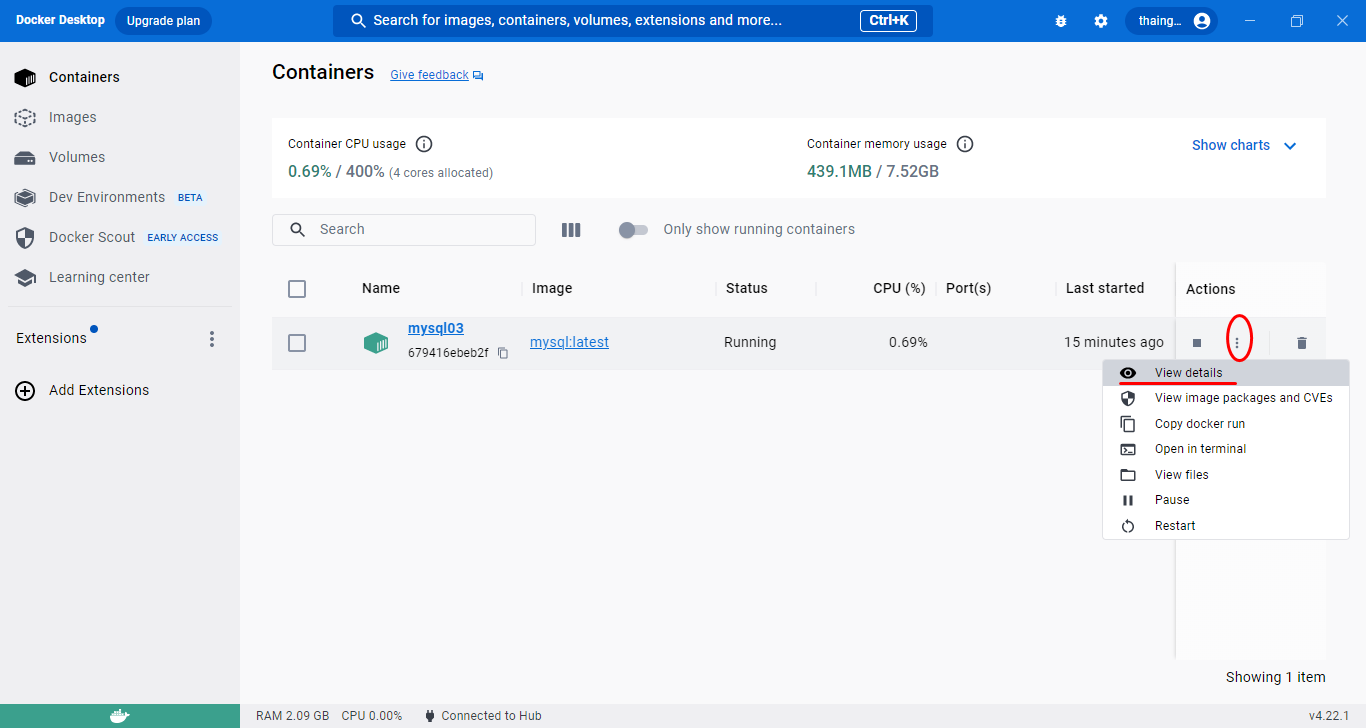
<https://dbeaver.io/?fbclid=IwAR0RT4LfwUGl8GJiIHMS1qggfJdYEz6t_NCgbbb3YqPHgFaMNWZuF6UTuHc>

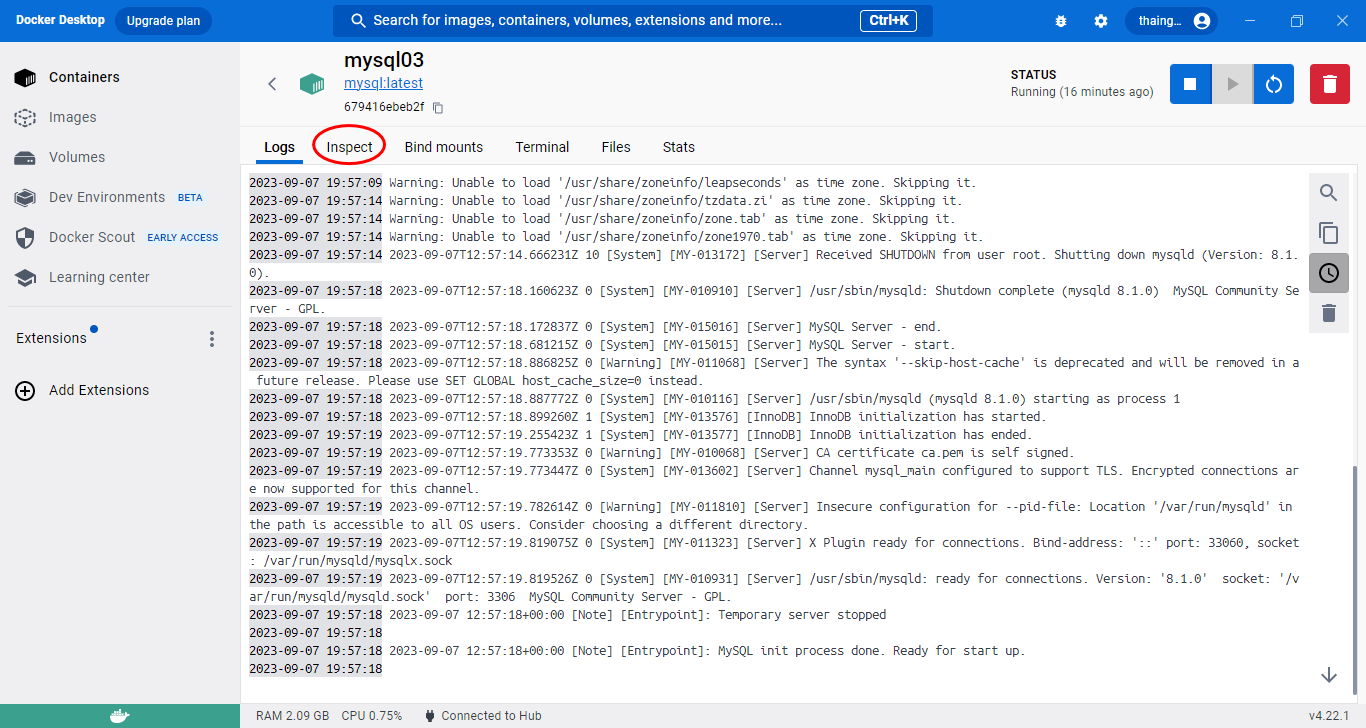


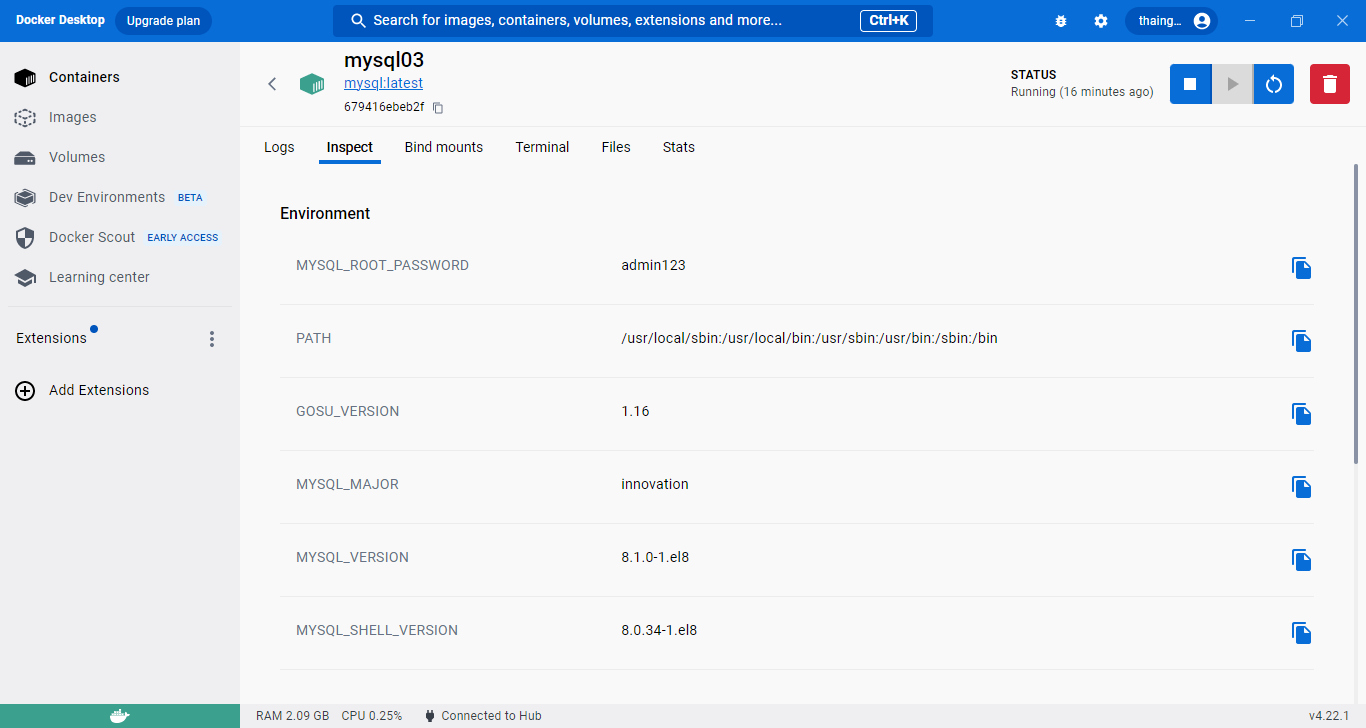












I have started docker MySQL and accessed bash shell inside my mysql container. I want to type "exit" command in bash shell but it did not work. Why ?

C:\Users\nguye>docker run --name mysql03 -e MYSQL\_ROOT\_PASSWORD=admin123 -d mysql:latest

679416ebeb2f04d900380071bf95836253387f784173966bf361f9bfbd0d3eb1

C:\Users\nguye>docker exec -it mysql03 bash

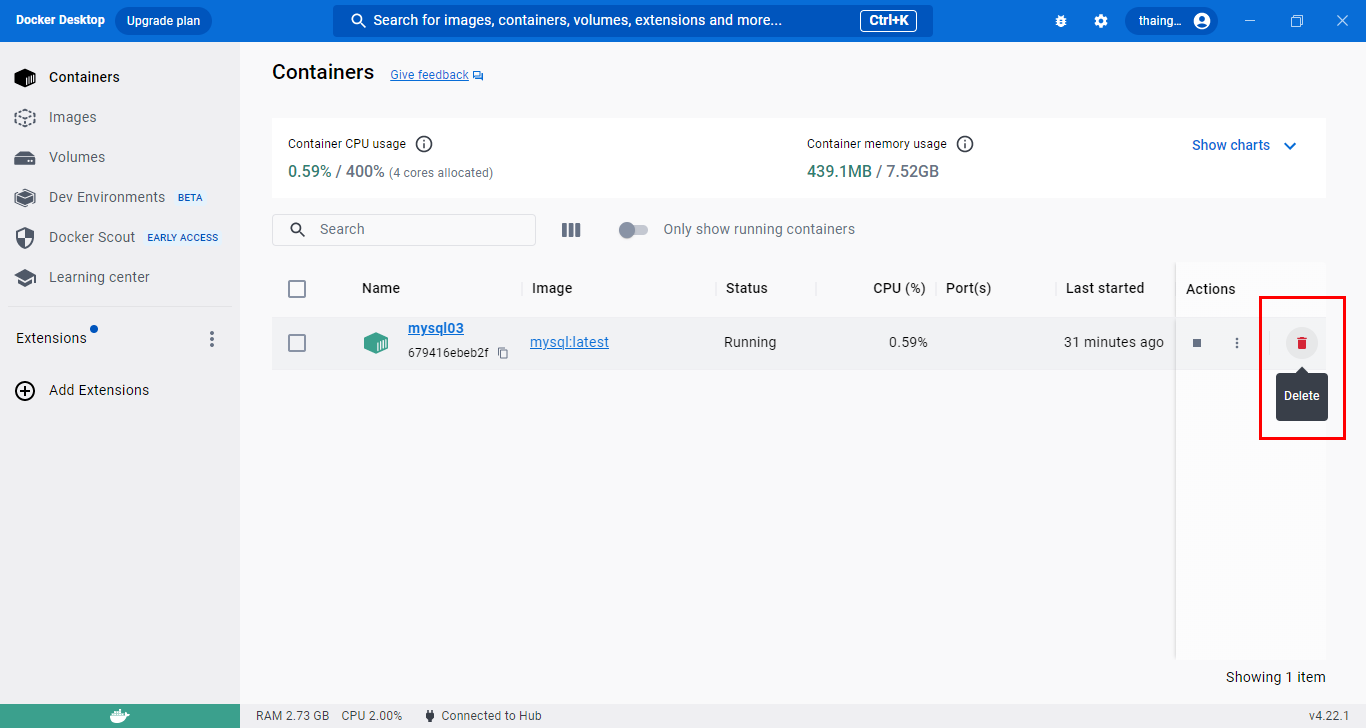
bash-4.4# exit

bash: $'\341\272exit': command not found

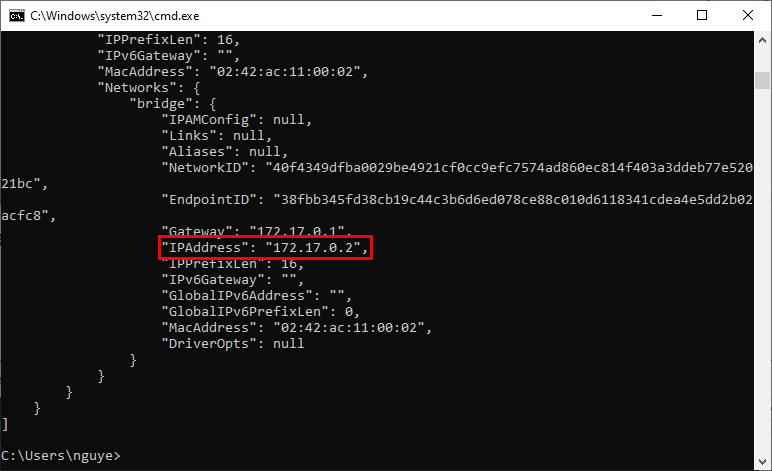
The reason why the exit command is not working is because you are trying to run it as a raw string. A raw string is a string that is preceded by a backslash (\). When you run a raw string, the shell does not interpret any special characters in the string. In this case, the \341\272 character is a control character that is not interpreted by the shell.

To exit the bash shell, you can use the following methods:

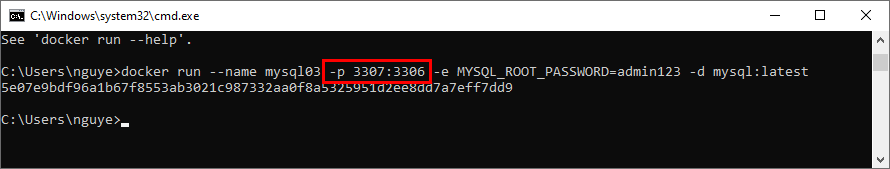
Press Ctrl+D.

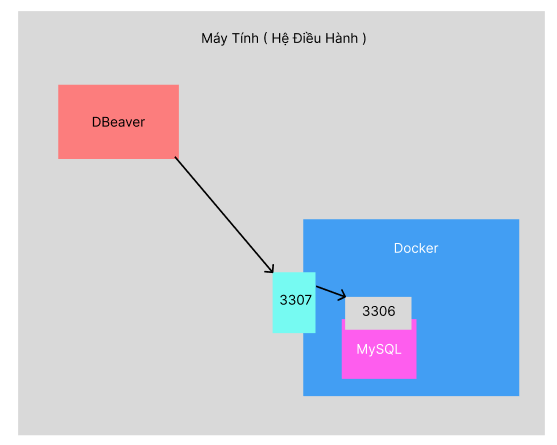


C:\Users\nguye>docker inspect mysql03

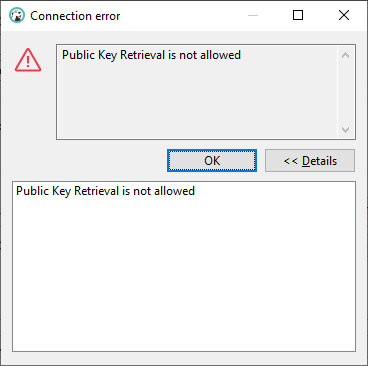


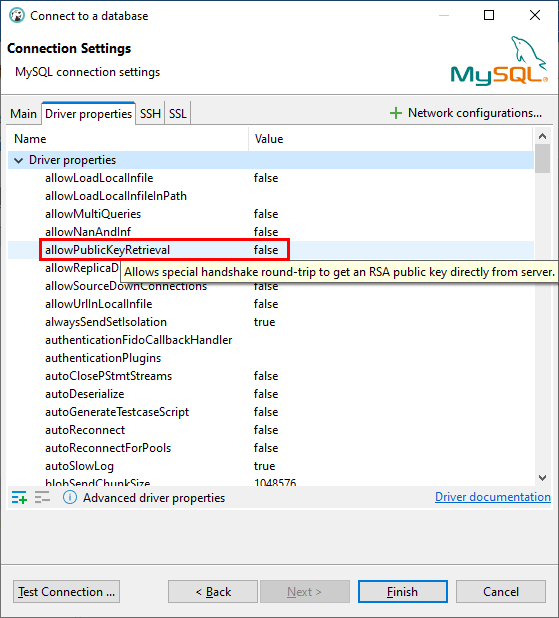
C:\Users\nguye>docker run --name mysql03 -p 3307:3306 -e MYSQL\_ROOT\_PASSWORD=admin123 -d mysql:latest

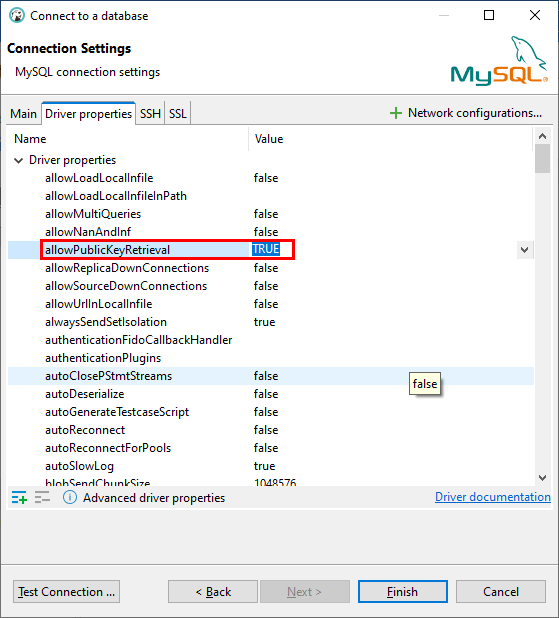


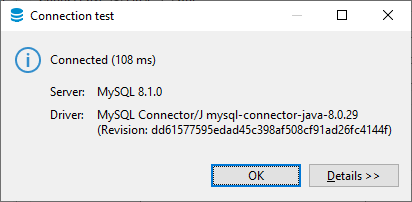


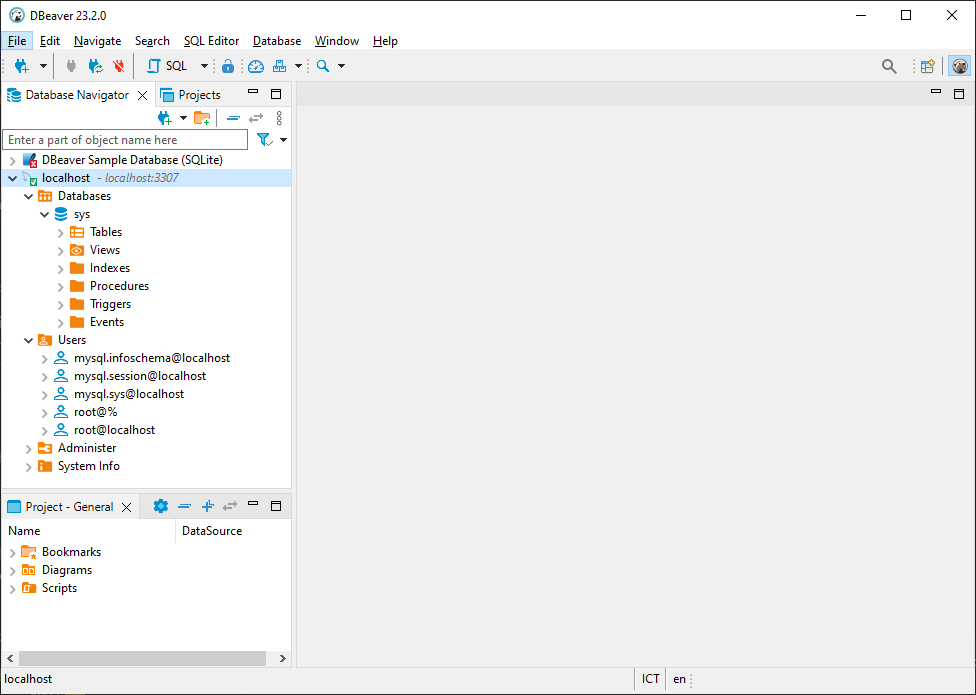
Cấu hình NAT port (giống như cấu hình camera ở router)

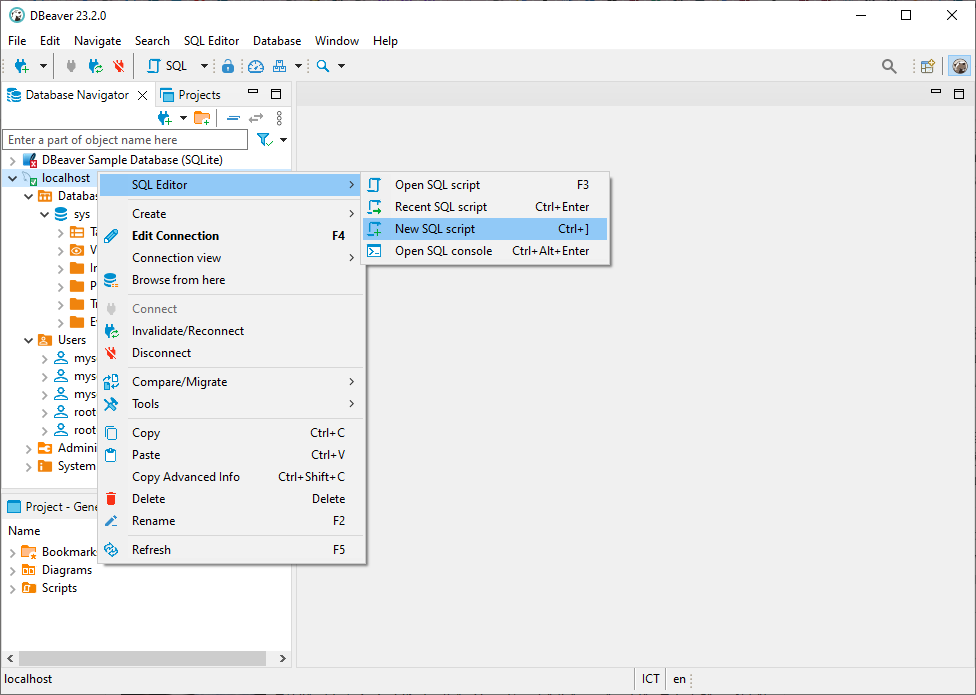


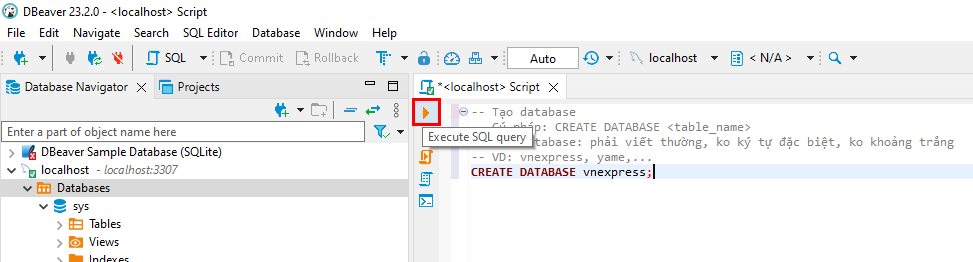


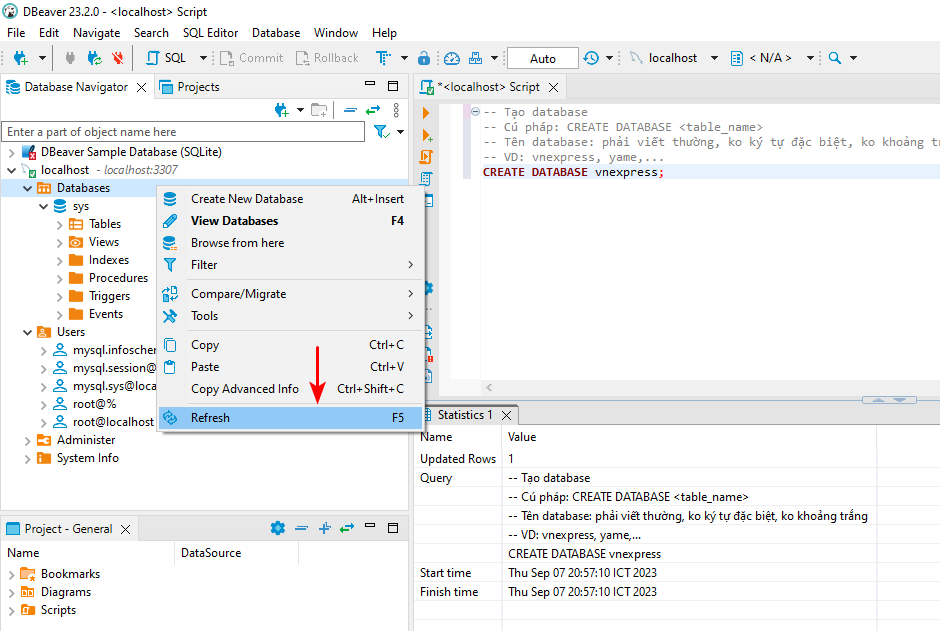


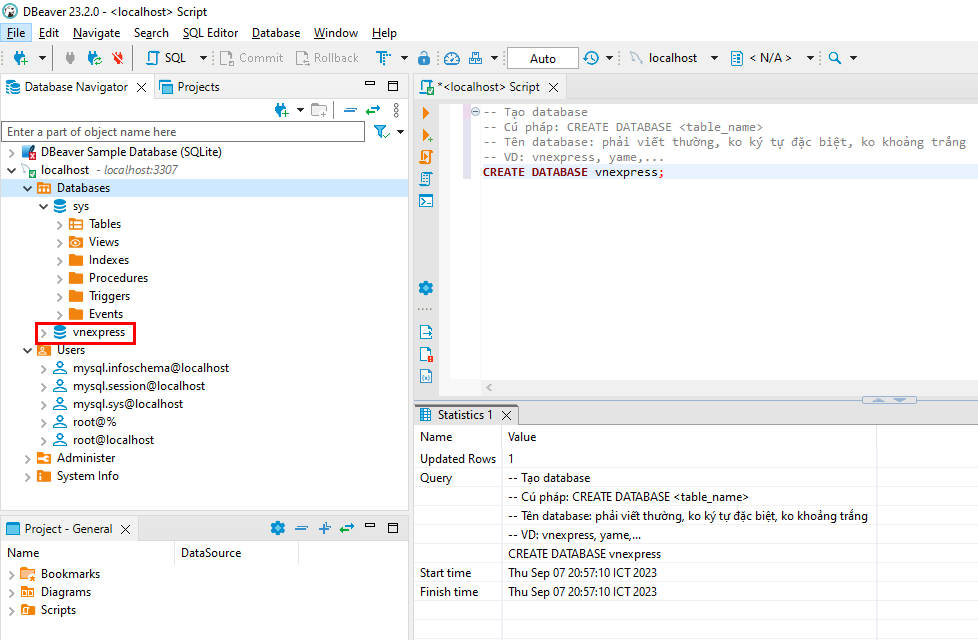


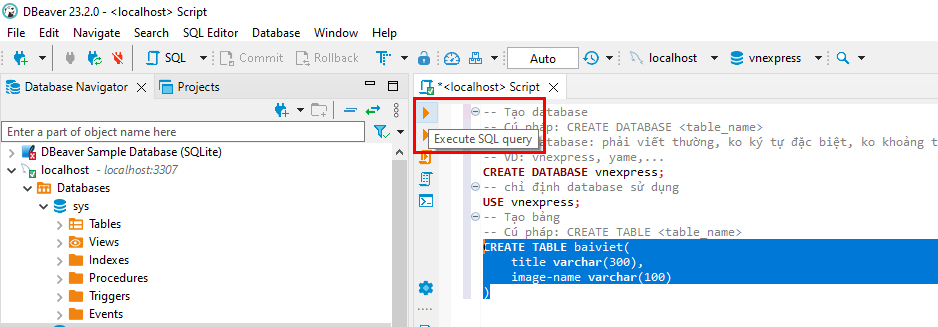


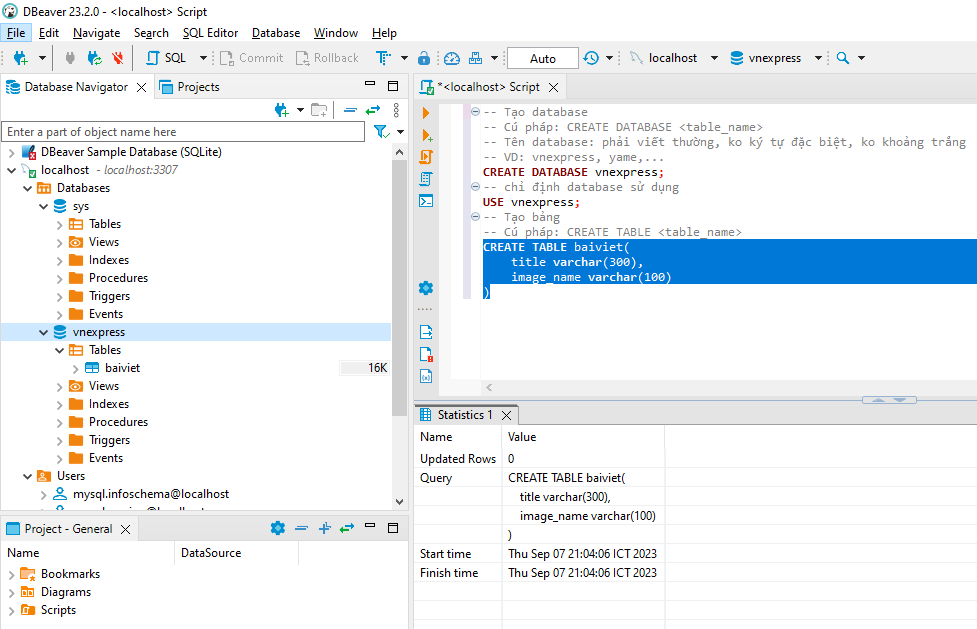


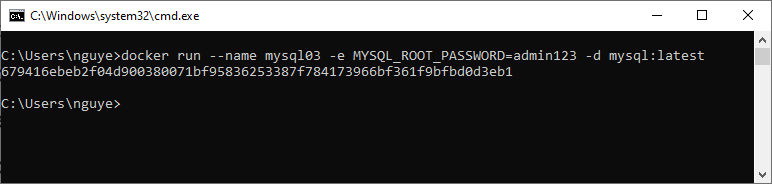


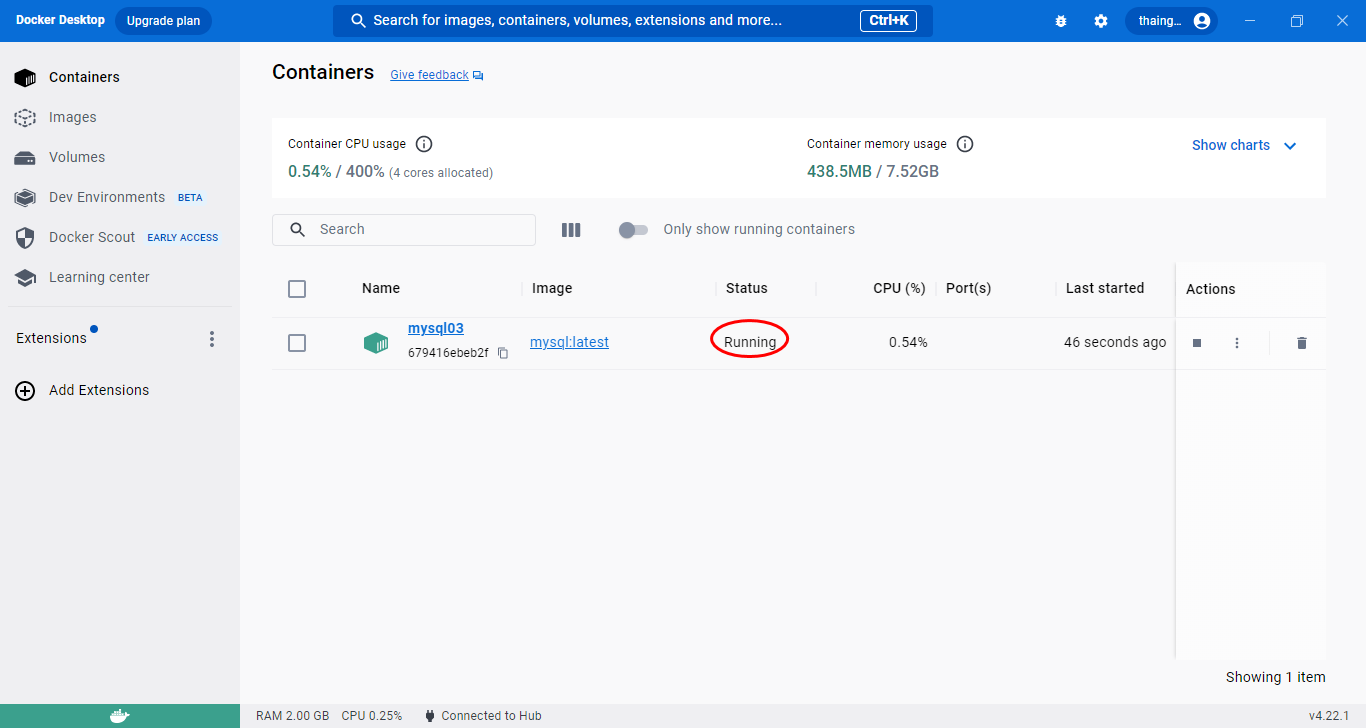


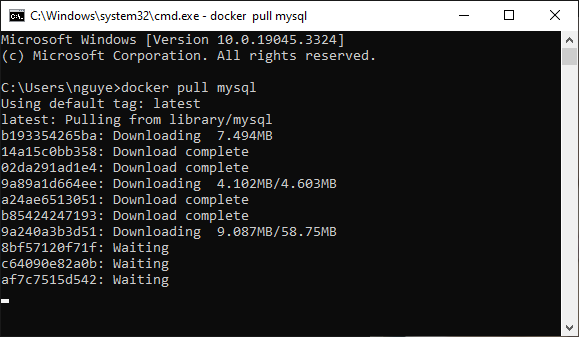


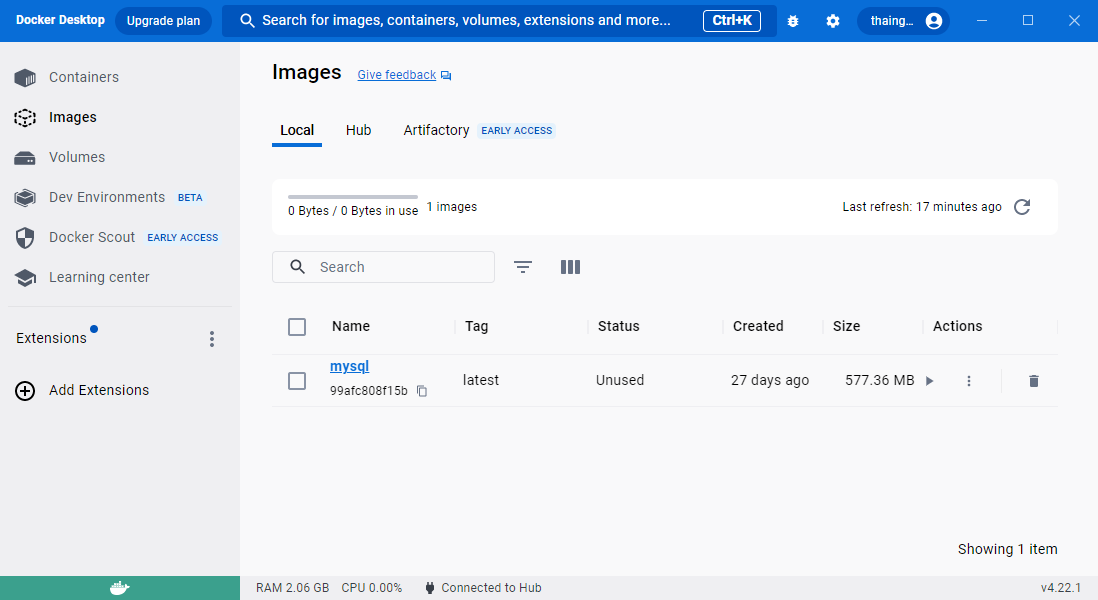






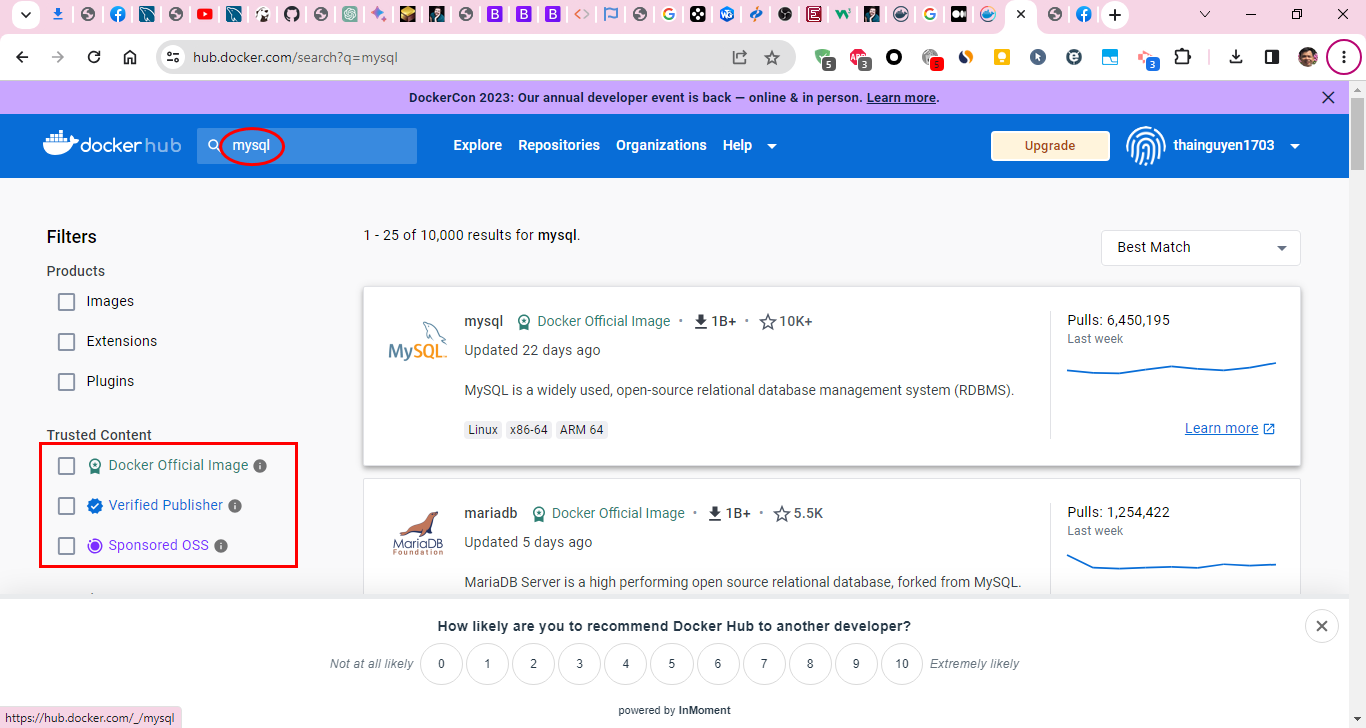




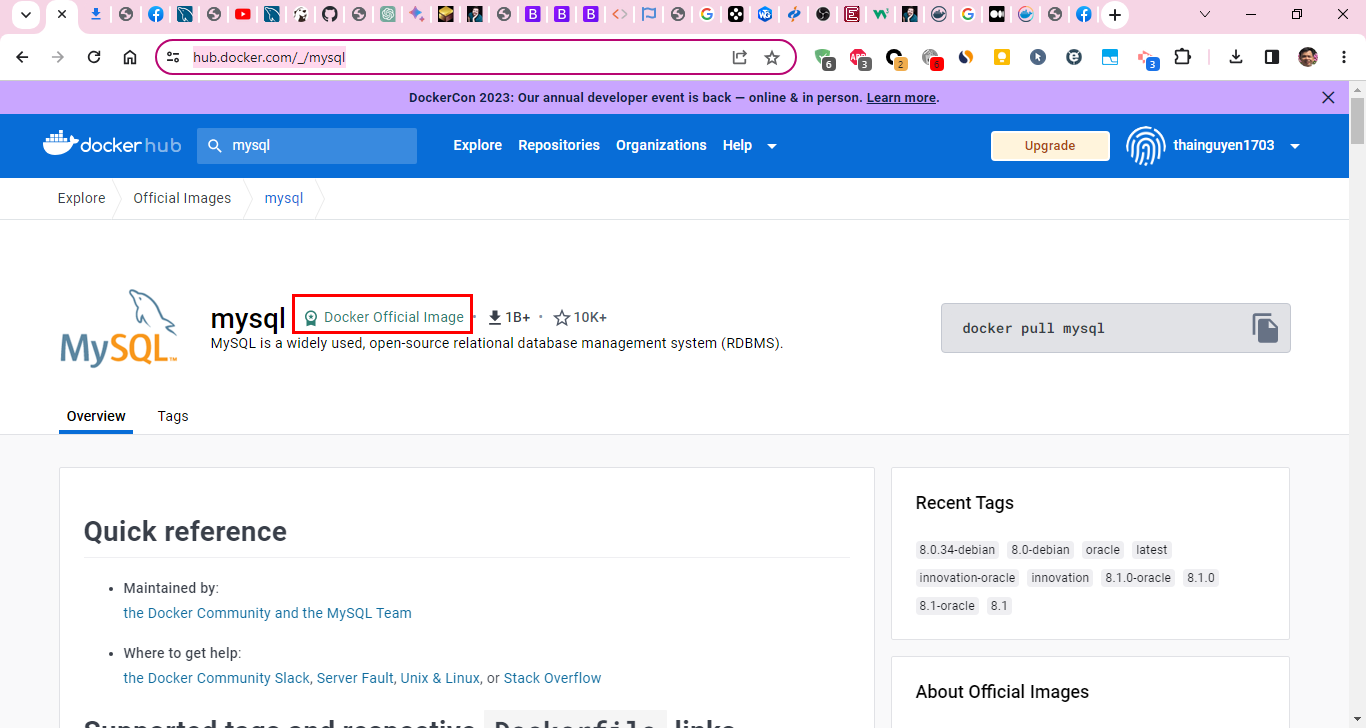


PostgreSQL thì backup data tốt hơn MySQL. Cả 2 đều free.

Tất cả image docker đều được lưu ở <https://hub.docker.com/>



<https://hub.docker.com/_/mysql>



**Start a mysql server instance**

Starting a MySQL instance is simple:

$ docker run --name some-mysql -e MYSQL\_ROOT\_PASSWORD=my-secret-pw -d mysql:tag

... where some-mysql is the name you want to assign to your container, my-secret-pw is the password to be set for the MySQL root user and tag is the tag specifying the MySQL version you want. See the list above for relevant tags.

MYSQL\_ROOT\_PASSWORD=my-secret-pw: environment variable (biến môi trường)

