National College of Ireland

Configuration Manual

MSc Research Project
Cloud Computing

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National College of Ireland
Project Submission Sheet
School of Computing

Student Name:	Mahesh Prakash Ravi
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Configuration Manual

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1 Prerequisites

Since the implementation is done using the simulation approach, any of the IDE tools such as Eclipse, IntelliJ, etc. can be used. Before that it has to be ensured that atleast java 1.8 present in the execution system. This document shows the setup if the chosen development tool is Eclipse.

1. After the installation from the Eclipse (2022) download page, open the IDE tool from the installed location so that it opens with the Figure 1 loading page.

Figure 1: Eclipse start up page

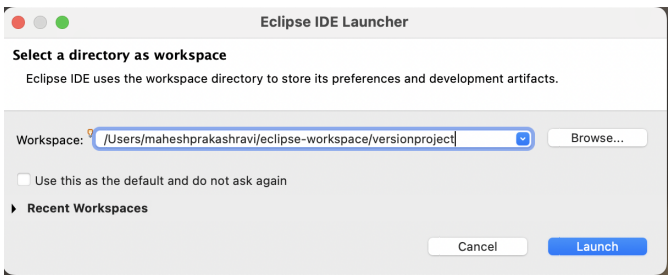

Figure 2: Selecting workspace for the project

2. Create relevant workspace name for the project which can be named as version project in this case as shown in the Figure 2

3. Once the eclipse workspace is opened select import projects from the side menu and then Iter the available option with the keyword git which is seen in the Figure 3.Then select the projects from git option to proceed further steps.

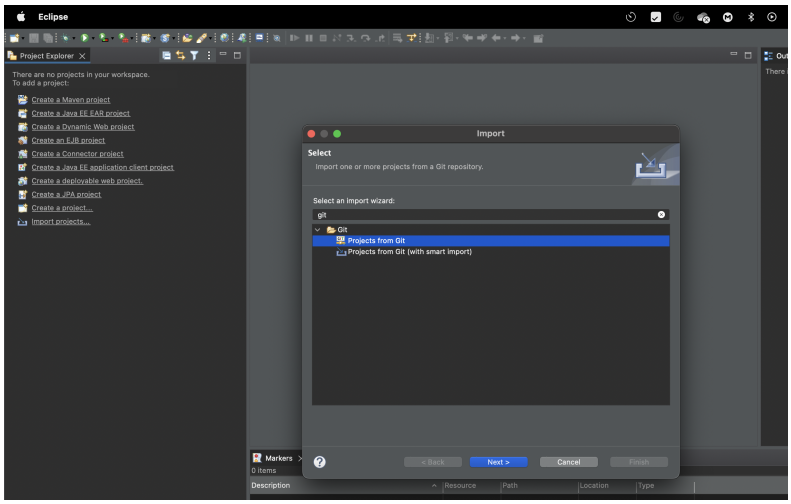

Figure 3: Import Github project

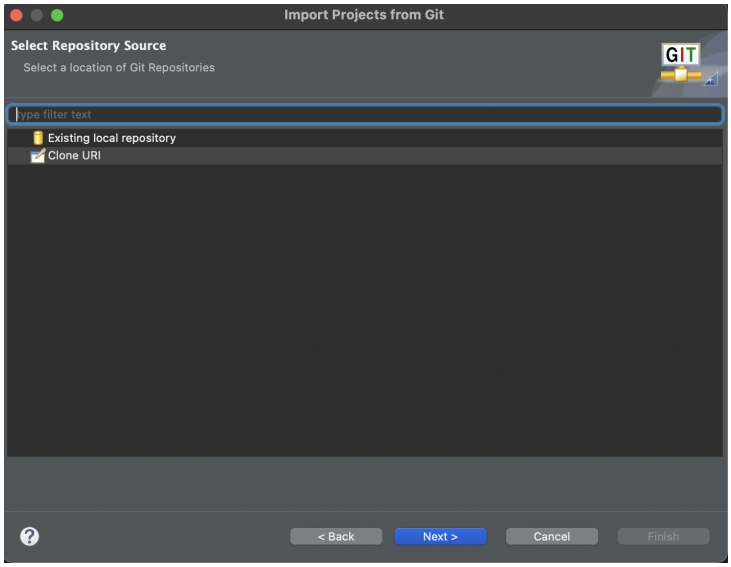

Figure 4: Select existing git project for import

4. In the next window out of the listed options, select clone URI the which is represented in the Figure 4 which indicates we are importing the project which is hosted in the github website.

5. Input the clone repository URI https://github.com/x21146331/AdhocO oadingThesis.git in the URI text eld as shown in the screenshot Figure 5 and then click on next.

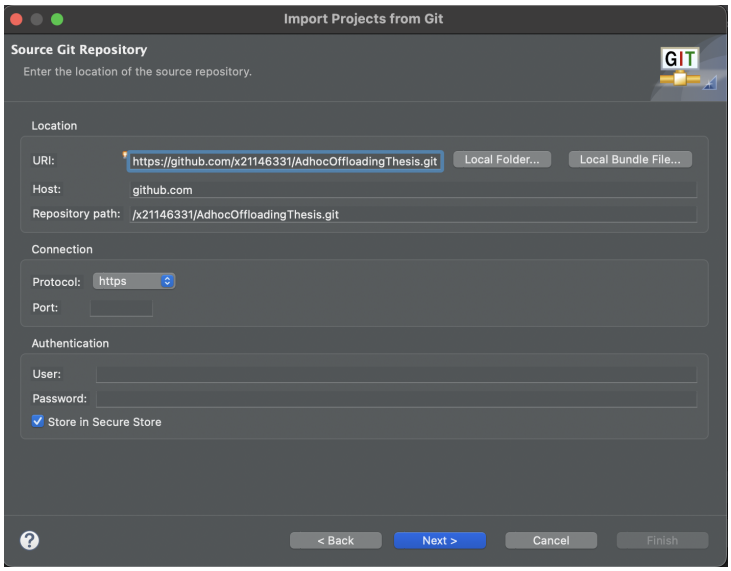

Figure 5: Mention git URL in the git con guration dashbboard

6. As the code is pushed into the master branch, it will be selected as default in this window which is shown in Figure 6 and click on next.

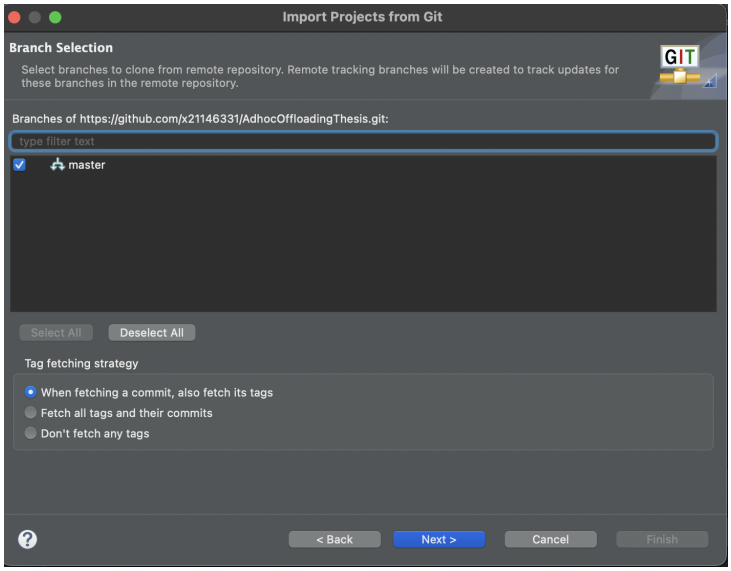

Figure 6: Master branch selection for the github checkout

7. Select the local folder to import where in this case con gmanual folder name is created for code import and click on next. The same illustrated in the screenshot which is shown in Figure 7

8. Click on next again on the working tree window then the nal window displays the project to be imported from the github. This is the last window for github import where

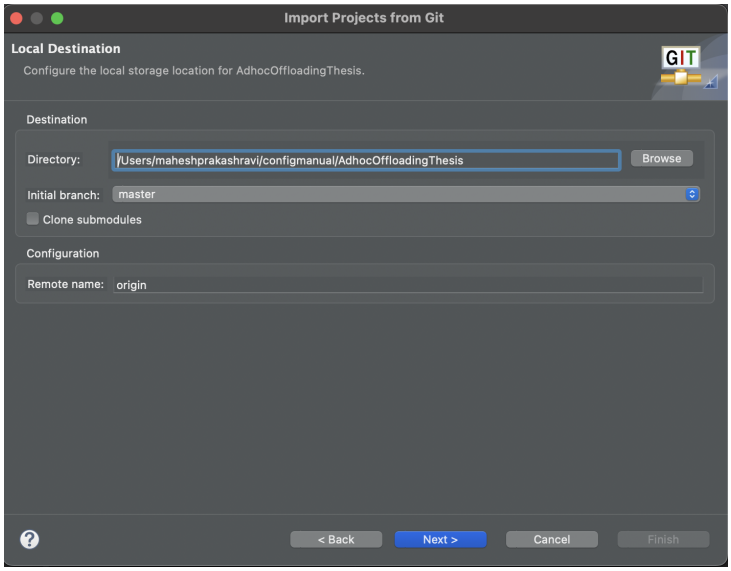

Figure 7: Locala destination folder selection for checkout

one can verify the details and click on nish as shown in Figure 8

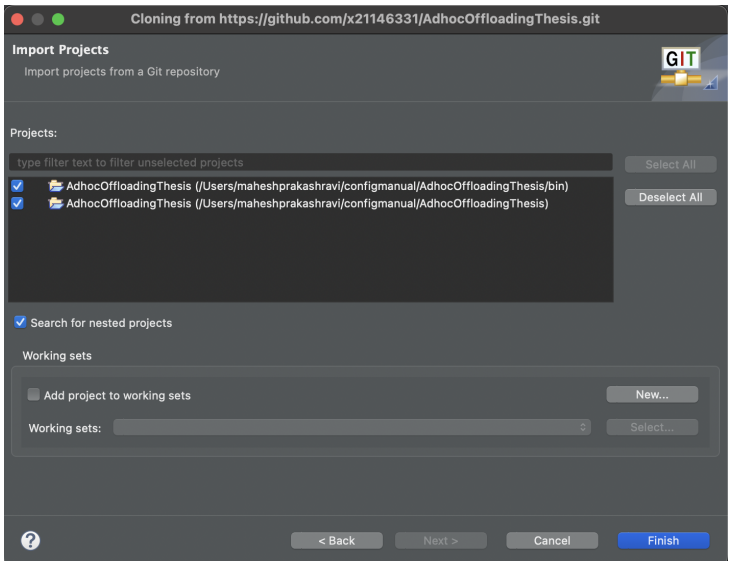

Figure 8: Finish window Display

9. After that click on Window- Show View- Other. Filter the options with Git and select git repositories as shown in the Figure 9.

10. In the Git view window right click on the working tree and select import projects as shown in the Figure 10.

11. In the import projects window verify the project to be imported and then click on nish as shown in the Figure 11.

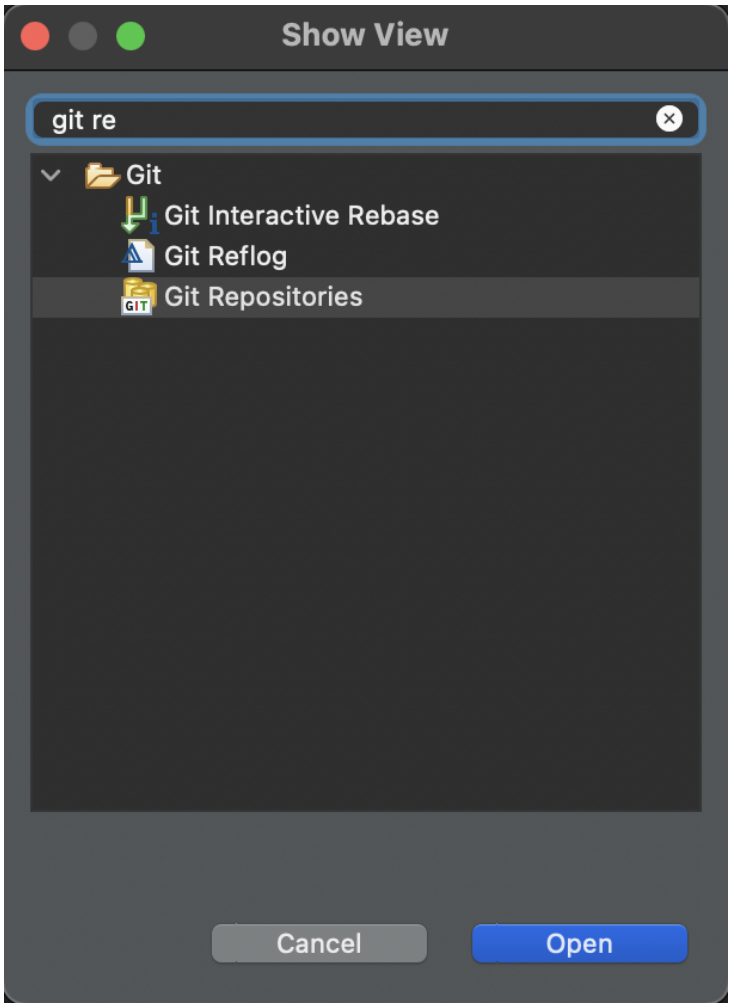

Figure 9: Show View Git repositories

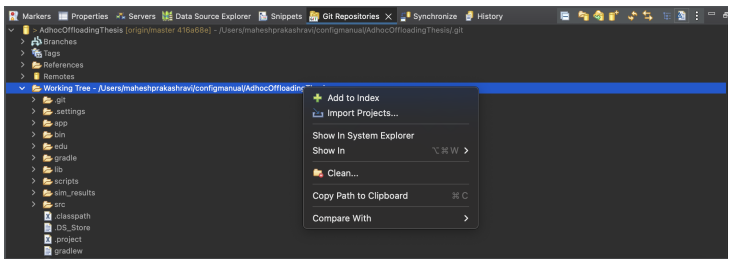

Figure 10: Select Import Projects from Working Tree

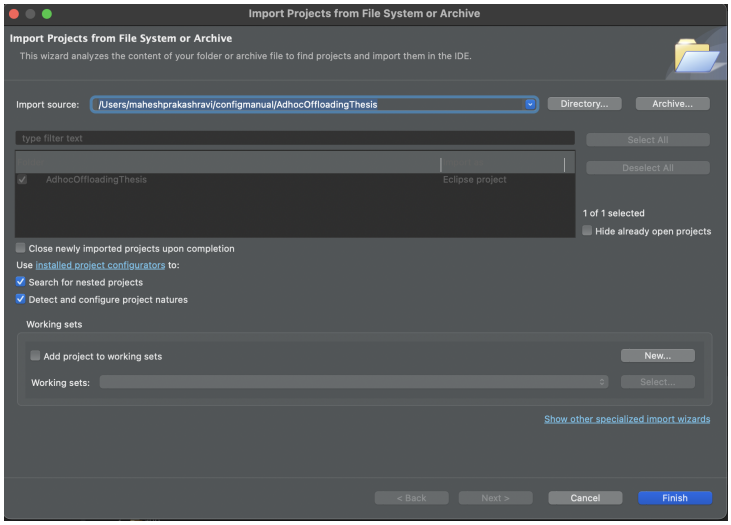

Figure 11: Import Project Window

12. The landing page with the imported code will be displayed in the Figure 12 below. Navigate to fuzzyMainApp and right click to select run as java application.

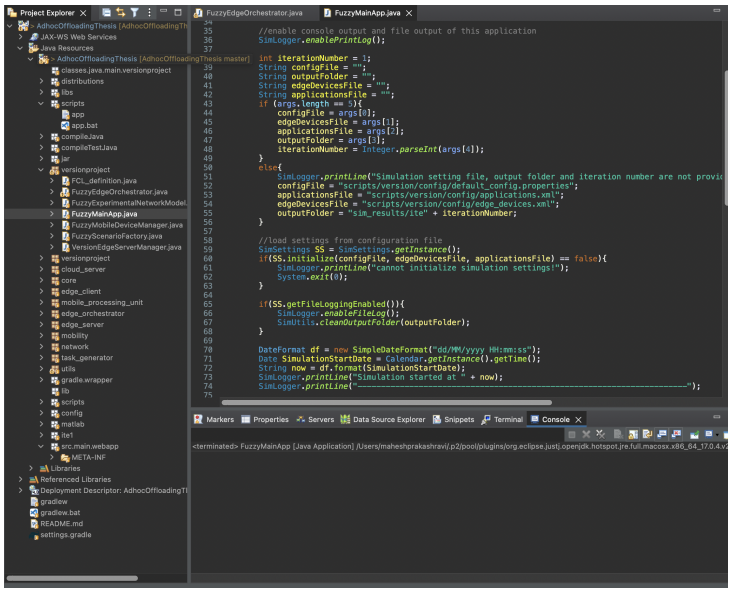

Figure 12: Code Landing Page

13. Output is seen in the after running the java application which is shown in the Figure 13.

14. The individual le outputs can be seen in the package simresults/ite1 but for evaluation only the console output is considered.