

This is how to run the family map server.

To run this:

1. Extract all the contents to a folder on your machine.

NEXT DO ONE OF THE FOLLOWING:

2ai. Open a terminal, and **go to the folder where the extracted contents reside.**

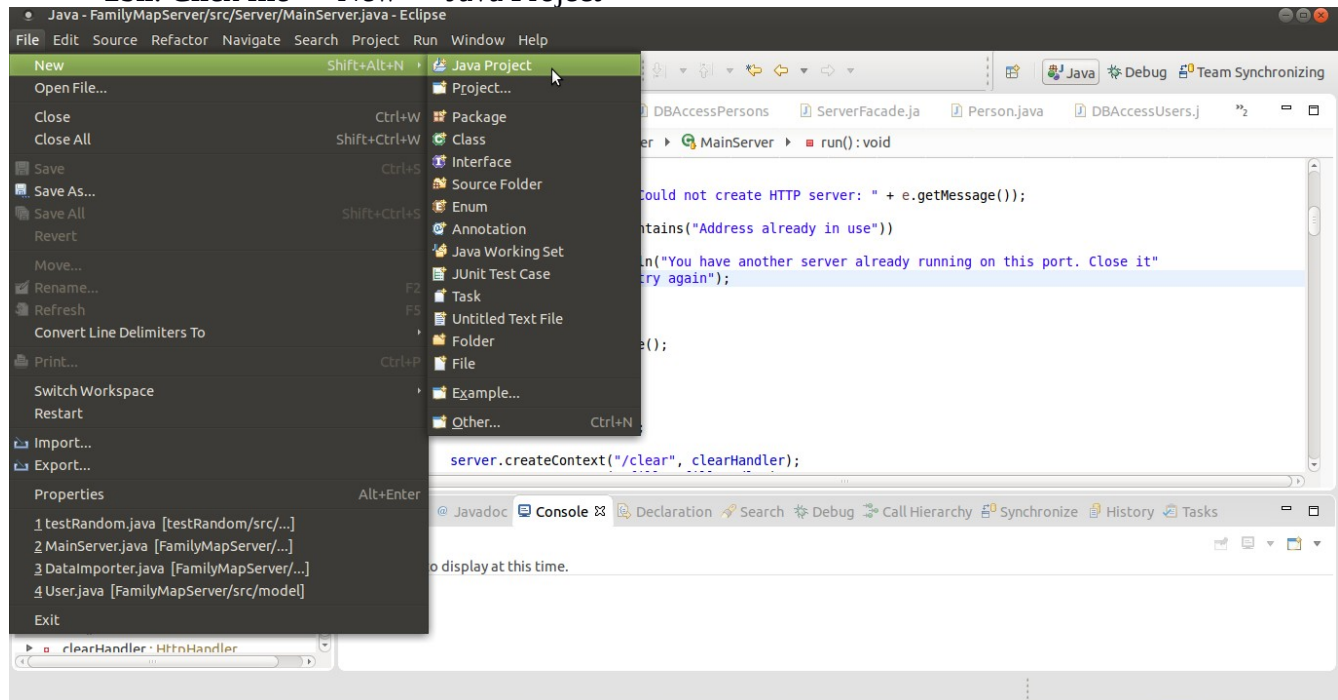
2aii. Run in the terminal "java -jar FamilyMapServer_v*-*.*.jar #####" (Where * is the rest of the file name of the jar file and ##### is any port number you choose (usually 8080 or something similar)).
EG: java -jar FamilyMapServer_4-4.jar 8080

2aiii. In your favorite Internet browser go to localhost:#### (remember ##### is the port you used when starting the server in 2aii.) and you should see the server's landing page.

OR YOU COULD DO THIS

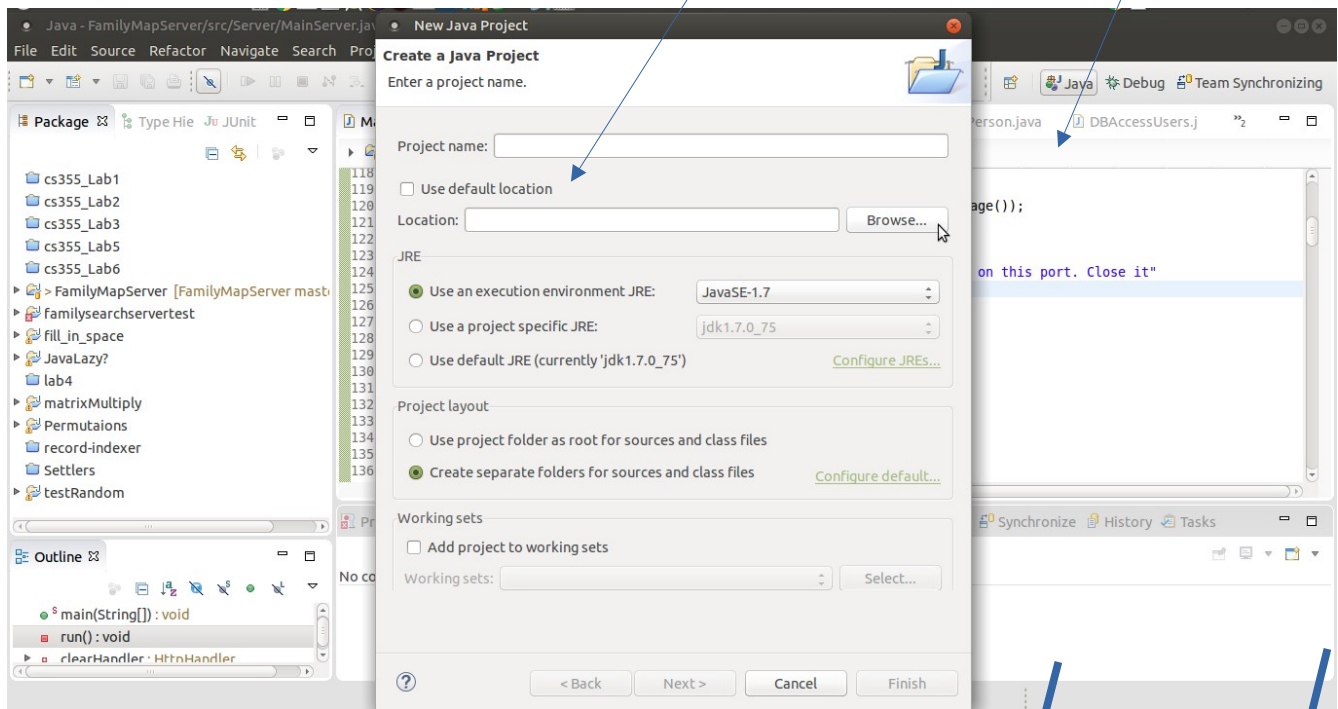
2bi. Open eclipse

2bii. Click file → New → Java Project



2biii. De select “Use default location”

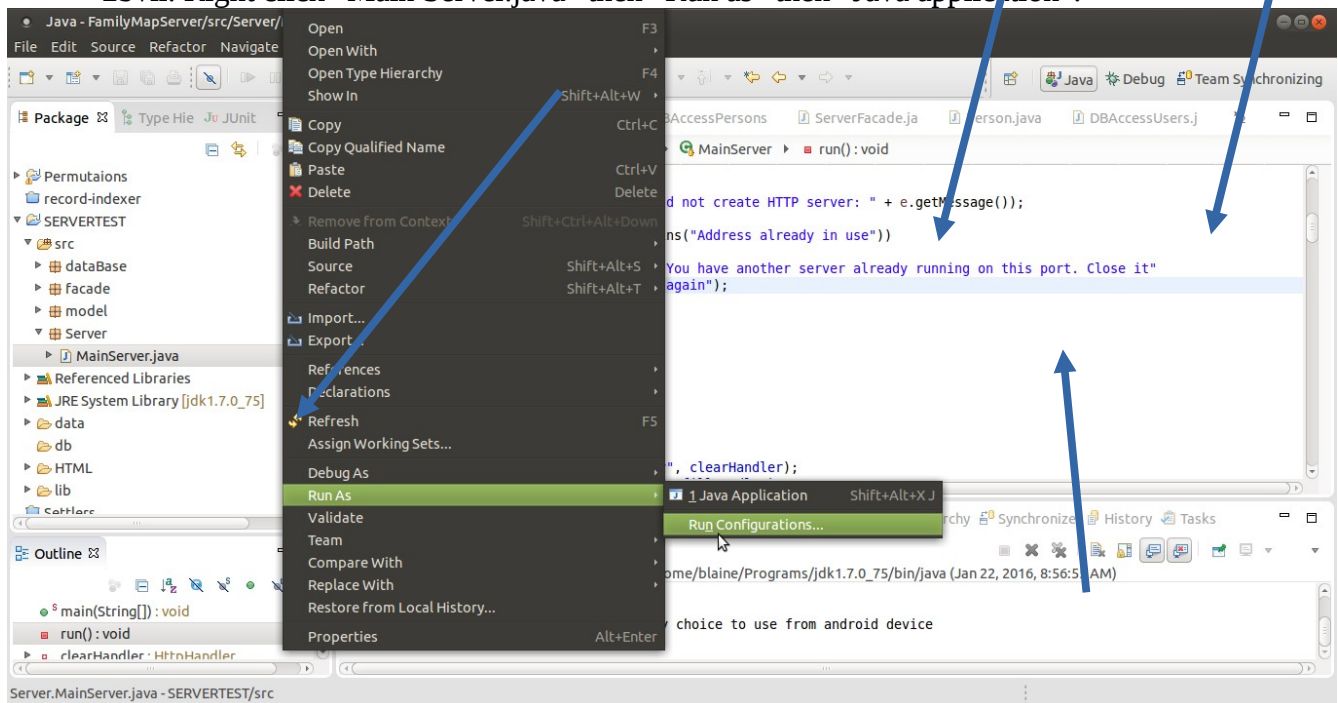
2biv Click browse. Go to the folder where you extracted everything.



2bv. Click Finish.

2bvi. The server should now be a project in your workspace. Open the project, open the src folder, and open the Server package.

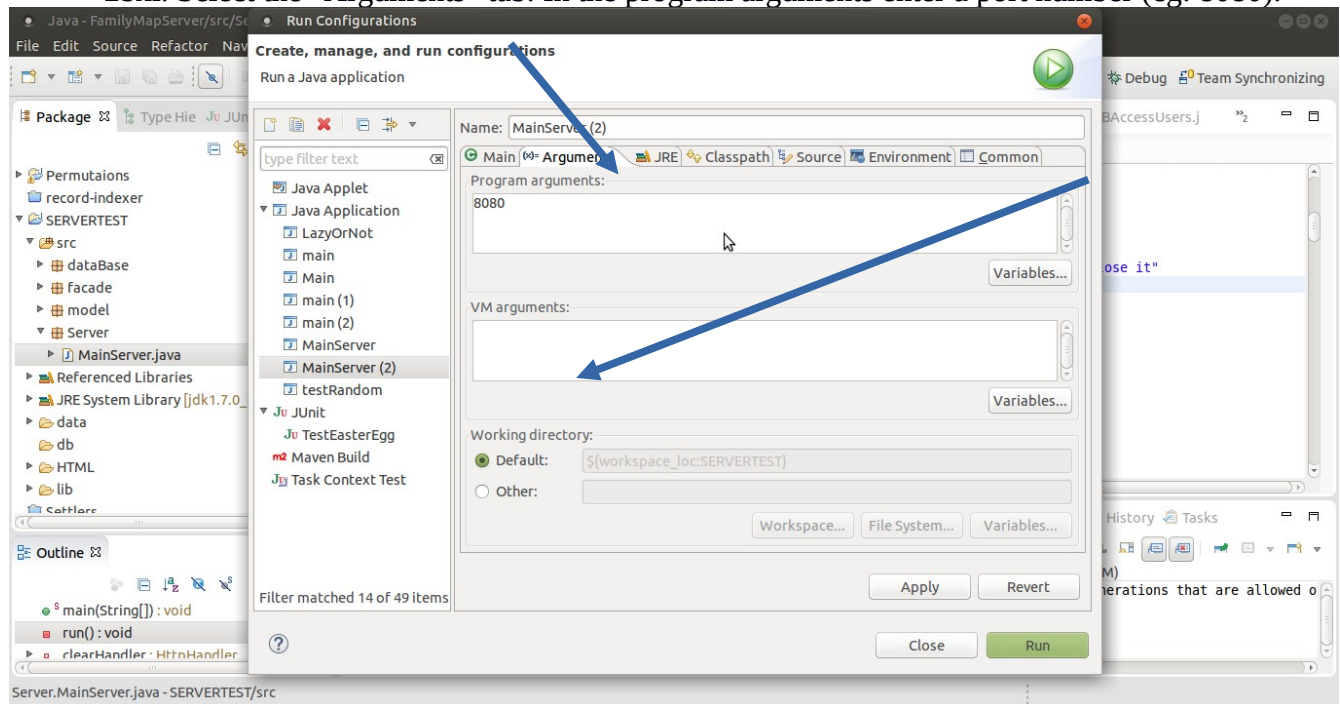
2bvii. Right click “Main Server.java” then “Run as” then “Java application”.



2bviii. It is very likely an error will occur because there are no program arguments. Again right

click “Main Server.java” then “Run as” then “Run configurations”.

2bxi. Select the “Arguments” tab. In the program arguments enter a port number (eg: 8080).



2bx. Click run. The server should now be running on port you entered.

2bxi. In your favorite Internet browser navigate to localhost:#### and you should see the server's landing page.



← This is the Family Map server used to power the Family Map Android app.

The web API that will be used is described below. Some of the APIs require a request body to be sent (namely "/user/login" and "/user/register"), while others require an Authn (received at login). To view the JSON format required for "/user/login" and "/user/register" simply click on the link below and look in the request body. To try out an API, click It will fill the boxes below with the data to be sent with the request. Edit the data as needed and click Submit.

- [/clear/](#) This API will clear ALL data from the database, including users and all generated data. This API can be run from a browser by simply typing it in the address bar or by clicking by pressing the Submit button below. No authorization token is required.
- [/fill/\[username\]](#) This API will fill the server's database with fake data for the specified user name. The "username" parameter is required and must be a user already registered with the any user name you choose. If there is any data in the database associated with the given user name, it is erased. This API can be run from a browser by simply typing it in the address: the link: fill in the details, and clicking submit). No authorization token is required.