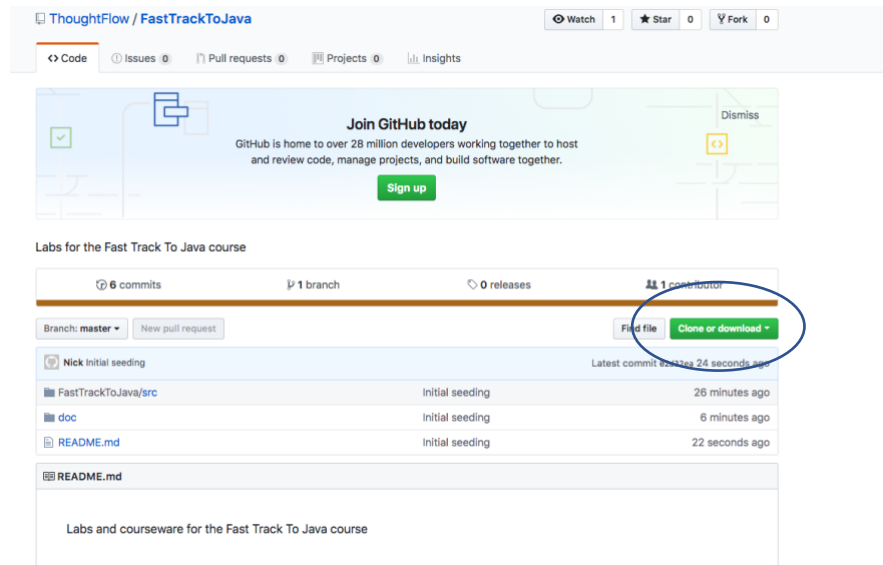


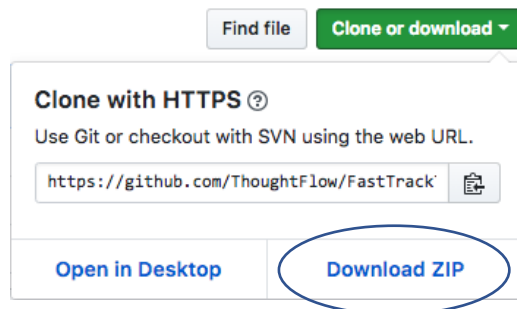
Creating the IntelliJ project

These instructions are for creating IntelliJ Java project.

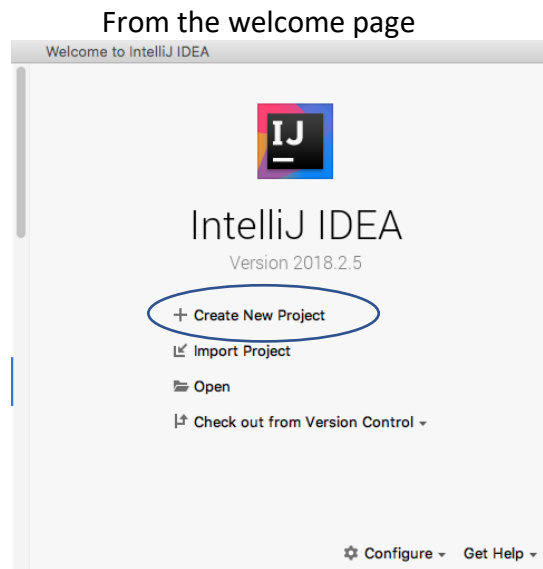
1. Fetch the source code at <https://github.com/ThoughtFlow/FastTrackToJava>
2. Select “Clone or download”



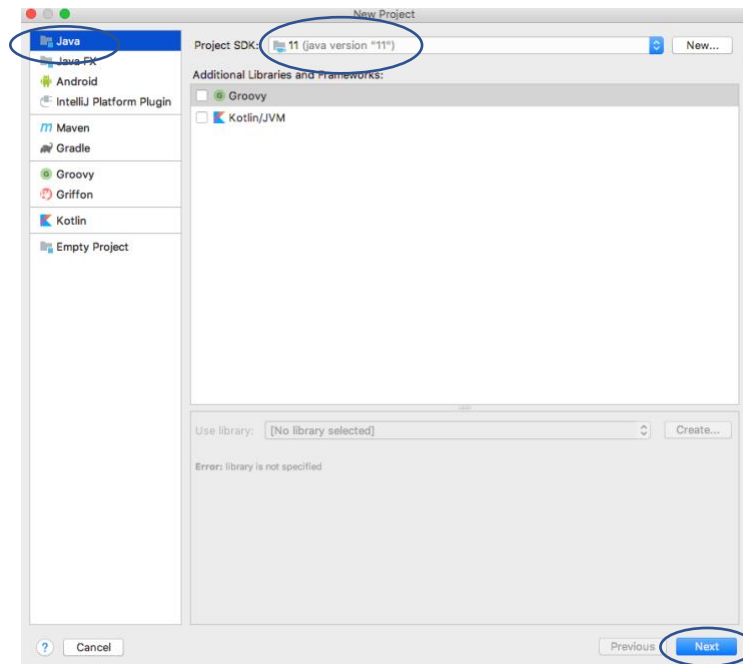
3. Select “Download zip”. This will create a folder named “FastTrackToJava-master” in your download folder. Unzip the folder.



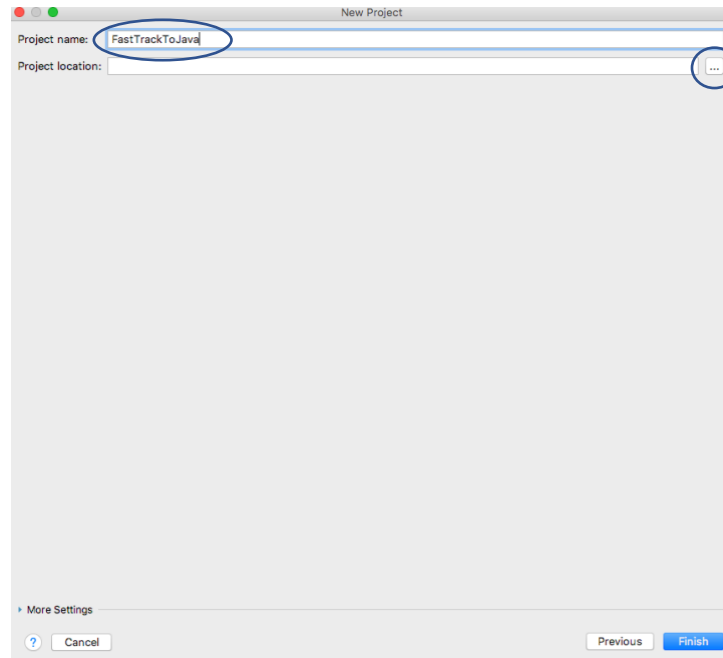
4. Start IntelliJ and select “Create New Project” from the welcome page or from File | New | Project ...



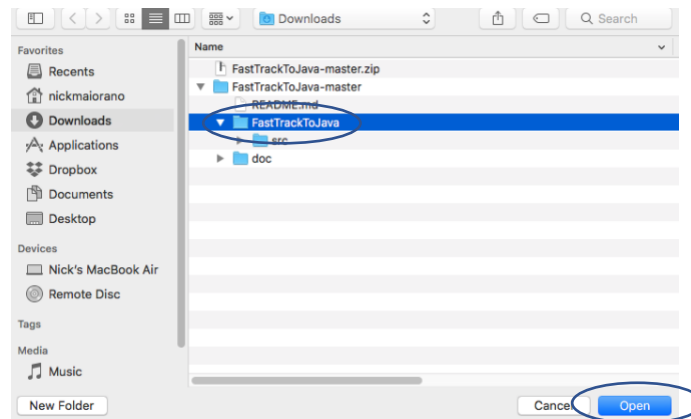
5. Select Java. Make sure the project JDK is 11. Press next until the project name screen.



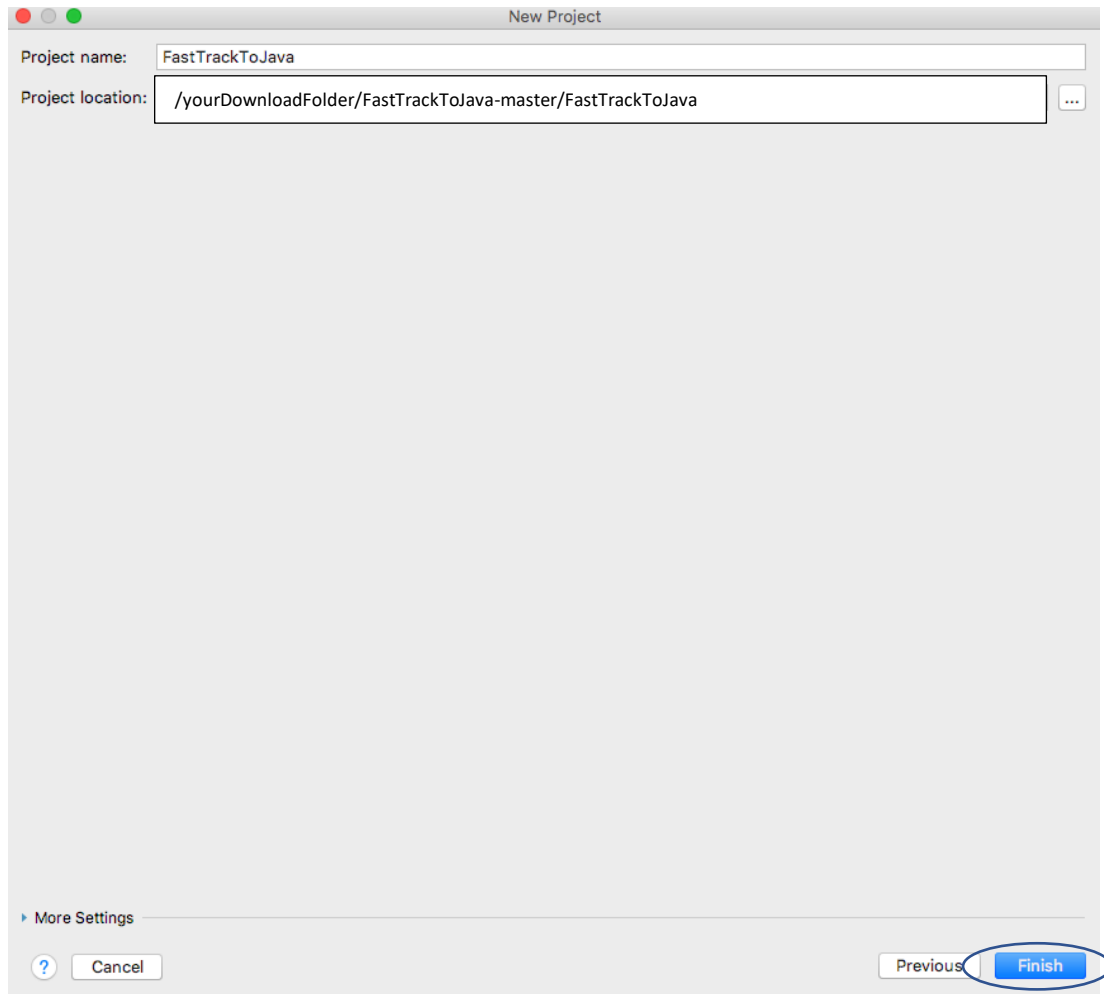
6. Enter FastTrackToJava as the project name. In the project location field, select ...



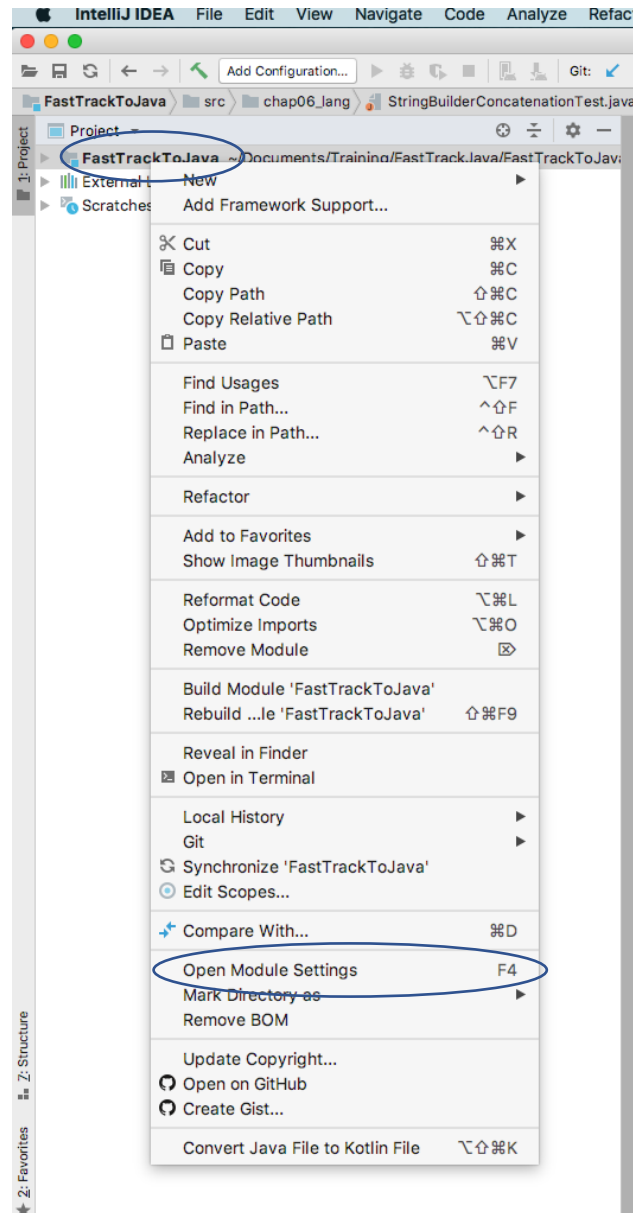
7. Open the FastTrackToJava-master folder and select FastTrackToJava. Press open.



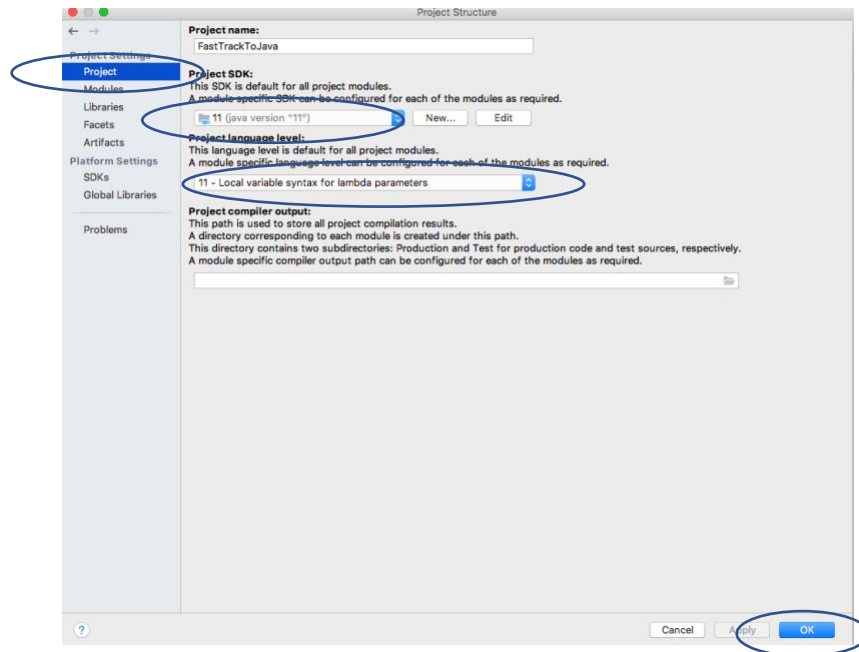
8. Select finish.



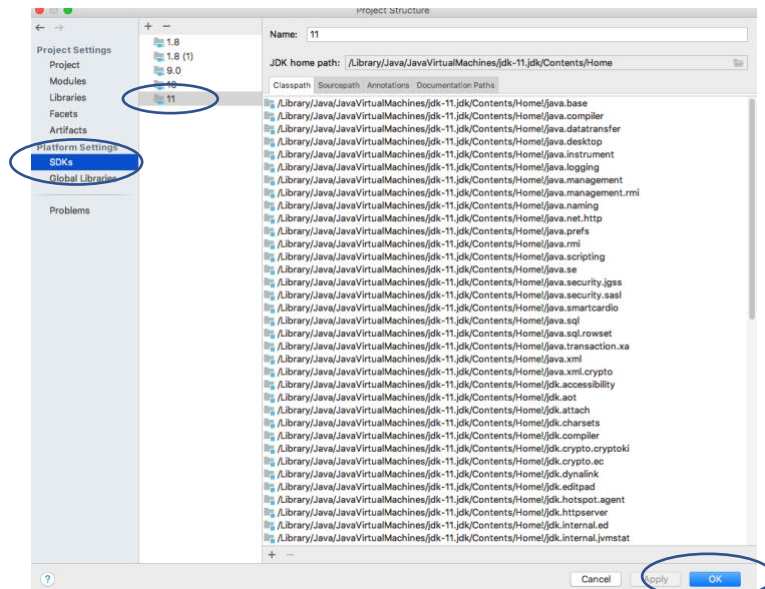
9. Press Command F1 to get the Project view. Right click on FastTrackToJava | Open Module settings.



10. Ensure you have the correct JDK configured. Select Project, then Project JDK 11 and project language level 11. Then press OK.

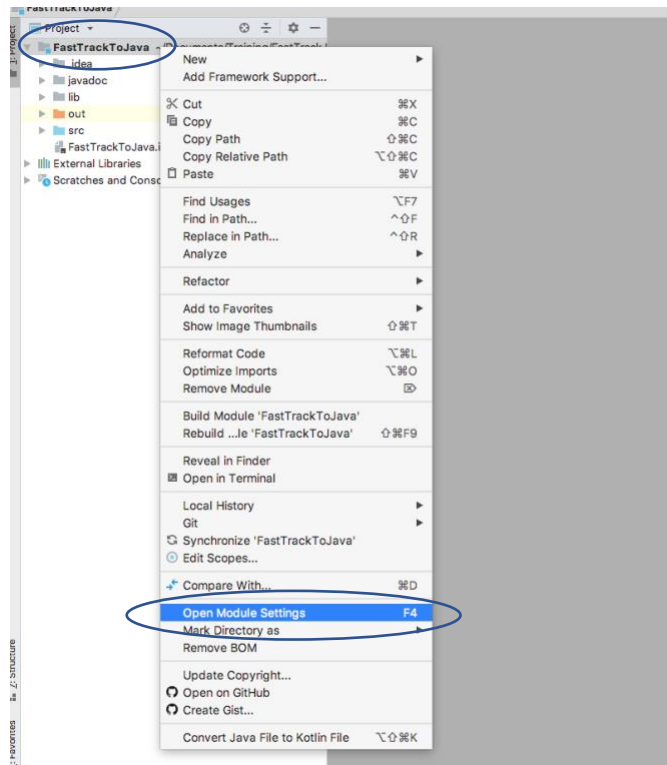


11. Select SDKs, then JDK 11 and press OK.

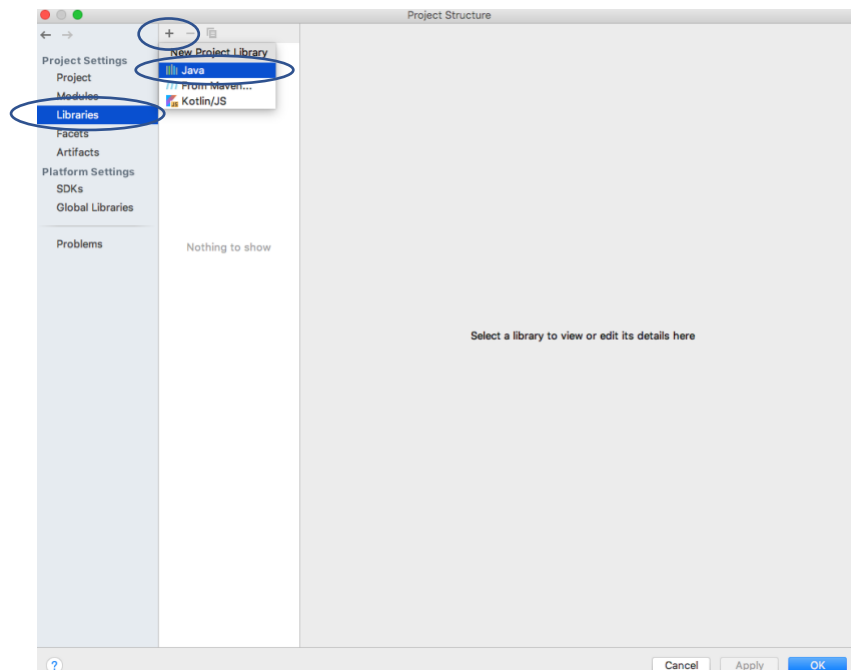


12. The project will compile automatically and may take a few seconds. You can also manually rebuild the project using Build | Build Project.

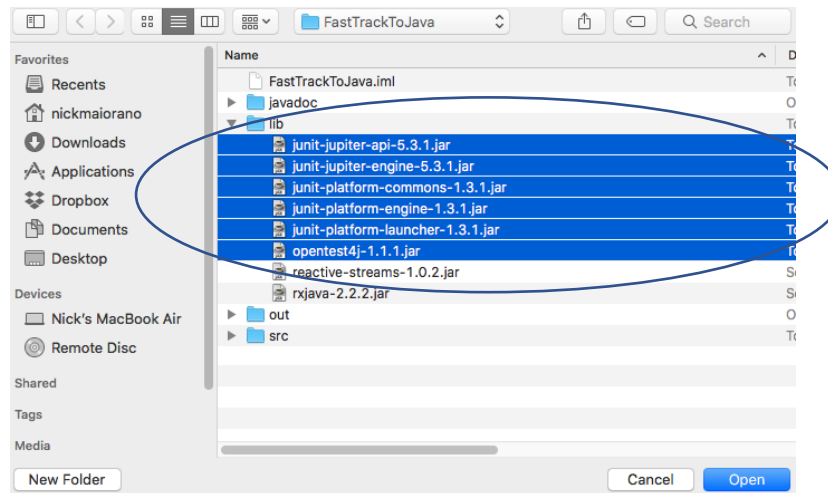
13. Add the 3rd-party libraries. Right-click on FastTrackToJava | Open module settings.



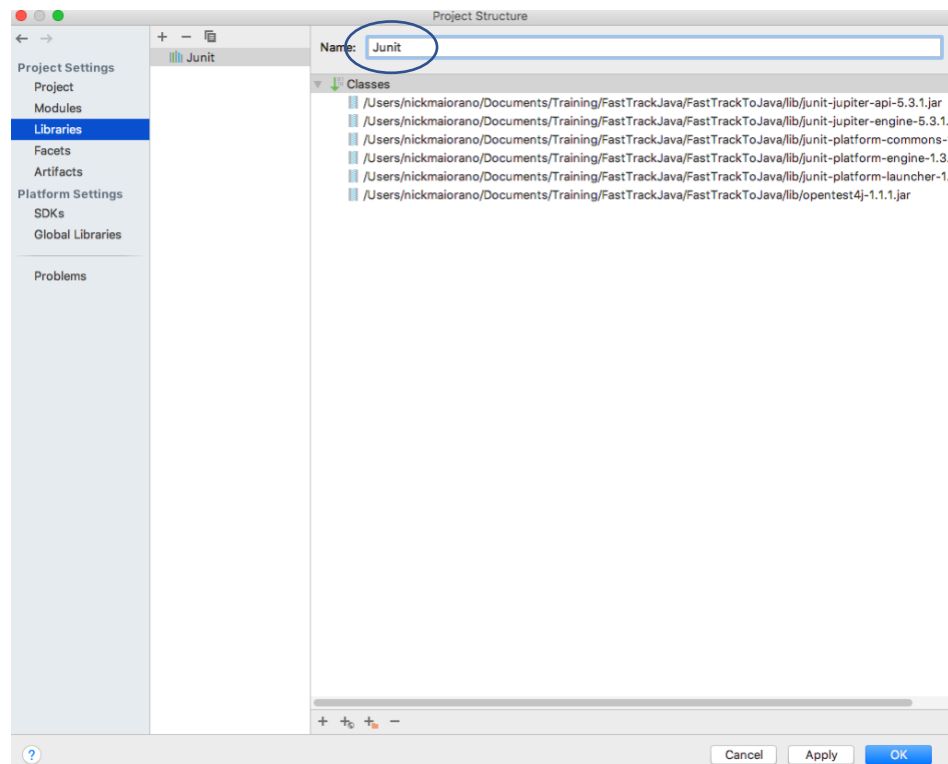
14. Click on Libraries, then + and select Java (for the library type).



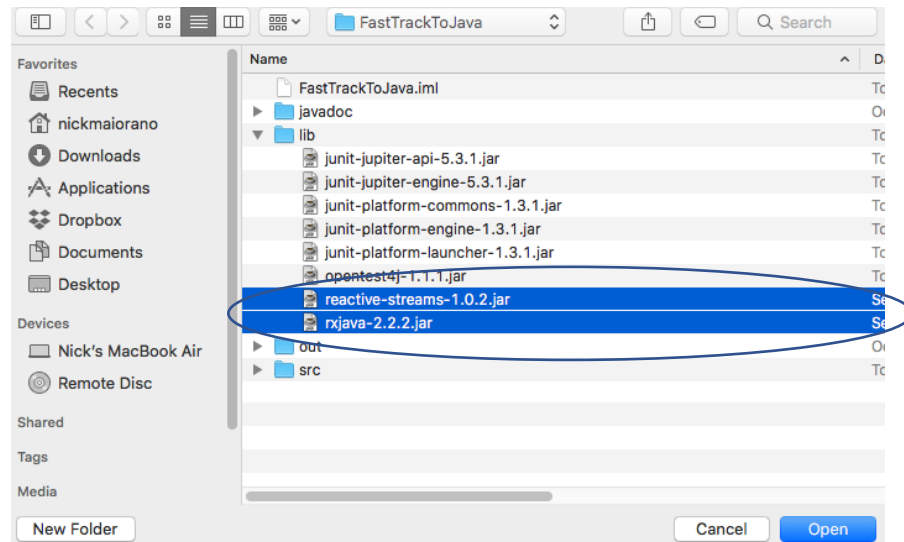
15. Navigate to the lib directory of the project (under your project root). Select these 5 libraries and press open, then OK.



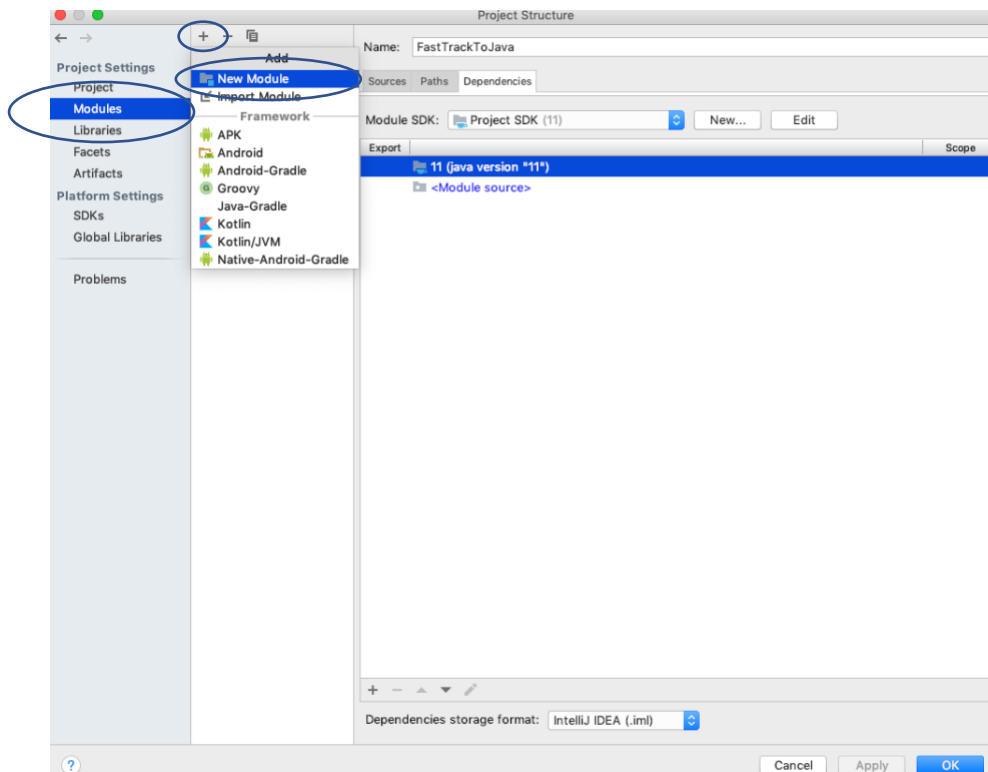
16. Name this library "JUnit".



17. Add a second library (repeat the same process) and add these two libraries from the same location and press open, then OK. Name this library “Reactive-streams”.



18. Press OK.
19. Repeat step 19. (Press Command F1 to get the Project view. Right click on FastTrackToJava | Open Module settings.)
20. Select Modules | + | New Module | Next.



21. Click on the content root folder icon and select the “com.red30tect.cache” folder (from the folder in which the project was downloaded), then finish.

New Module

Module name: com.red30tech.cache

Content root: /yourDownloadFolder/FastTrackToJava-master/FastTrackToJava/com.red30tech.cache

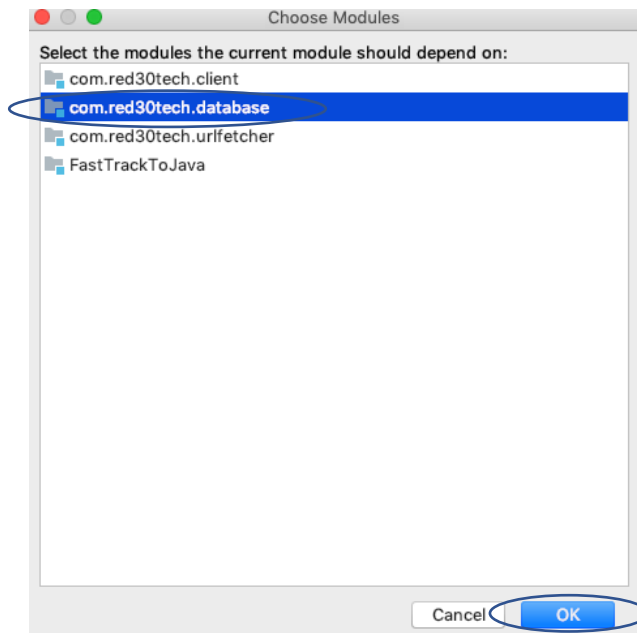
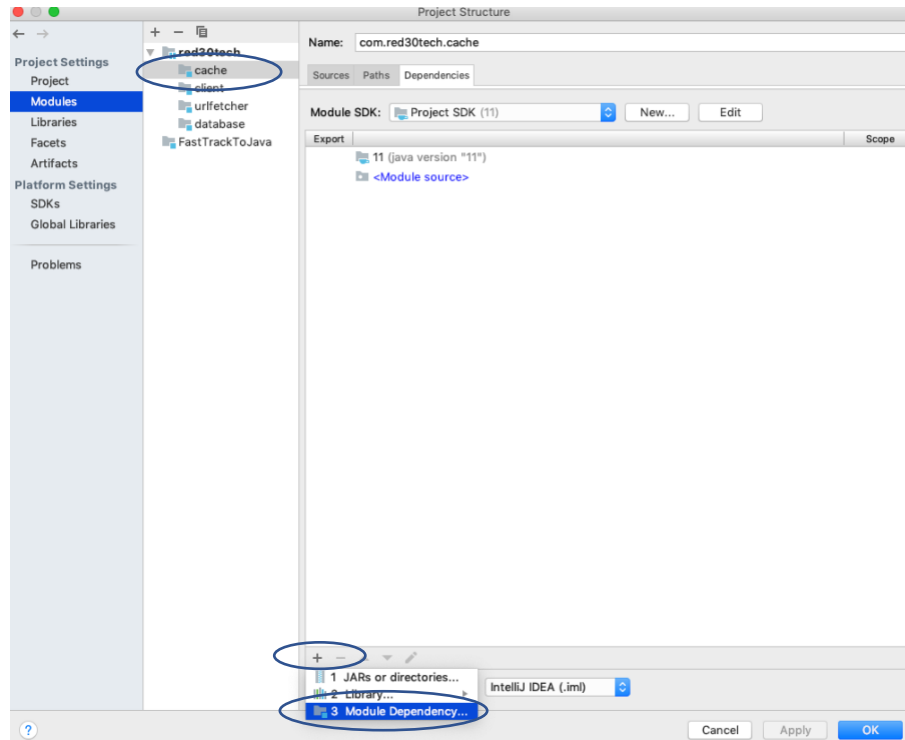
Module file location: /yourDownloadFolder/FastTrackToJava-master/FastTrackToJava/com.red30tech.cache

? Cancel Previous Finish

Repeat steps 20 and 21 for the modules, then click apply once completed:

- com.red30tech.client
- com.red30tech.database
- com.red30tech.urlfetcher

22. Click on the cache module under red30tech, then +, then 3 Module Dependency.



Select com.red30tech.database, then OK.

Repeat step 22 for the three other modules and choose the following module dependencies, then click OK:

- com.red30tech.client → com.red30tech.database, com.red30tech.urlfetcher

- `com.red30tech.database` → *nothing*
- `com.red30tech.urlfetcher` → `com.red30tech.database`, `com.red30tech.cache`