MariaDB installation tutorial (Windows)
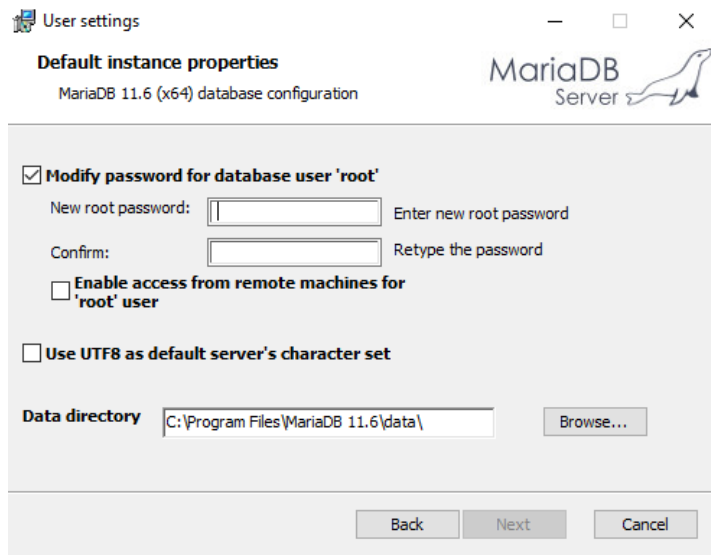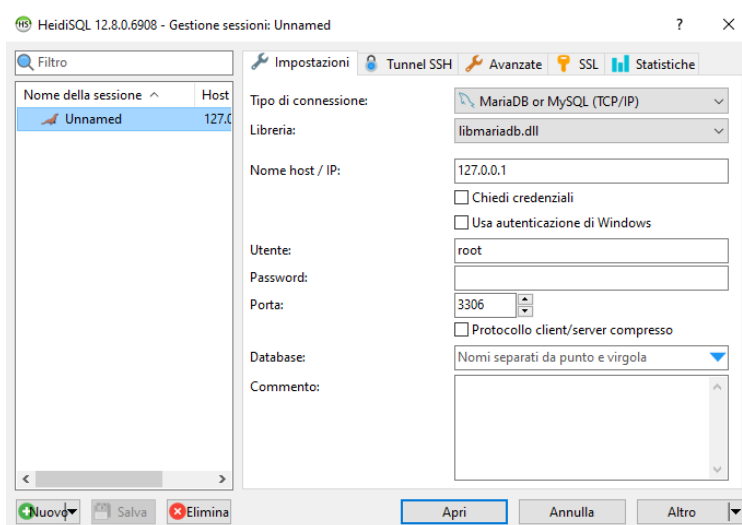
- Install MariaDB from <u>here;</u>
- Run the executable;
- When you get to this screen type 'root' as password and leave everything unchanged.
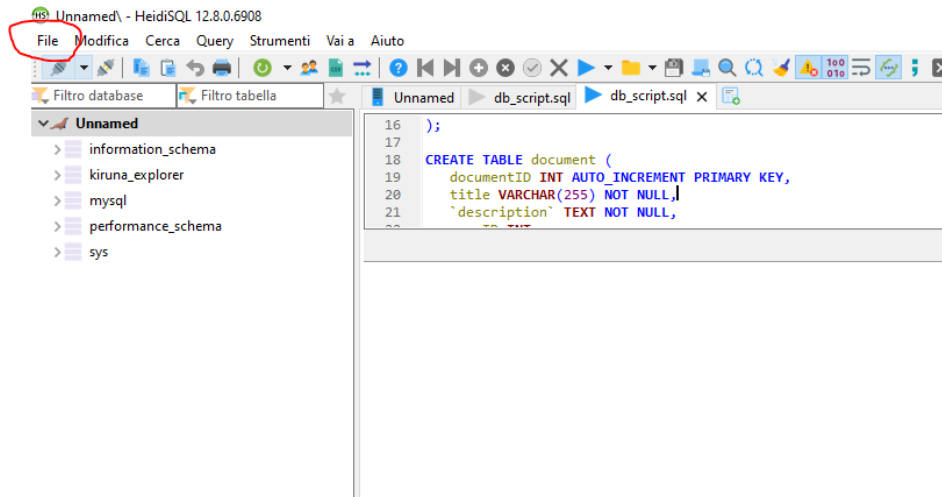

For now we use 'root' as password just to have one unique password because the database is local;

- Continue installation leaving all the options unchanged;
- Now on your desktop should appear a program called HeidiSQL. It is the default IDE for interacting with MariaDB. Open it and insert the password leaving everything unchanged, then click on open;

- Once the connection is established click on "File > Load SQL file" in the top left corner and load the two script, one at a time, that you can find <u>here</u> then run them with the play button;
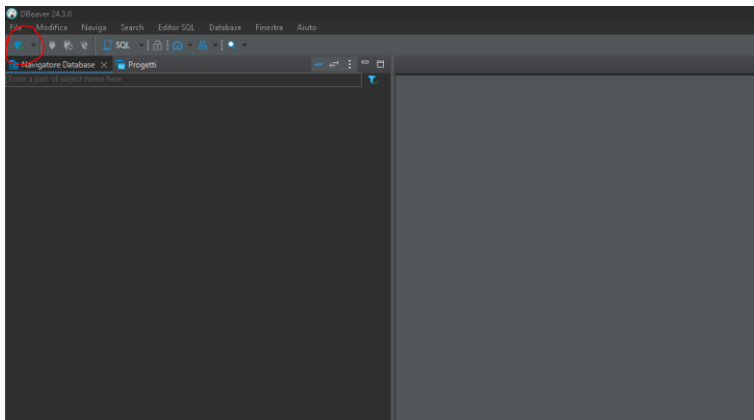

That's it, now everything should work fine. Thank you for the reading!

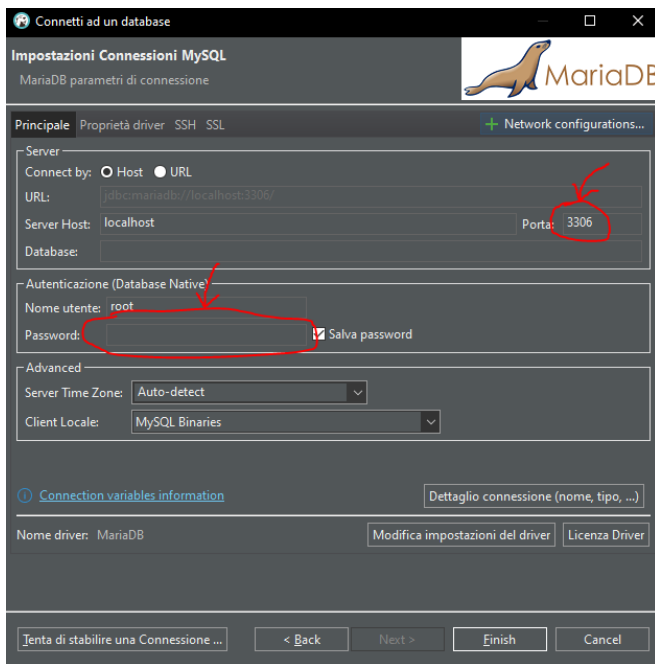# MariaDB docker installation tutorial (Windows & MacOS)

- Download and install docker from <u>here;</u>
- Clone the repository from <u>here</u> ad checkout to the dev branch;
- From the terminal go to this folder in the project: se2-10-Kiruna-eXplorer\code\server\src\db;
- In the terminal execute **docker-compose up –d** <u>be sure that you have your .env file placed in the server folder, this is very important. Also be sure that Docker is running;</u>
- Once the execution of the command is finished go to docker desktop containers and there should be the database container running;
- For a good IDE HeidiSQL is not an option on MacOS sadly but you can download a good alternative called DBeaver from <u>here.</u>

- To run scripts on DBeaver firstly you have to create a connection to the database:

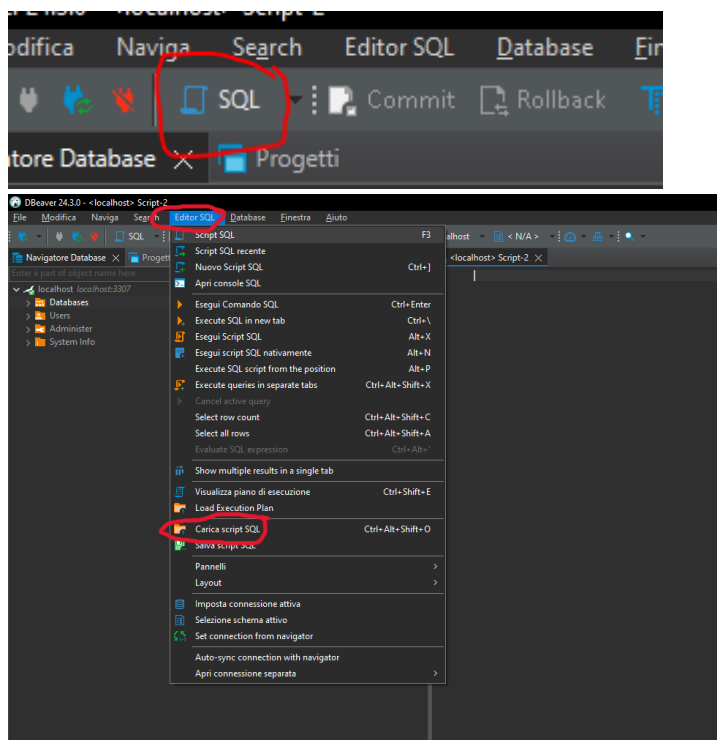 Type mariadb in the searchbar and click on next;

- Here this window should be displayed:

  Port: put 3307

  Password: the value you put for MARIADB_ROOT_PASSWORD in your .env file;

- Now you should be connected to the docker database, from there click on SQL in the toolbar and on SQL Editor>Load SQL:

Load before the database creation script and then the population script you like the most. If you use the real population script please use it on a fresh db creation, otherwise the zoneIDs will be messy.

That's all thank you for the reading!