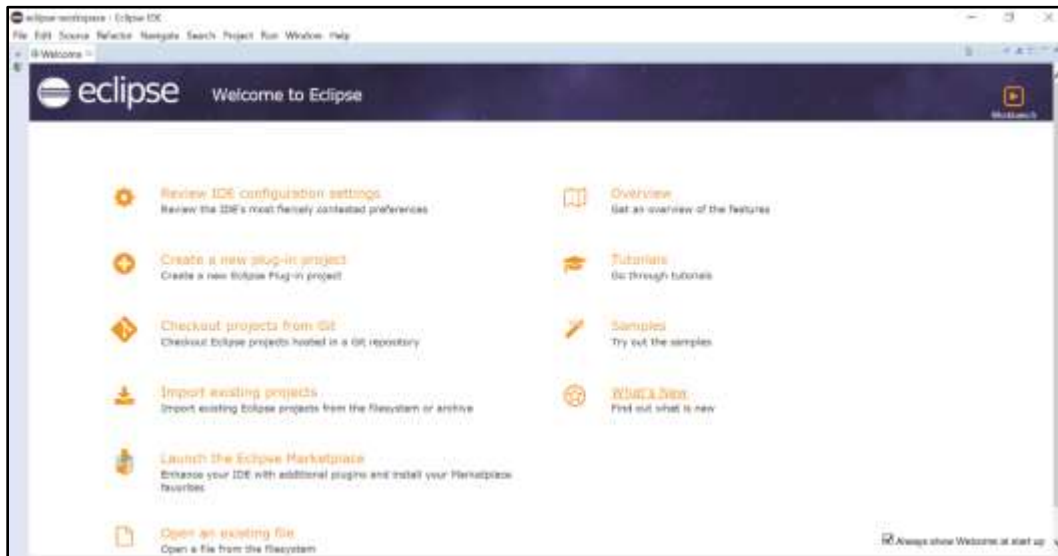


Before checking out the platform code, please ensure that Git¹ as well as Git Large File Support² (since platform release 0.6.0) are installed. For Eclipse, specific packages of egit³ may be required.

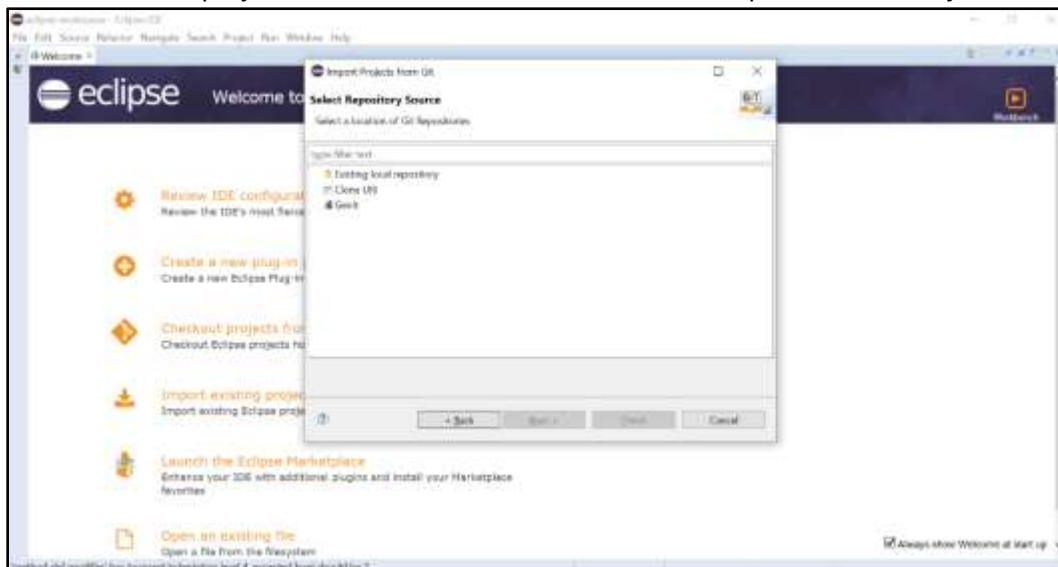
You may now clone the platform git via command line from <https://github.com/iip-ecosphere/platform.git> and import the individual/needed packages into Eclipse or, as explained below, completely rely on Eclipse (please consider also the technical guidelines⁴ for required software versions).

To open the projects and setup the environment on your device please follow the steps:

1. Open the Eclipse on your device.



2. Select Checkout projects from Git or from tool menu File -> Import -> Git -> Projects from Git.



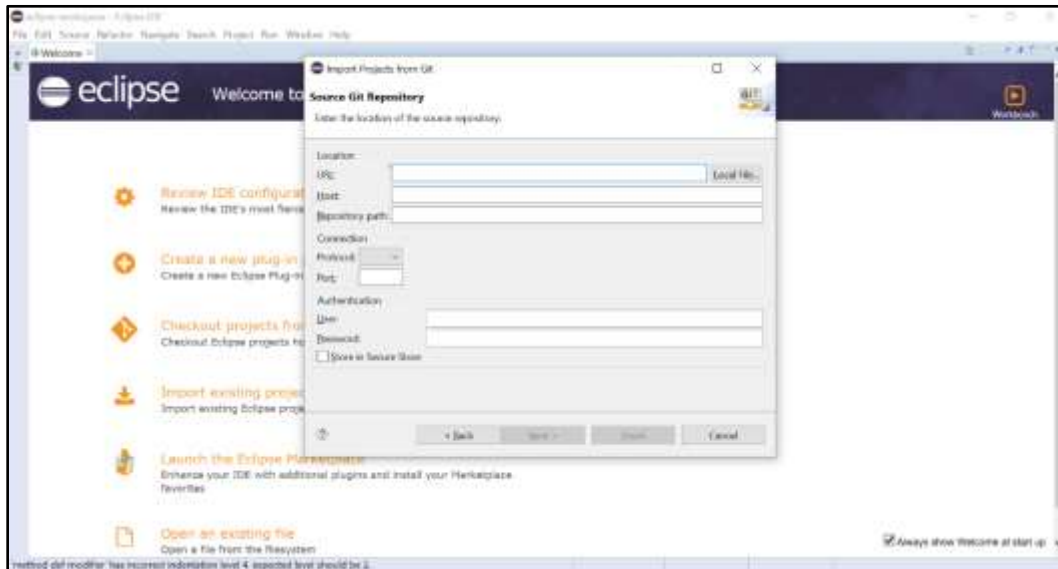
¹ <https://git-scm.com/downloads>

² <https://docs.github.com/en/repositories/working-with-files/managing-large-files/installing-git-large-file-storage>

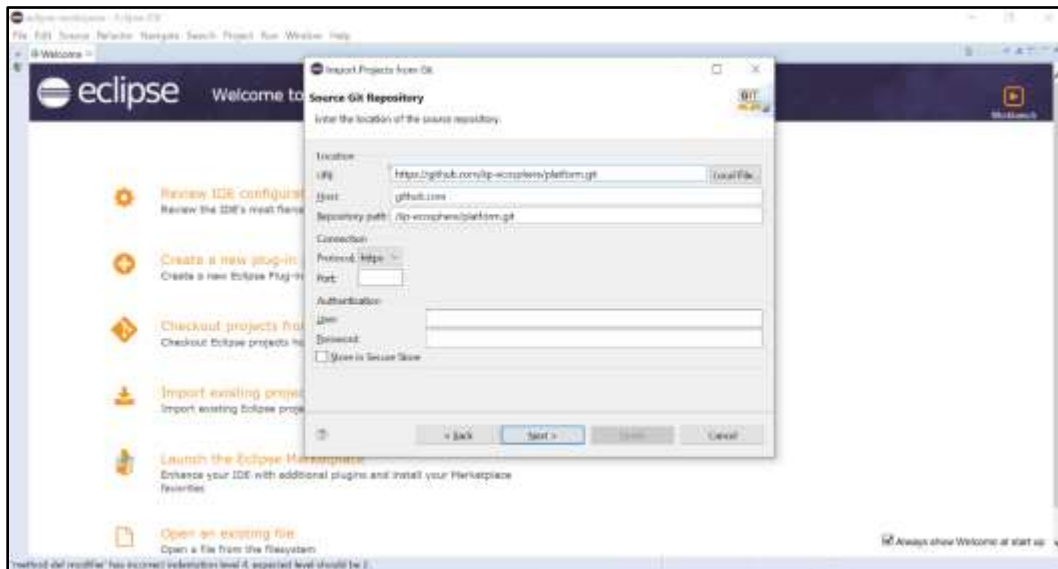
³ <https://stackoverflow.com/questions/63228688/how-to-activate-lfs-support-button-in-eclipse>

⁴ <https://github.com/iip-ecosphere/platform/tree/main/platform/documentation>

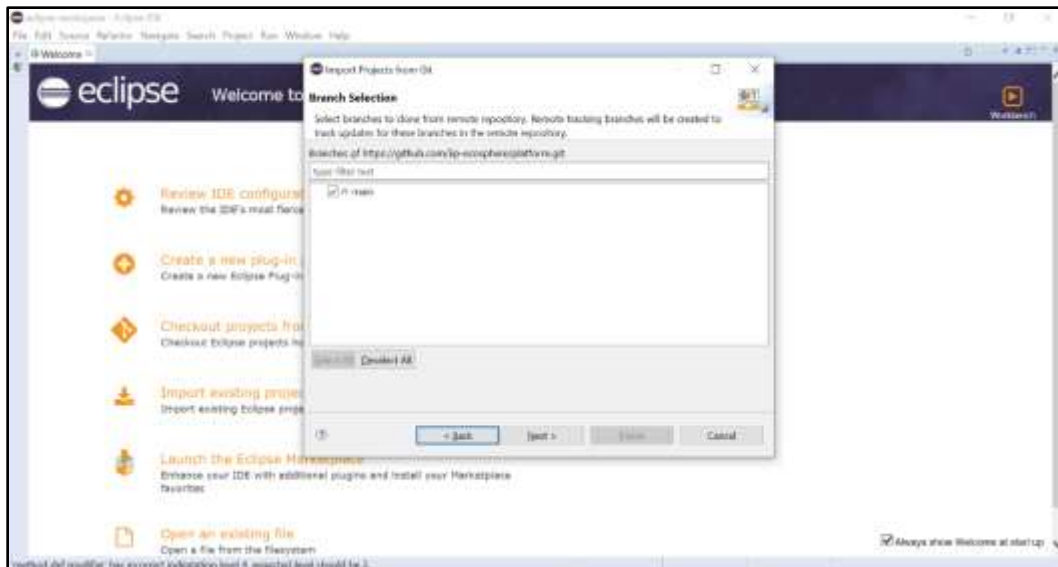
3. Select Clone URI and Next.



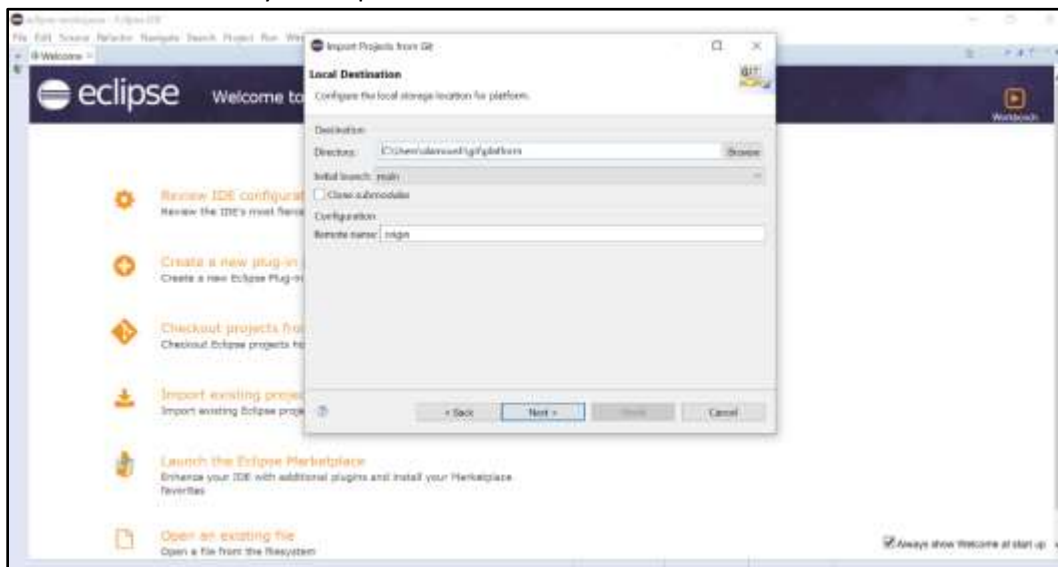
4. Insert the URI "<https://github.com/iip-ecosphere/platform.git>". Host, Repository path, and Protocol will be fill automatically.



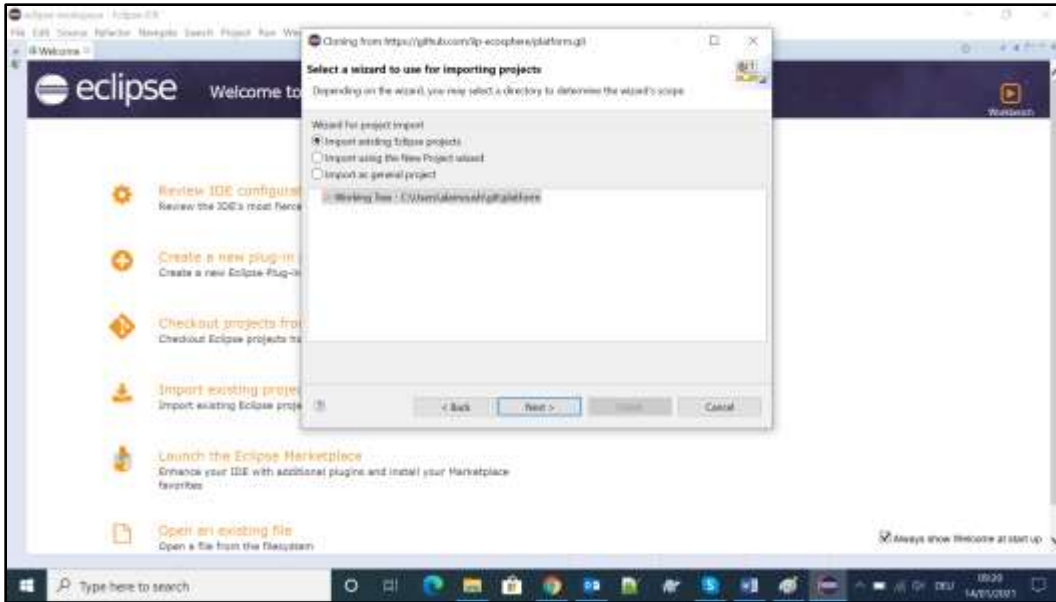
5. Next and keep main selected



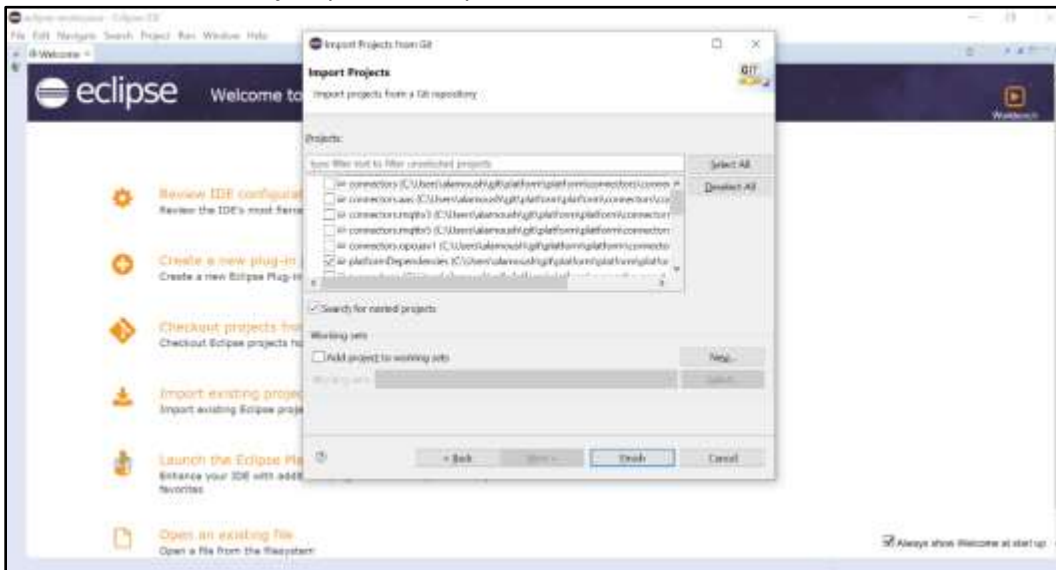
6. Next add the Directory or keep it as default.



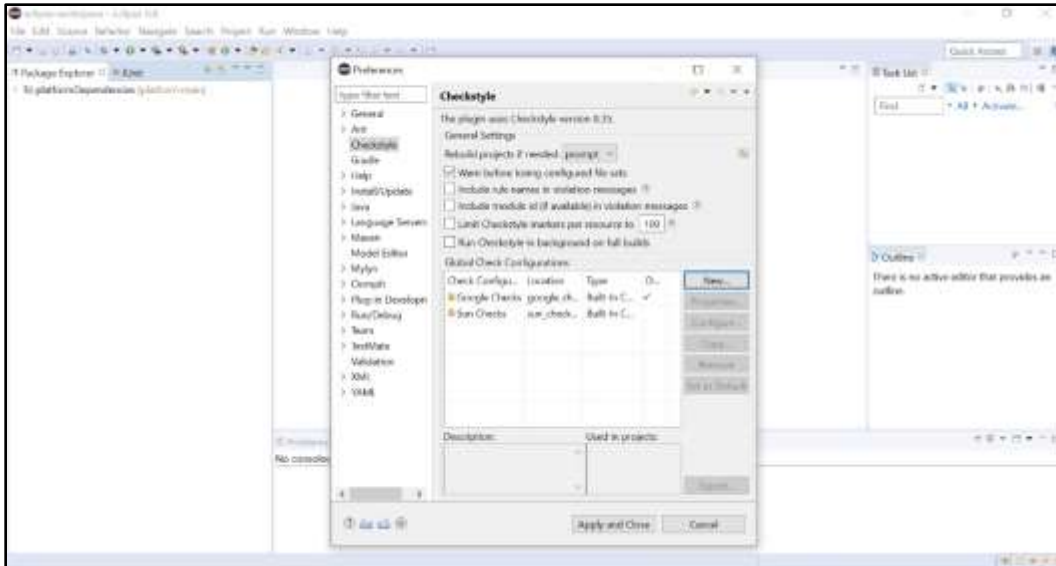
7. Select Import existing Eclipse projects and Next.



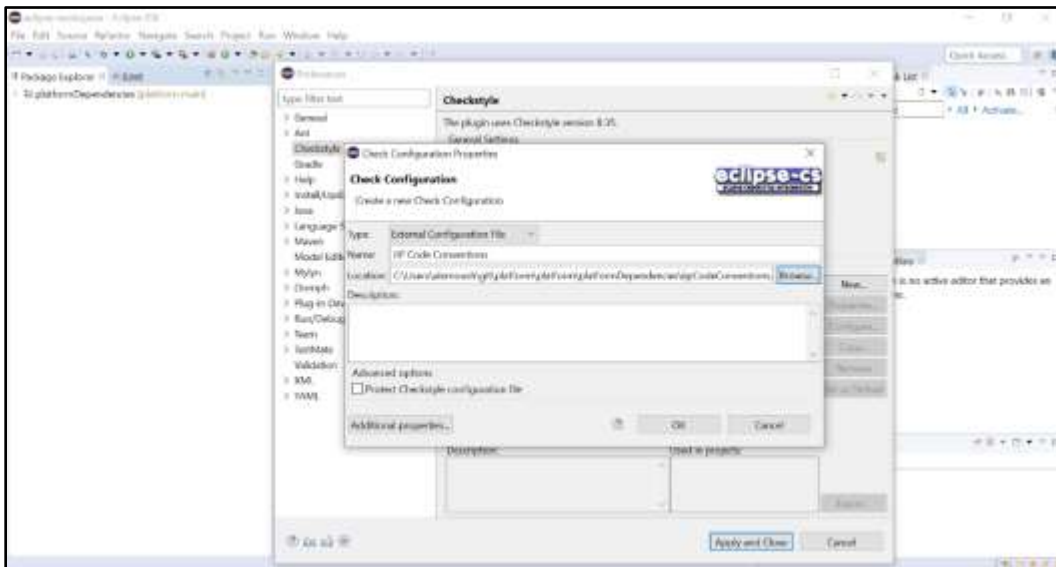
8. Deselect All and select just platformDependencies and Finish.



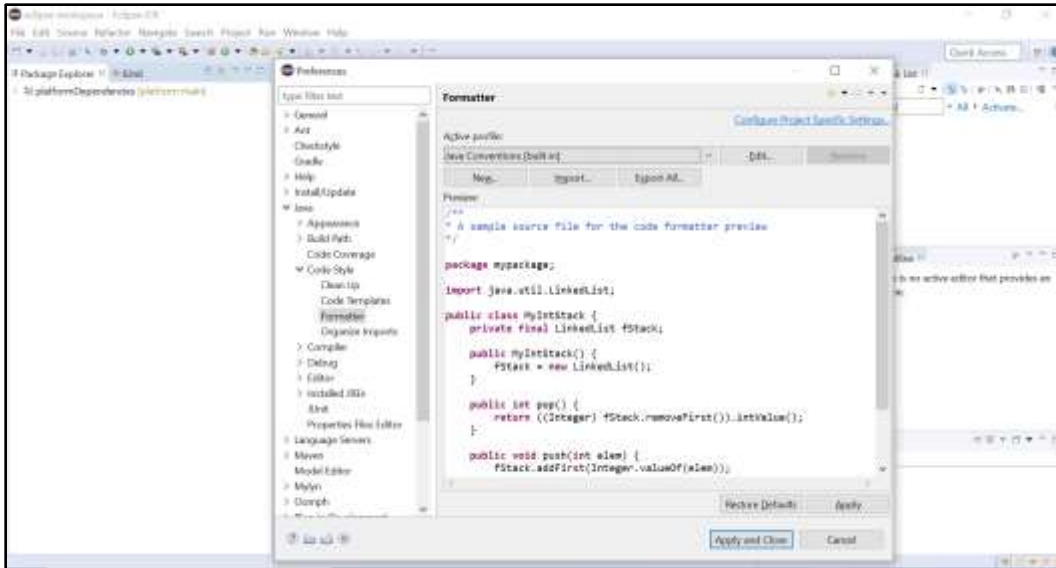
9. From the tool menu Window -> Preferences -> Checkstyle – in case you don't have Checkstyle go to Help -> Eclipse Marketplace and install the Checkstyle Plug-in.



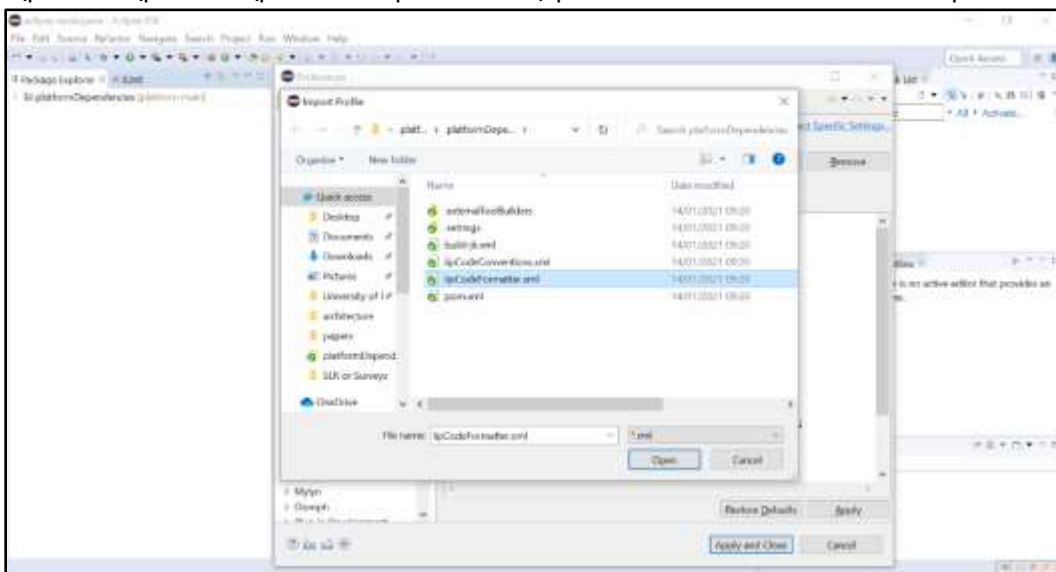
10. Select New and select External Configuration file, insert name "IIP Code Conventions", and browse to the location of the following file in your device – same directory for the selected for Git "`\platform\platform\platformDependencies\iipCodeConventions.xml`" then select OK.



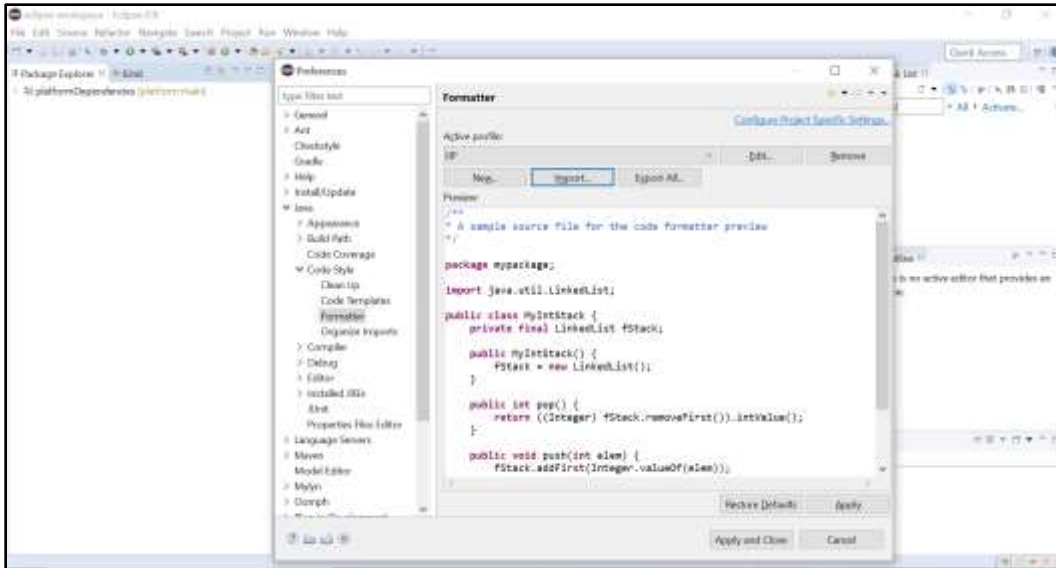
11. Select Java -> Code Style -> Formatter.



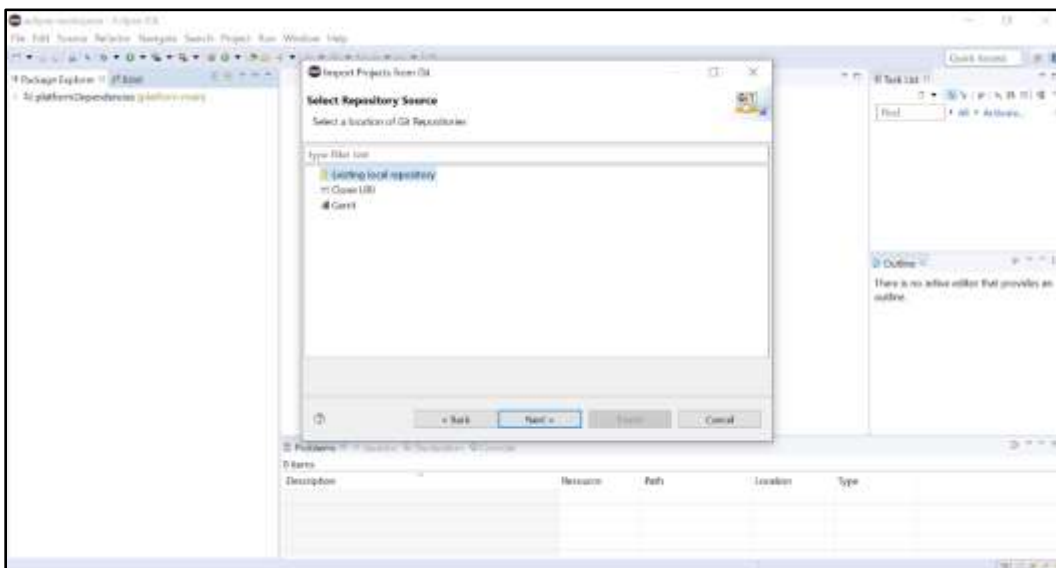
12. Select Import and browse to the location of the Git and select “\platform\platform\platformDependencies\iipCodeFormatter.xml” and click Open.



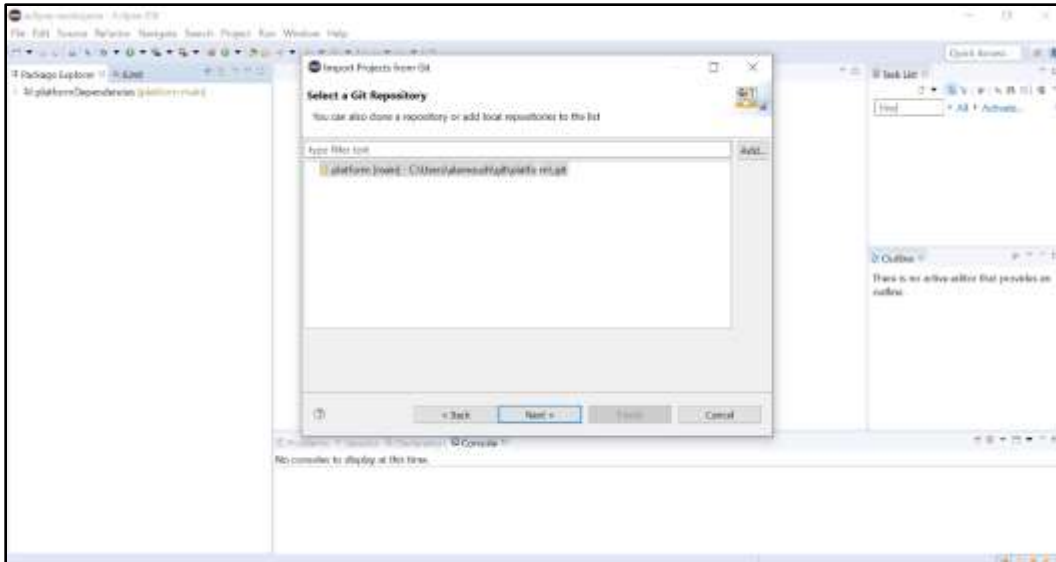
13. Click on Apply and Close.



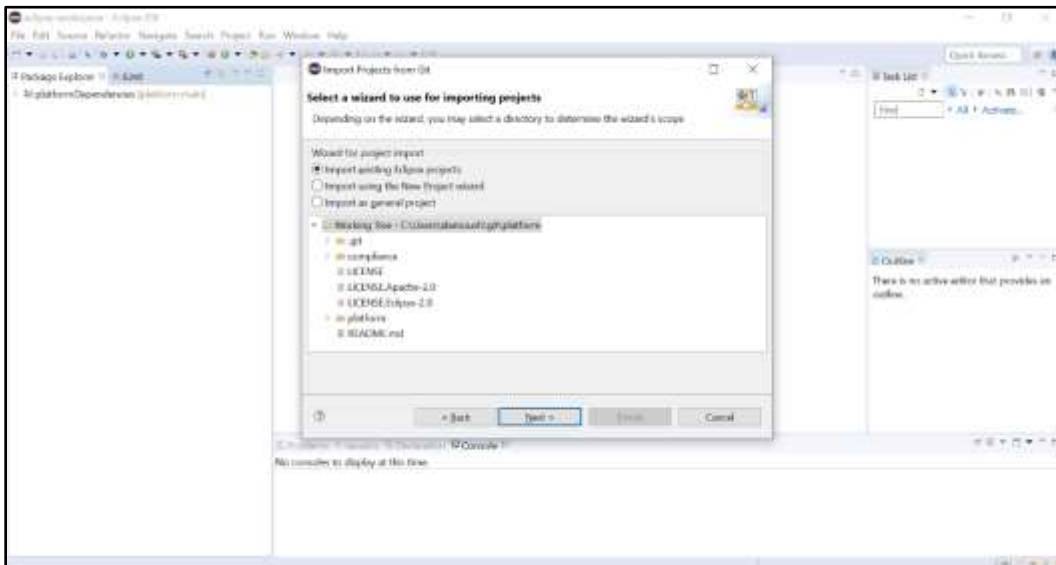
14. From tool menu File -> Import -> Git -> Projects from Git. Select Existing local repository and Next.



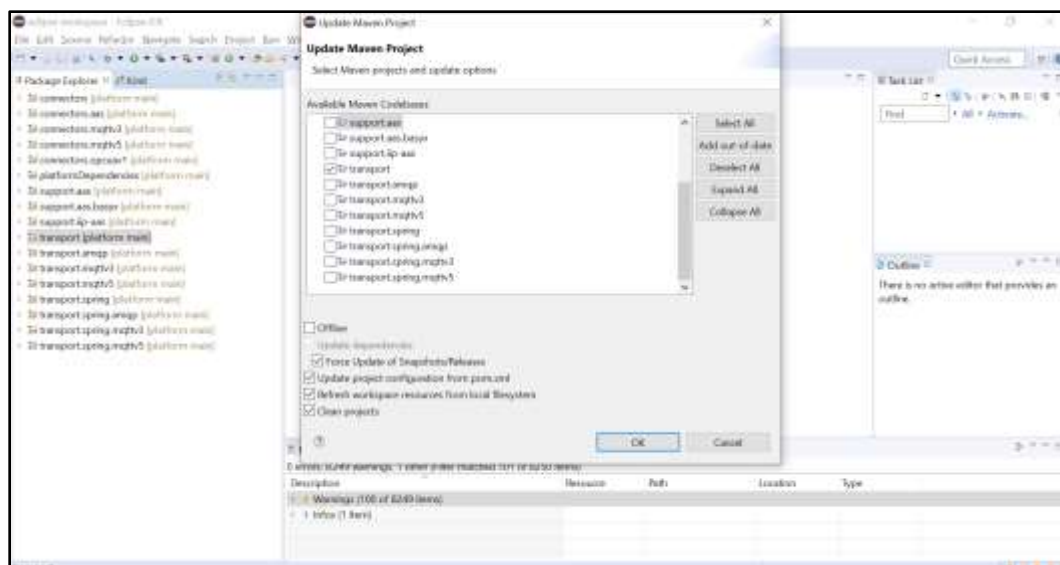
15. Select the repository that You have already cloned “in our case Platform” and Next.



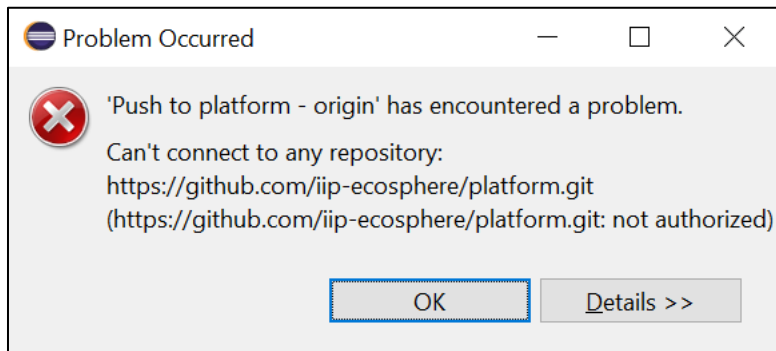
16. Select Import existing Eclipse projects and Next.



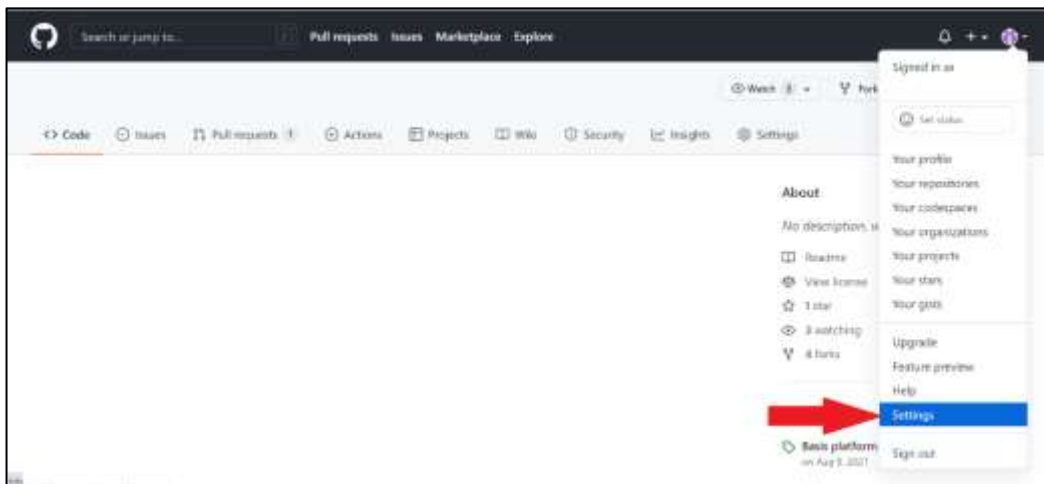
17. Selected the rest of the projects and Finish.



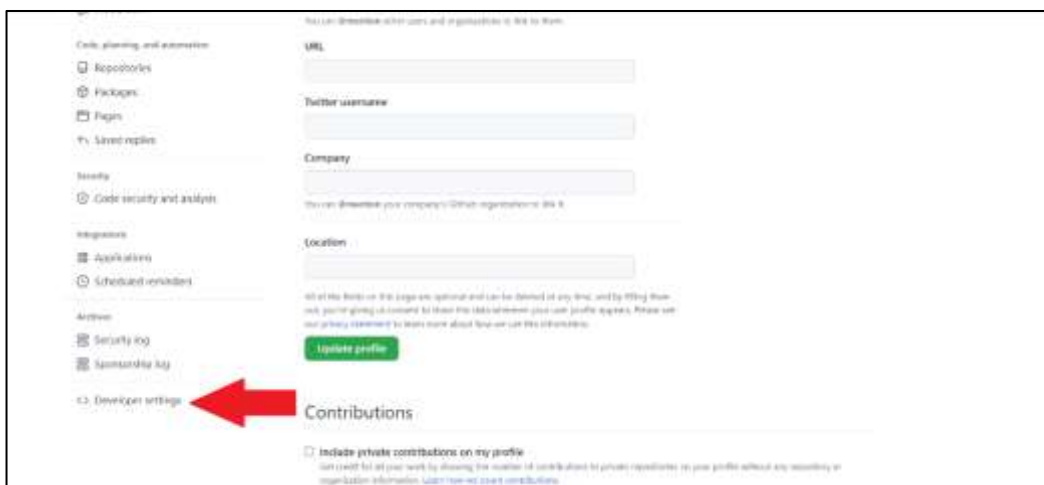
Solving not authorized error in pushing update from Eclipse to GitHub using Personal access tokens from GitHub



1. Select Settings from the account in the GitHub



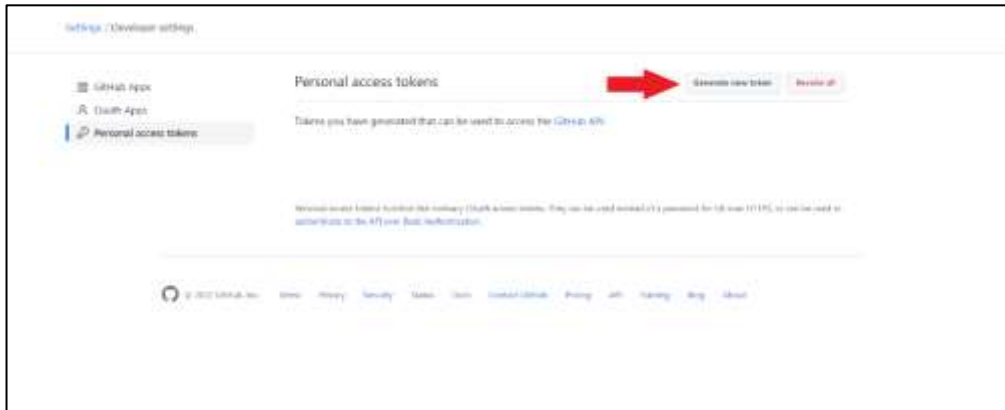
2. From the left Menu select Developer settings



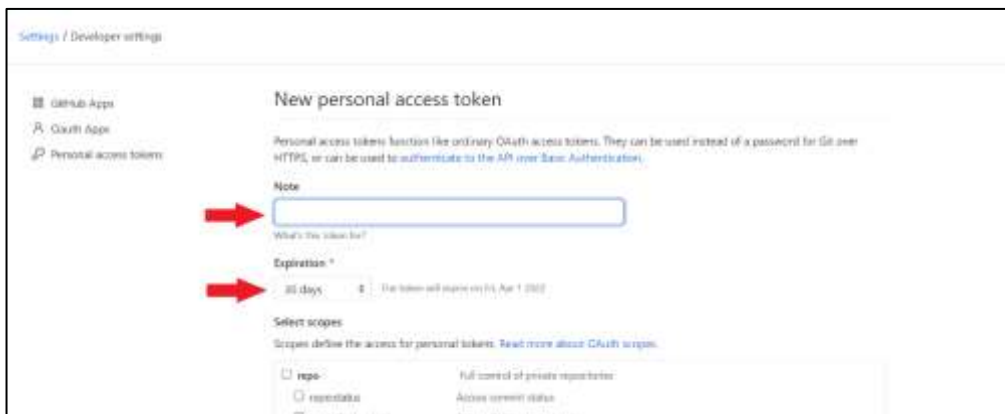
3. Select Personal access tokens



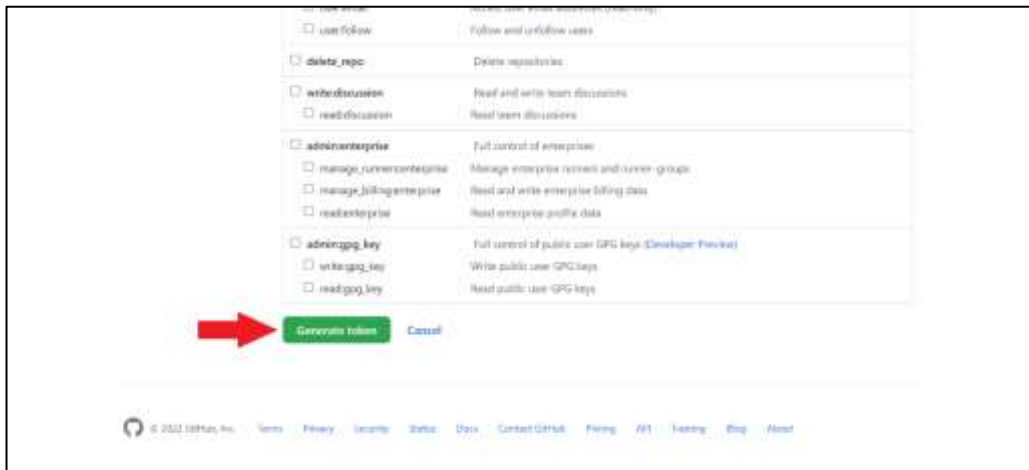
4. Select Generate new token (confirm your password in next page)



5. Add note (optional) and select expiration date for the token



6. You might keep the other option in default setting, click on Generate token



7. Now the token is created, you should use it instead of the password in Eclipse while pushing update.

