Refugee Bnb – Installation

Thank you for trying out Refugee Bnb. Follow these simple steps to set up the system and test it out.
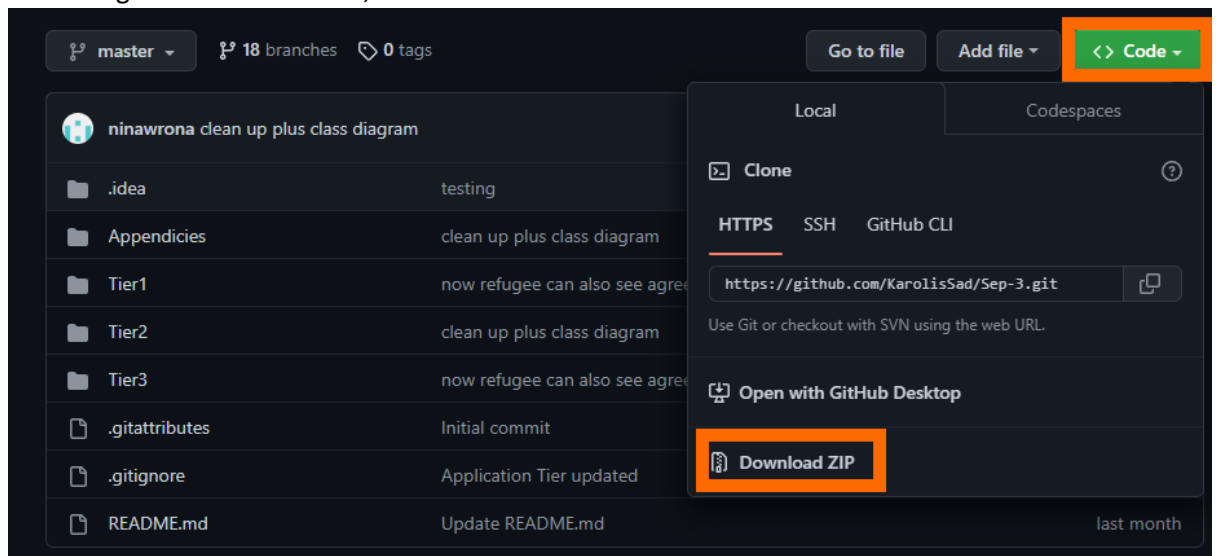
Pre-requisites:

To install and run this version of Refugee Bnb you will need the following:

- JetBrains IntelliJ installed on your computer
- JetBrains Rider installed on your computer
- PostgreSQL installed on your computer
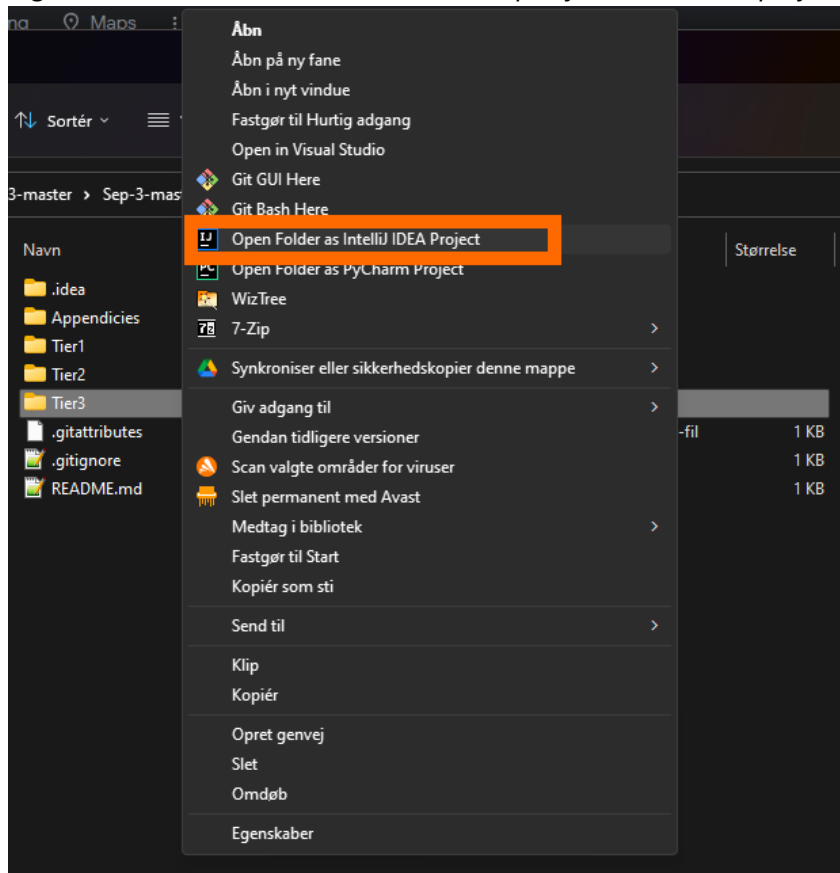- An internet browser

Download sources:

- Follow this link to find the source code: GitHub
- Click the green *"Code"* button, and click Download ZIP

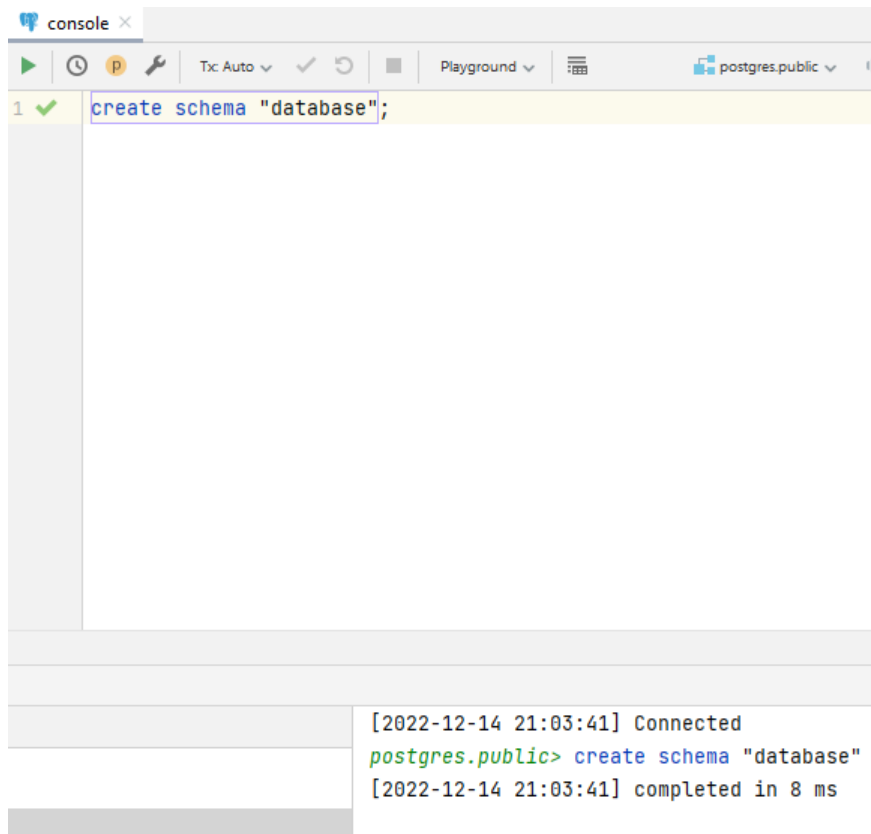- Unpack the archive to a folder of your choosing

Database setup:

- Right click the *"Tier 3"* folder and select *"Open folder as IntelliJ project"*.

- Click the "*Database*" button on the right side of the screen in *IntelliJ*
- Press the *"New"* button in the upper right corner of the window that opens up
- Select "*Datasource*" and then "*PostgreSQL*" in the menu
- You will now be greeted by the following screen
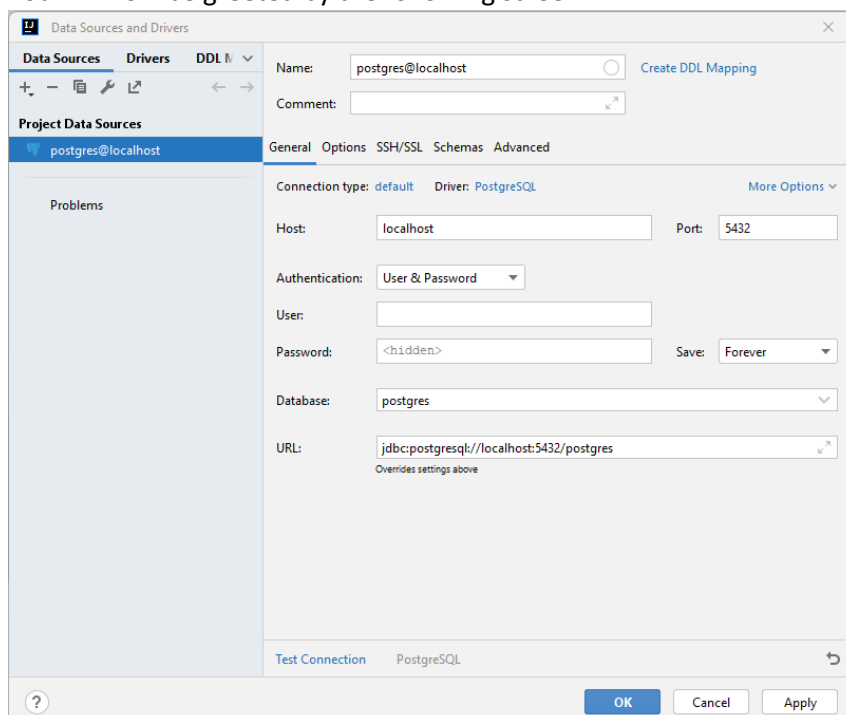
- In the *"User"* field, type in *postgres*
- In the *"Password"* field, type in your personal PostgreSQL password.
- Press *"Test Connection"* in the lower left corner of the window to test your connection. After that, click apply.
- In the console tab that opens, type in: *create schema "database";* and click the green *Execute* button. It should look like this afterwards

- In the project view in the left side of the screen, navigate to: *"Tier3/src/main/ressources"* and open the file *application.properties*.
- Edit line 7 of this file, *##YOUR PASSWORD HERE##* to be your personal PostgreSQL password instead.

Running the back-ends:

- In IntelliJ, click the green *Run* button in the top right corner of the screen to run the data tier
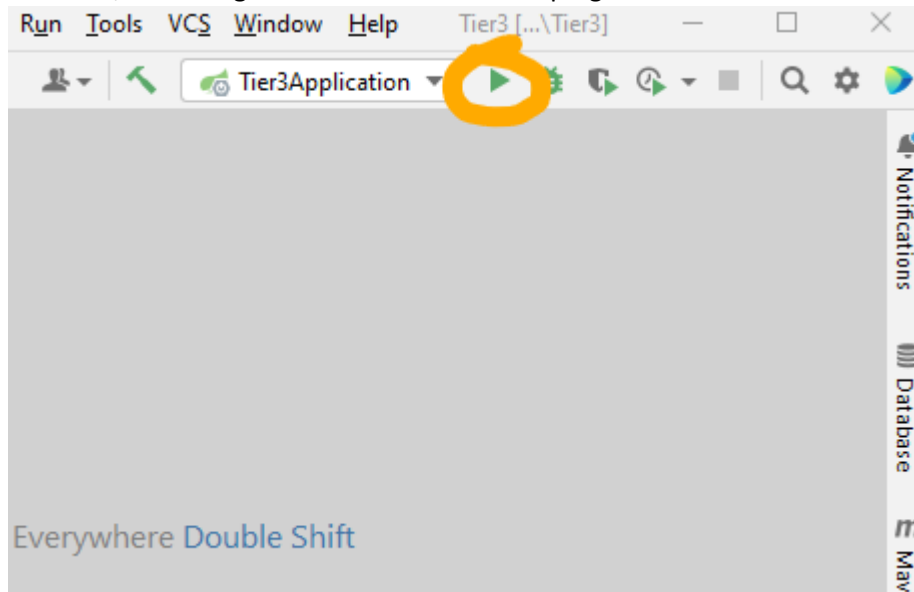
- With the data tier running, go to the folder where you unzipped the source-code and open tier 2 the same way you did tier 3 (right click the folder and choose "*Open folder as IntelliJ project*")
- IntelliJ should now ask you where you would like to open the project: Select *"New Window"*.
- Run the Tier2 project like you did for Tier3 (click the green *Run* button in the top right corner of the screen)
- With both IntelliJ projects running, open JetBrains Rider and from the menu, select *"Open"*.
- In the window that opens, navigate to the folder where you unpacked the archive and select the folder called *Tier1* and press *Select Folder*.
- In the upper right corner of the screen, click the green *"Run"* button as you did in IntelliJ
- Now all three tiers are running, and you are ready to try the system.
- After you run Tier1, it should automatically open in your default browser. If it does not, or if you want to use a different browser, simply enter the following in the address-bar: localhost:7073