

1.0 Project Setup

The project's development environment resides within Eclipse IDE. We are utilizing Eclipse version 4.29.0 (or greater) that has JavaSE-17 (or greater). Additionally, Spring Tools 4 version 4.24.0 is required and can be downloaded/installed from the Eclipse Marketplace (figure 1).

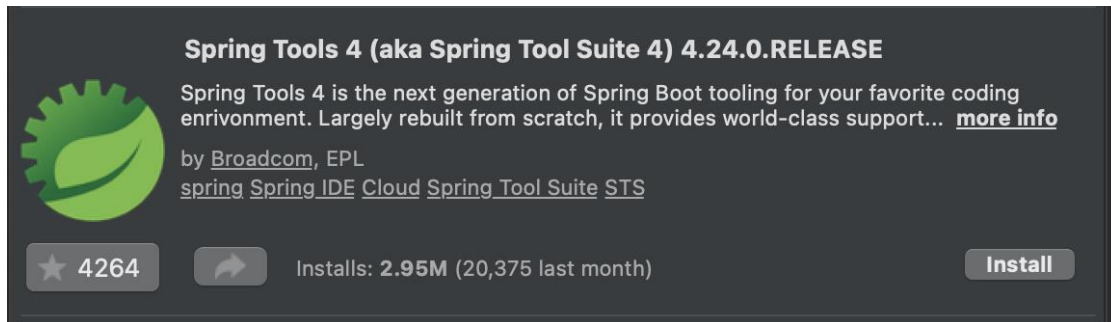


Fig. 1

To set up the project within Eclipse, first open Eclipse, select your desired workspace directory, then click “Launch” (figure 2).

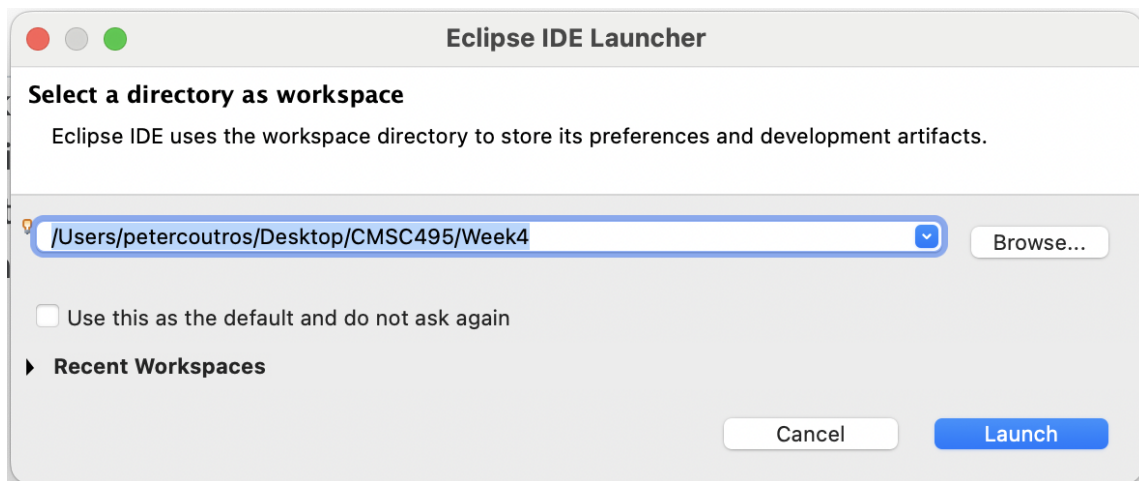


Fig. 2

1.1 Import as New Project from a Directory

Navigate to “File” > “Import...” > “General” > “Existing Projects into Workspace” and click “Next” (figure 3).

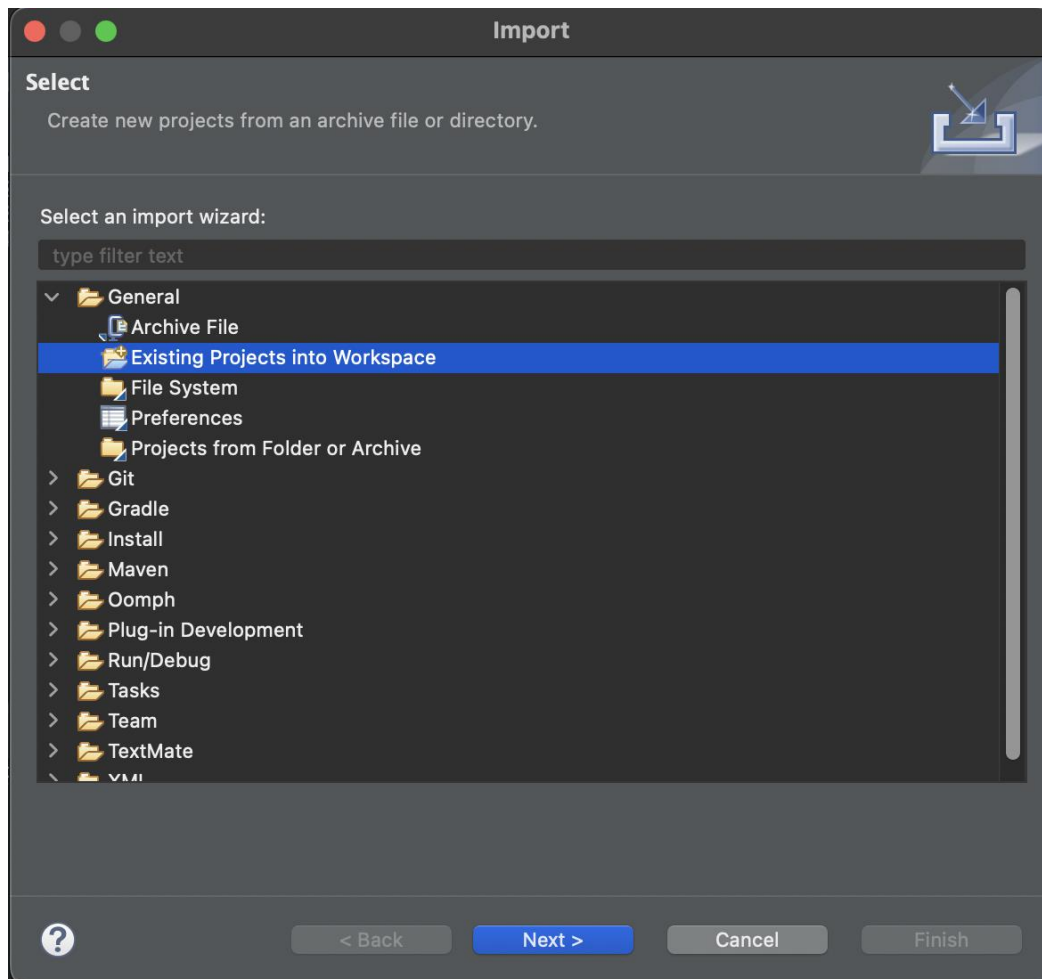


Fig. 3

Press the “Select root directory” radio button and select the folder containing the entire project (figure 4).

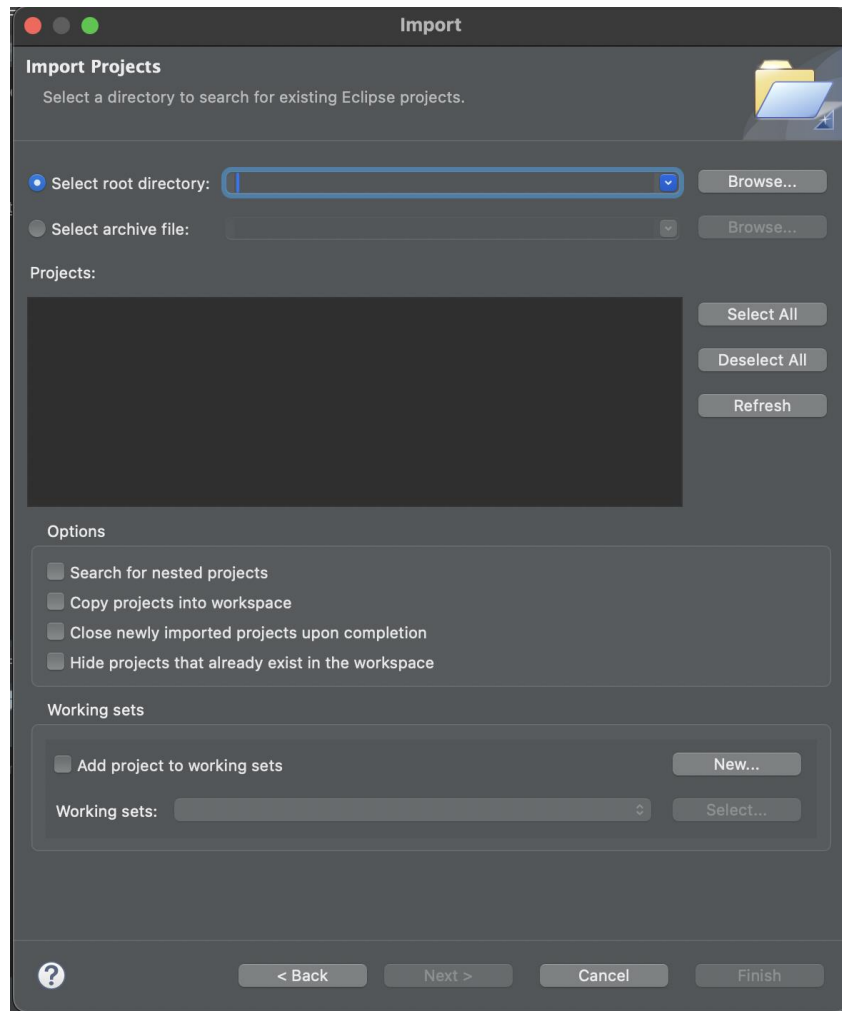


Fig. 4

Ensure that the folder containing the project is checked in the “Projects:” section of the import and click “Finish” (figure 5).

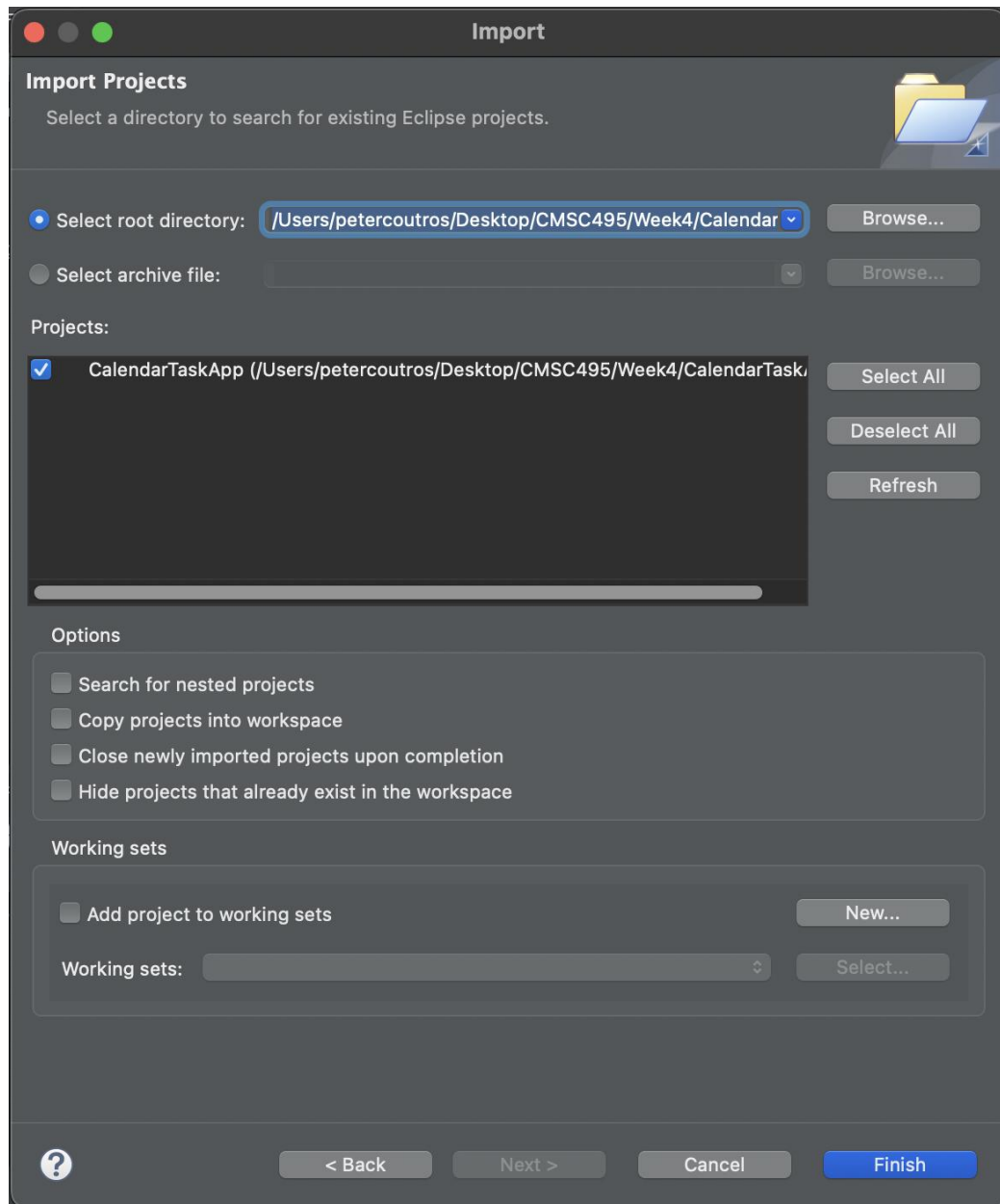


Fig. 5

With the project now open, navigate to the file containing the main method (currently housed in CalendarTaskAppApplication.java) and run as “Spring Boot App” (figure 6).

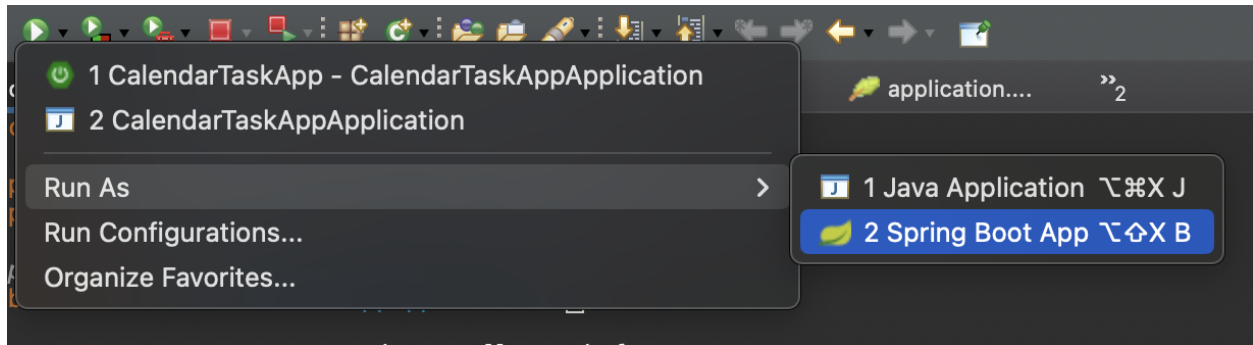


Fig. 6

Navigate to your browser of choice and enter <http://localhost:8080/> into the navigation bar to interact with the application.

1.2 Import as Existing Maven Project

If the above did not recognize the project try importing as an existing maven project (this will be necessary if cloning from GitHub).

Navigate to “File” > “Import...” > “Maven” > “Existing Maven Project” and click “Next” (figure 7).

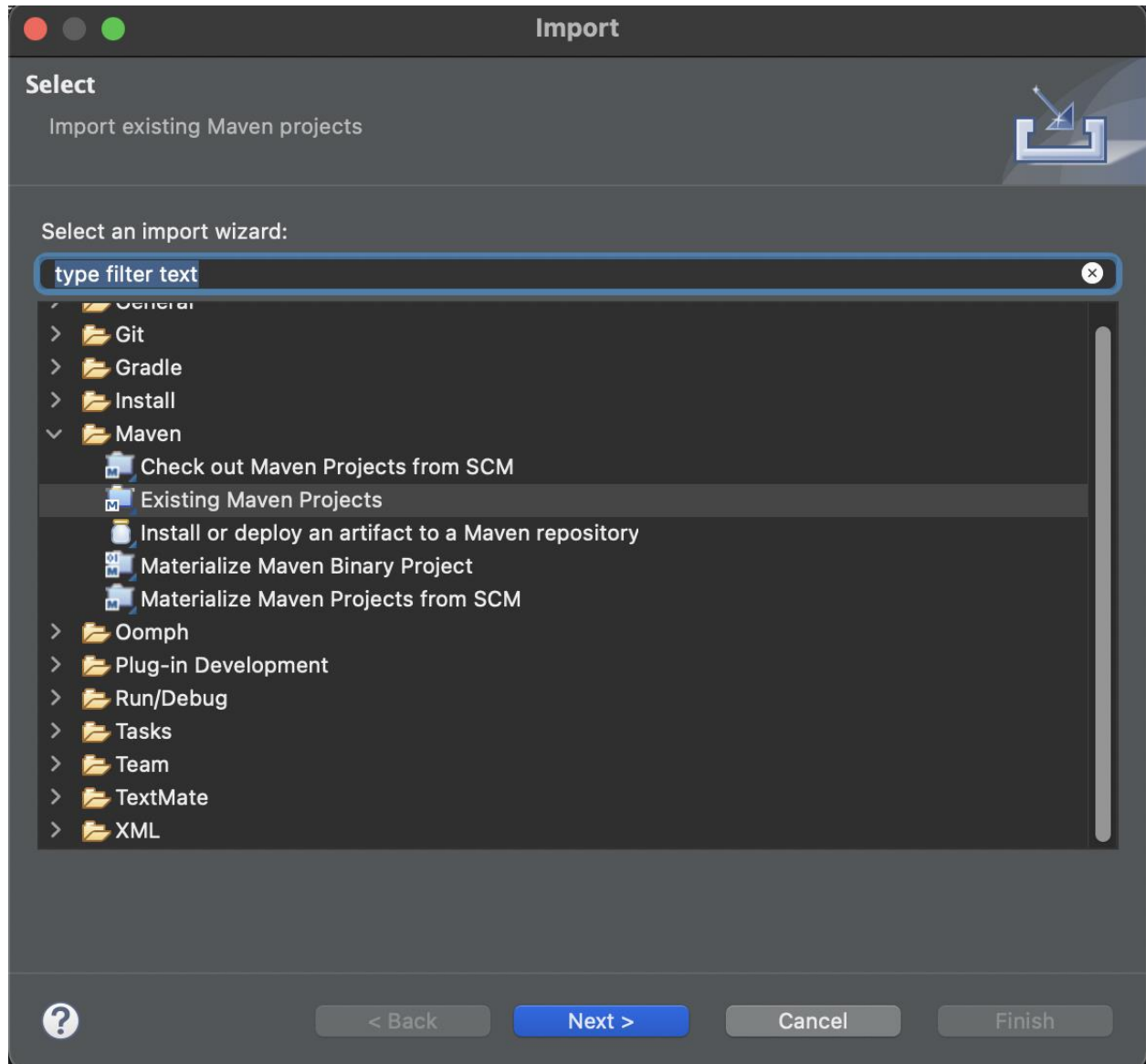


Fig. 7

Browse and select the root directory housing the project/cloned repo and ensure that the project populates in the “Projects:” section and that its box is checked and click “Finish” (figure 8).

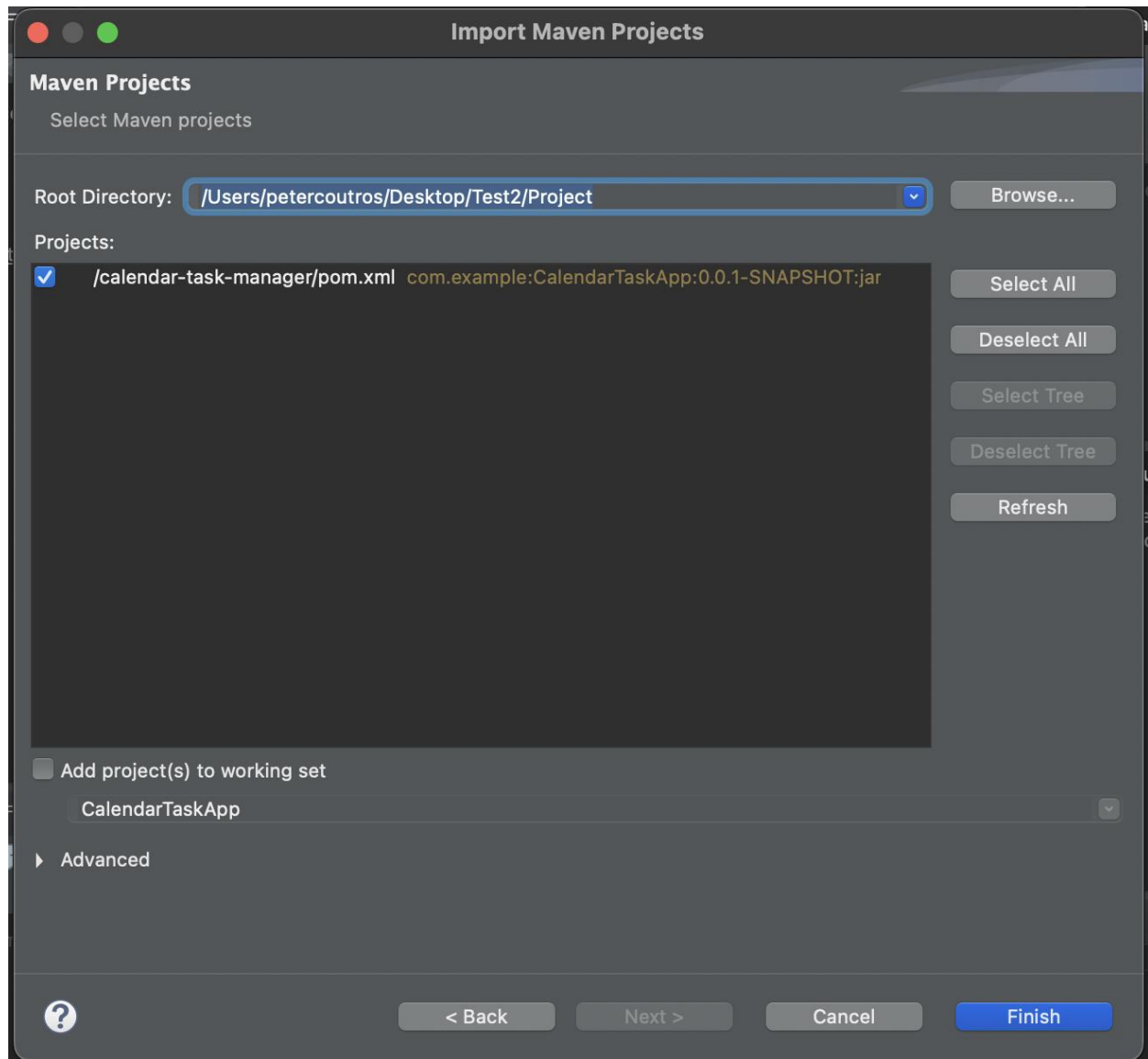


Fig. 8

With the project now open, navigate to the file containing the main method (currently housed in CalendarTaskAppApplication.java) and run as “Spring Boot App” (figure 9).

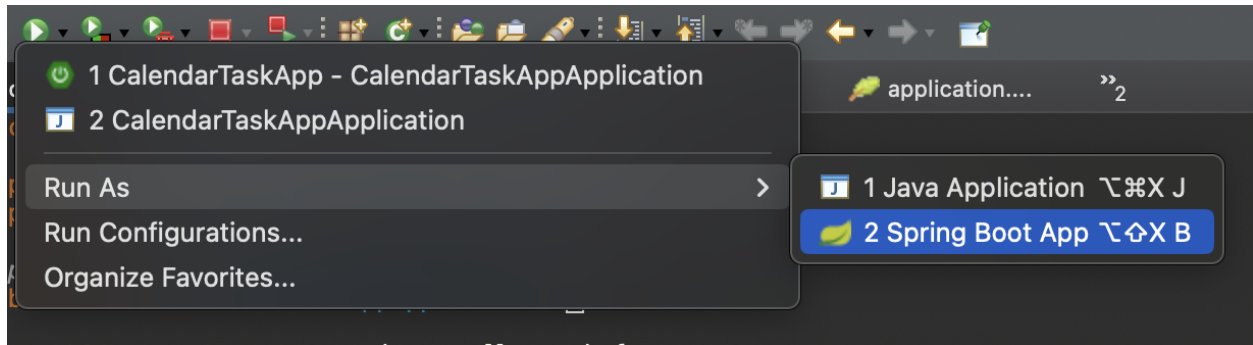


Fig. 9

Navigate to your browser of choice and enter <http://localhost:8080/> into the navigation bar to interact with the application.