Configuration Manual

MSc Research Project
Cloud Computing

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Project Submission Sheet
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Programme:	Cloud Computing
Year:	2022
Module:	MSc Research Project
Supervisor:	Aqeel kazmi
Submission Due Date:	1/02/2023
Project Title:	Configuration Manual
Word Count:	430
Page Count:	7

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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
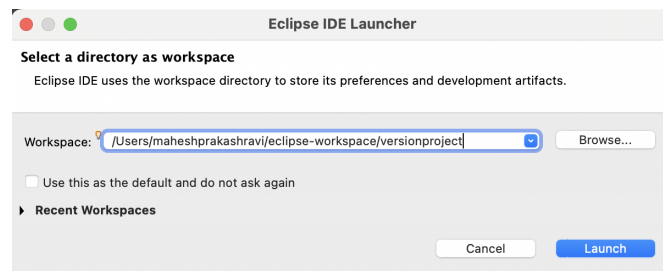
Figure 2: Selecting workspace for the project

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 filter 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.
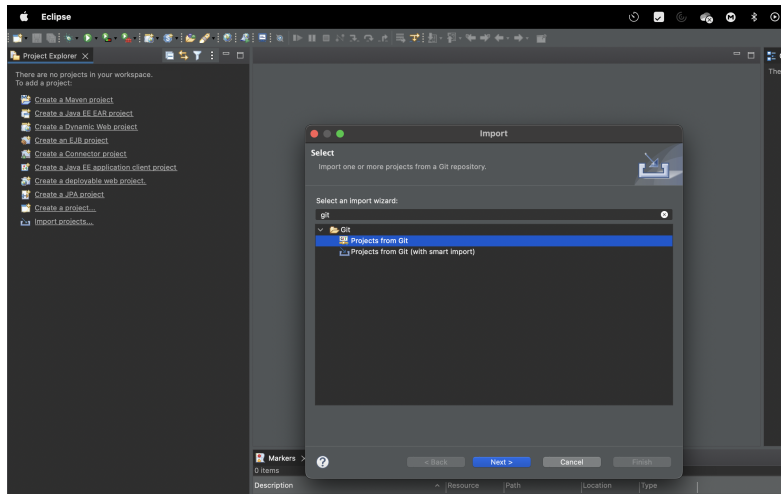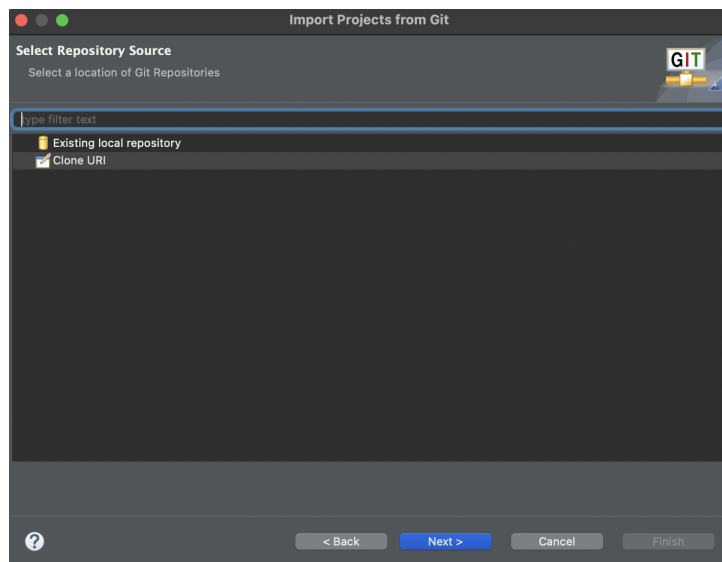

Figure 3: Import Github project

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/AdhocOffloadingThesis.git in the URI textfield as shown in the screenshot Figure 5 and then click on next.
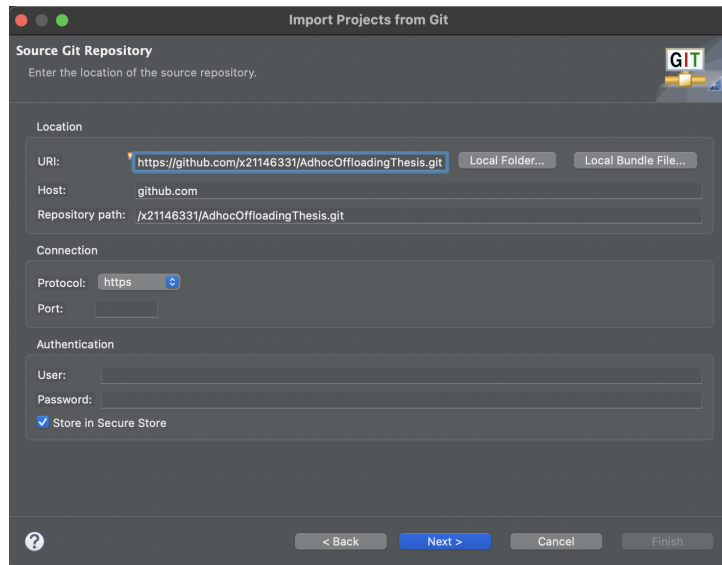

Figure 5: Mention git URL in the git configuration dashbboard

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.
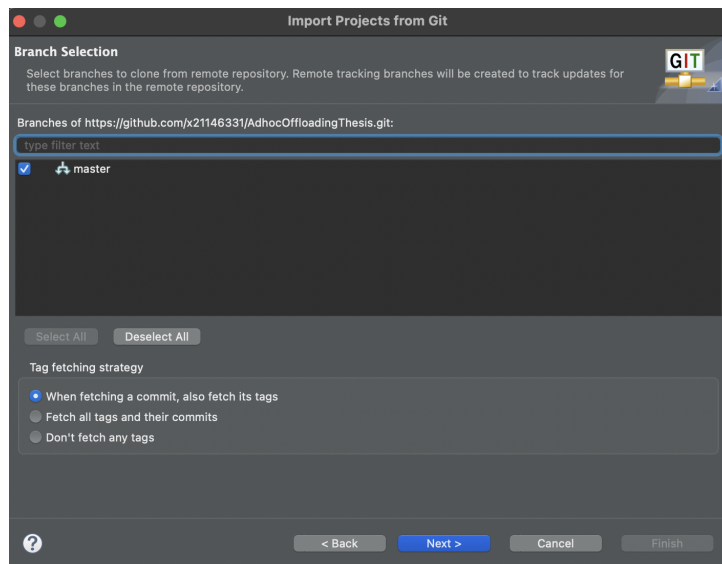

Figure 6: Master branch selection for the github checkout

7. Select the local folder to import where in this case configmanual 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 final window displays the project to be imported from the github. This is the last window for github import where
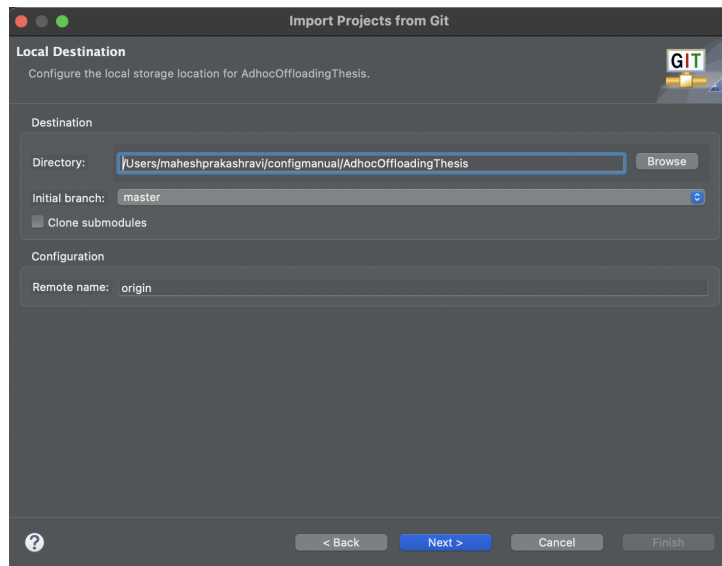
Figure 7: Locala destination folder selection for checkout

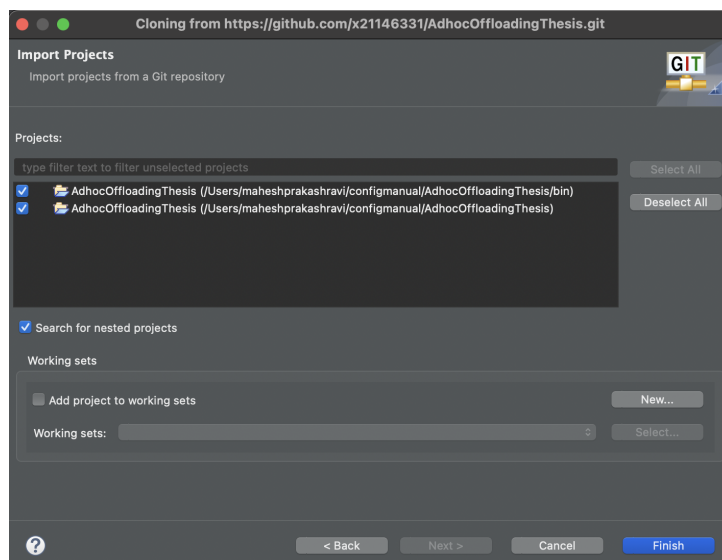one can verify the details and click on finish as shown in Figure 8

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 finish as shown in the Figure 11.
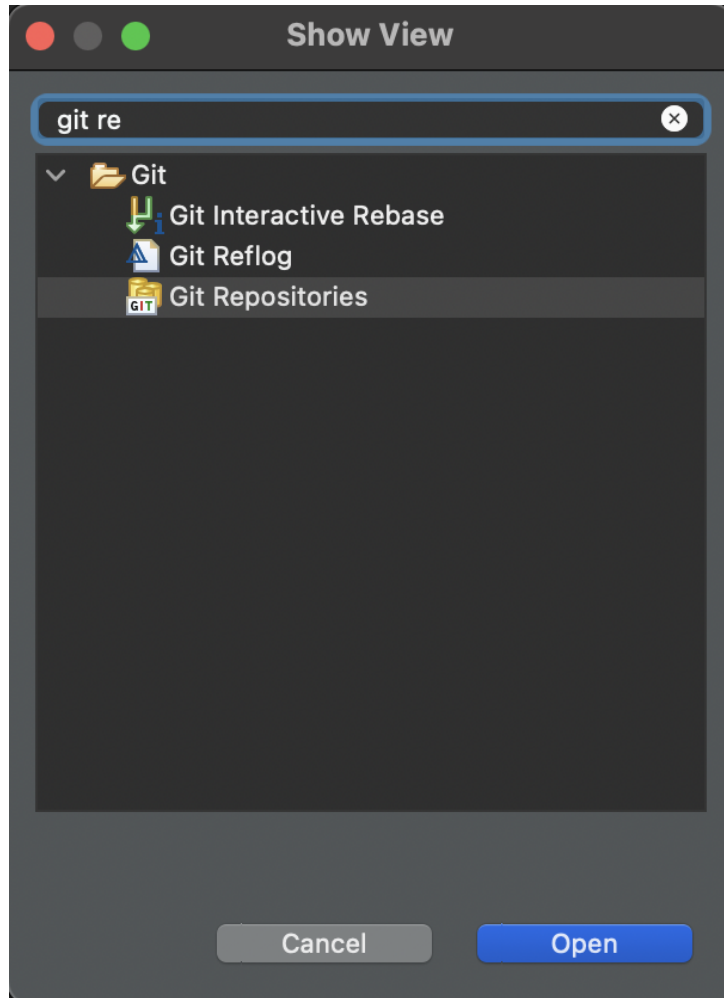
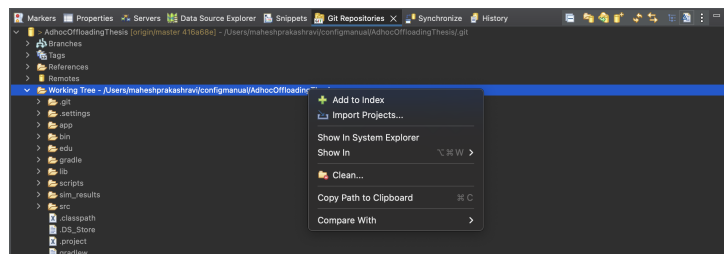Figure 9: Show View Git repositories

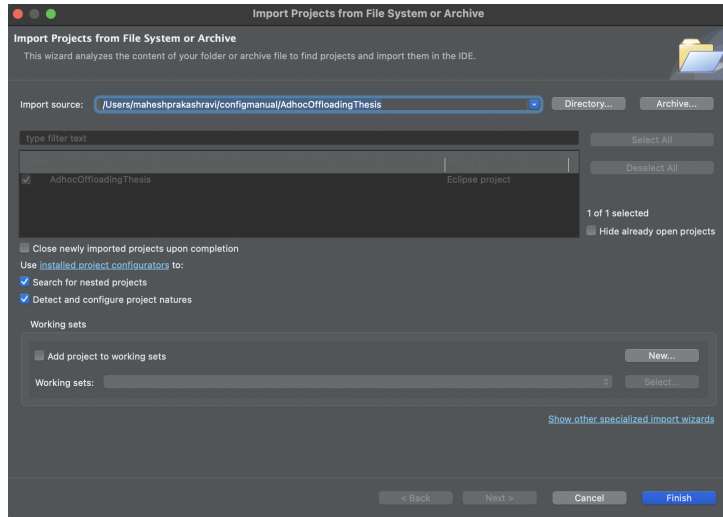Figure 10: Select Import Projects from Working Tree

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.
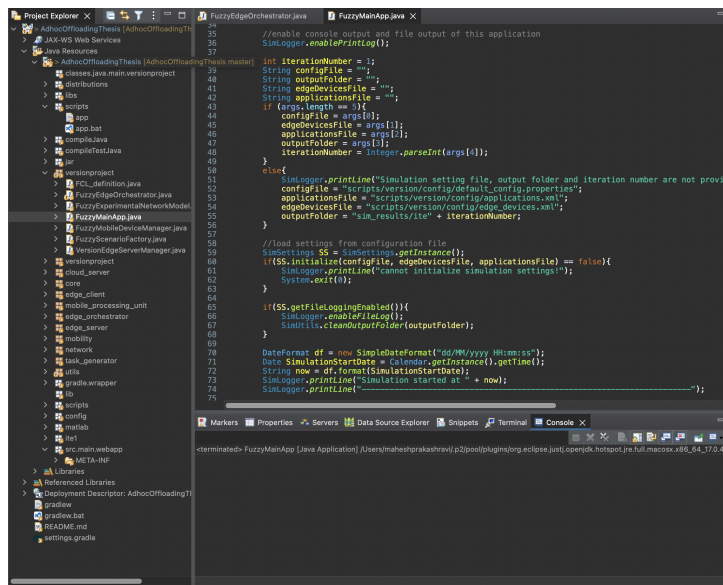

Figure 12: Code Landing Page

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

14. The individual file outputs can be seen in the package simresults/ite1 but for evaluation only the console output is considered.
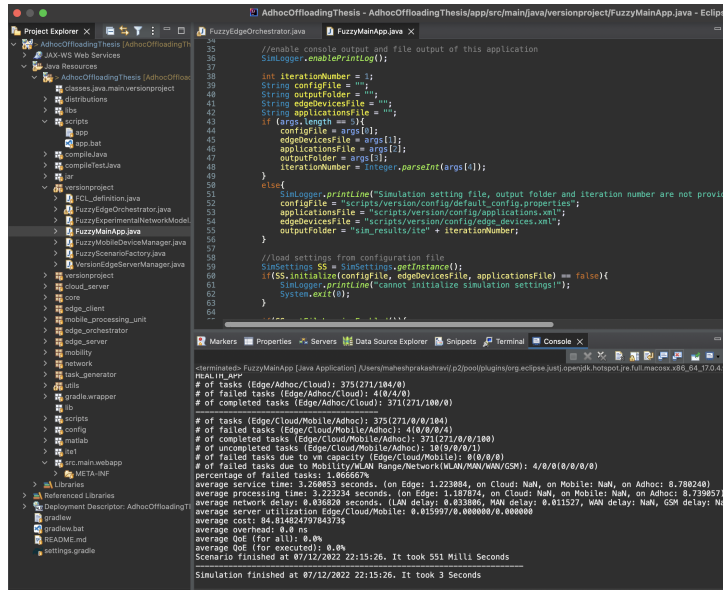
Figure 13: The output which is seen in the console tab
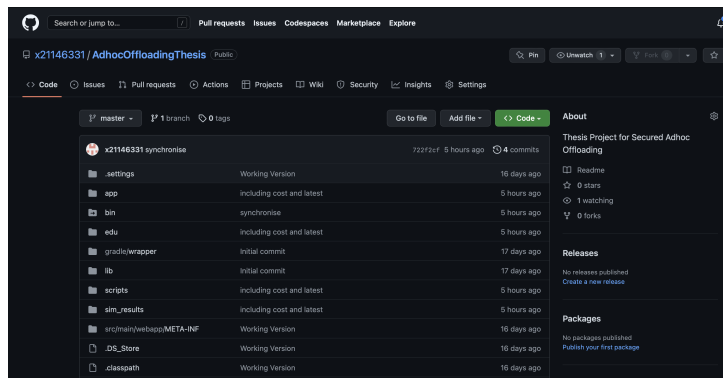
2   Repositories

Repository URL-https://github.com/x21146331/AdhocOffloadingThesis.git

Figure 14: GitHub Dashboard

References

Eclipse (2022). Eclipse downloads: The eclipse foundation.
   URL: *https://www.eclipse.org/downloads/*