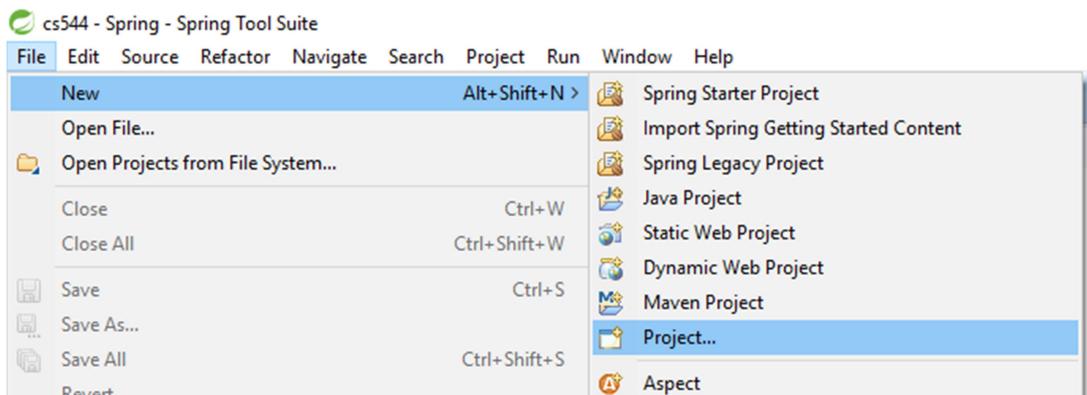


## Exercise 1.5 – Creating a Maven Project and setting the source control with Git

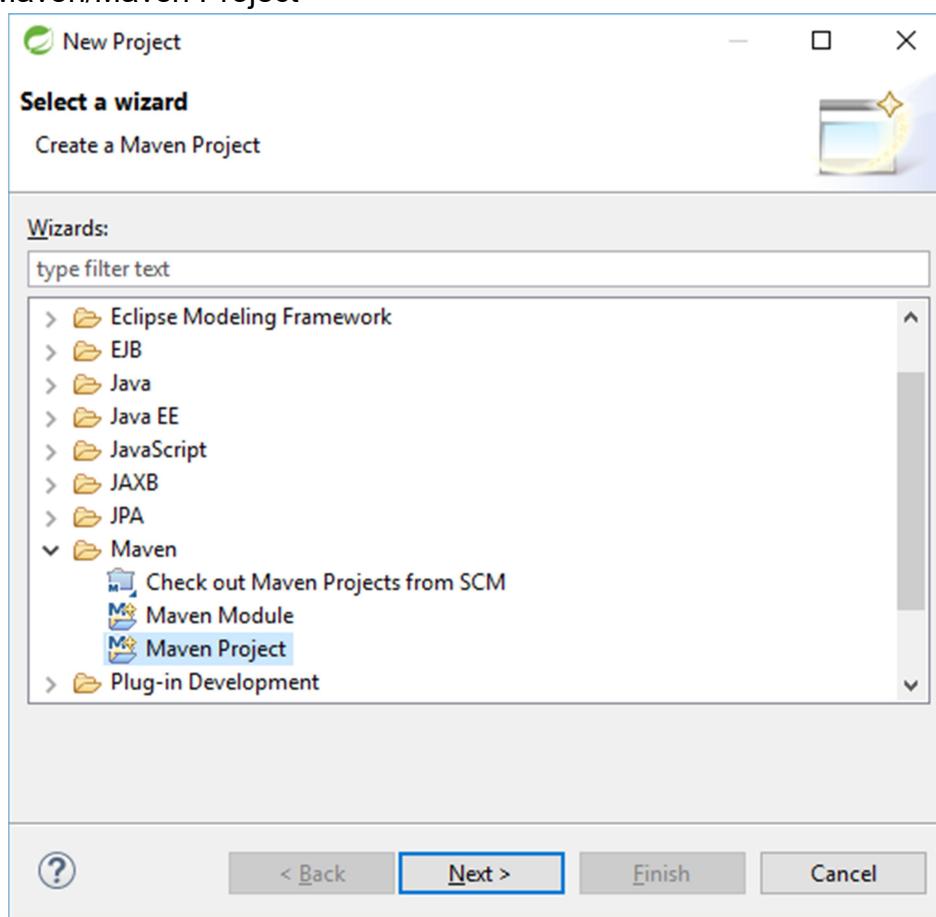
### *Creating a New Maven Project*

Generally you will start your projects with one that is already configured as your base project – the original idea for the SpringBoot project was to provide these base projects. But, if you need to start your own project from scratch you will need to:

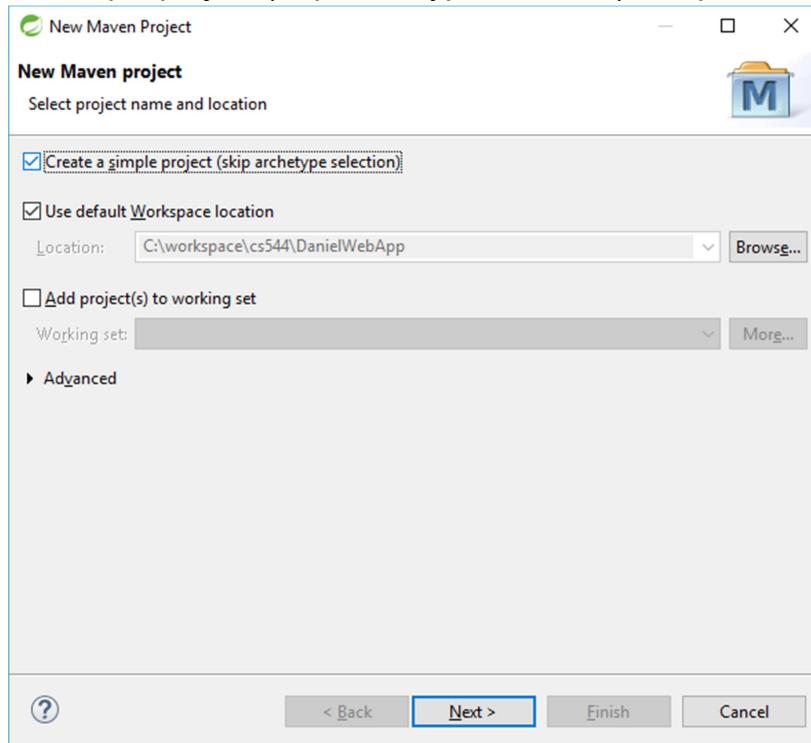
1. Select File/New/Project.. or select Maven Project and skip to step 3.



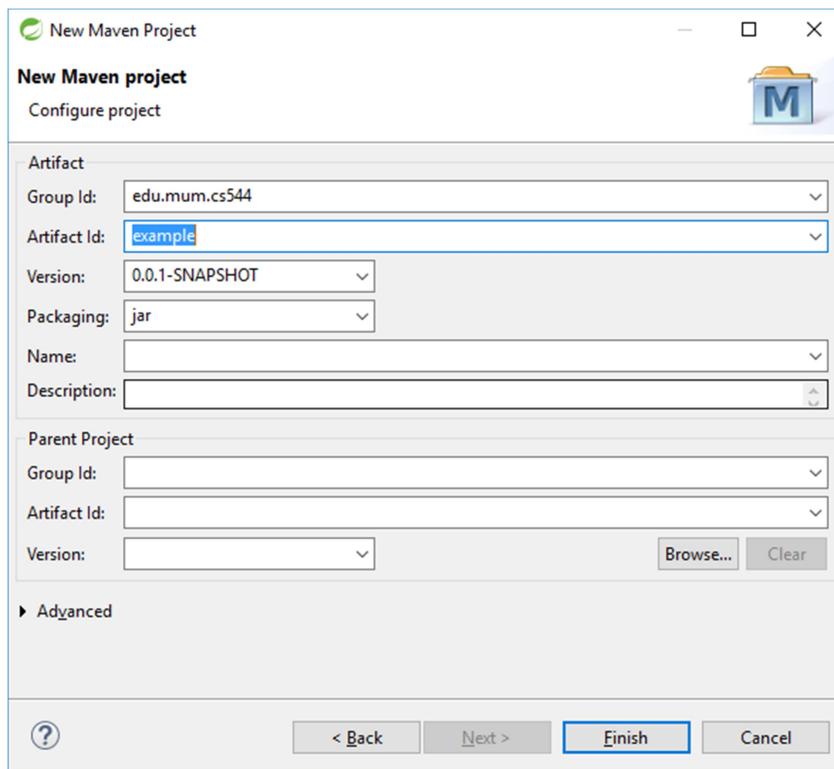
2. Select Maven/Maven Project



3. Select Create a simple project (skip archetype selection) and press Next



4. Define the Group Id: Your company name, following the package format (i.e. org.hibernate). Then define the Artifact Id – the name of the project (i.e. hibernate-core) and any other characteristics of the deliverable of the project. And press Finish



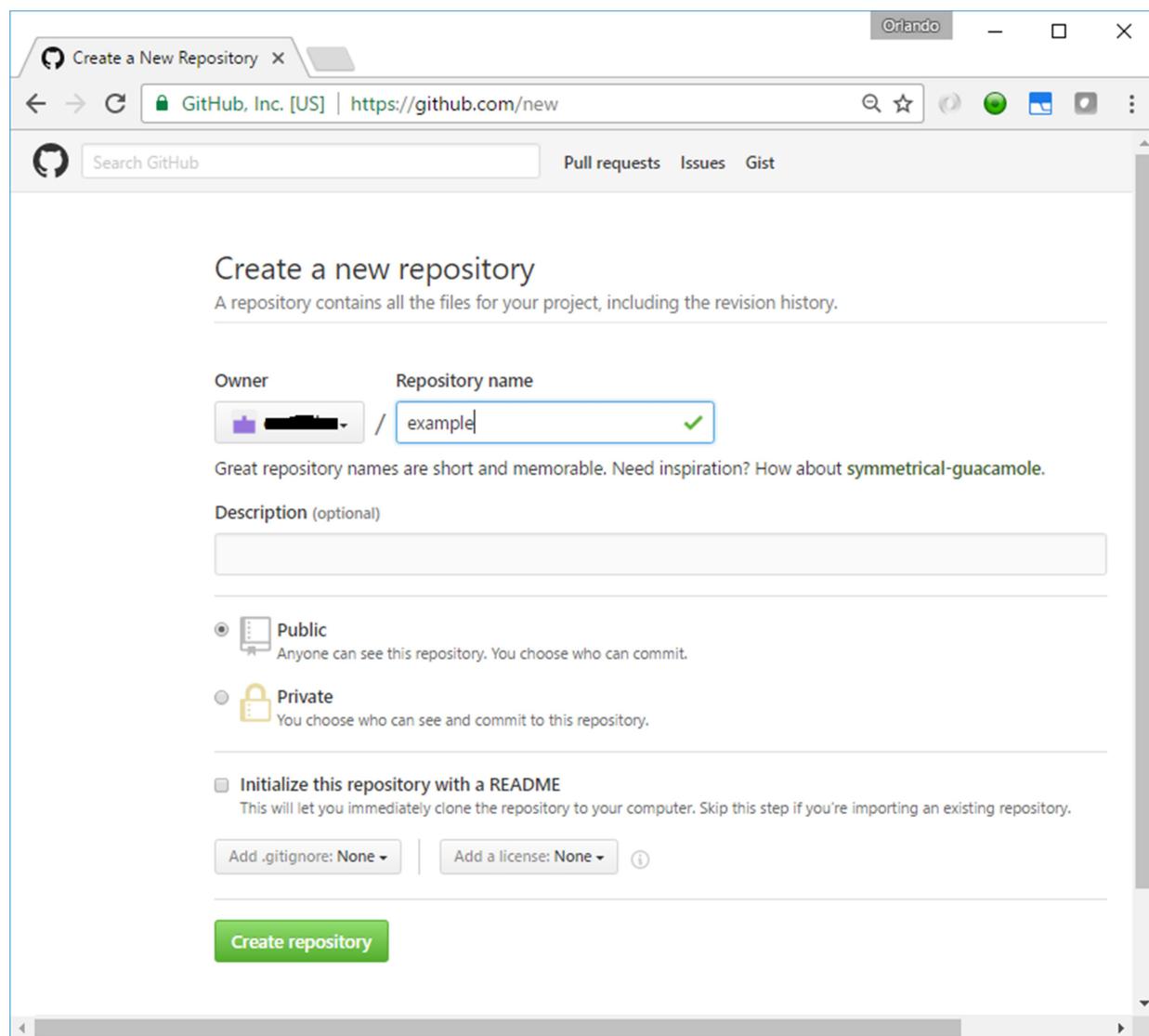
5. Open your pom file. If your environment has the Maven Download repository index updates on startup, then you can use the dependencies tab to add the required libraries to your project. Otherwise, you will need to type in the information of the dependencies on the pom.xml

**Remember to do a Run/Maven Install every time you modify the pom.xml file.**

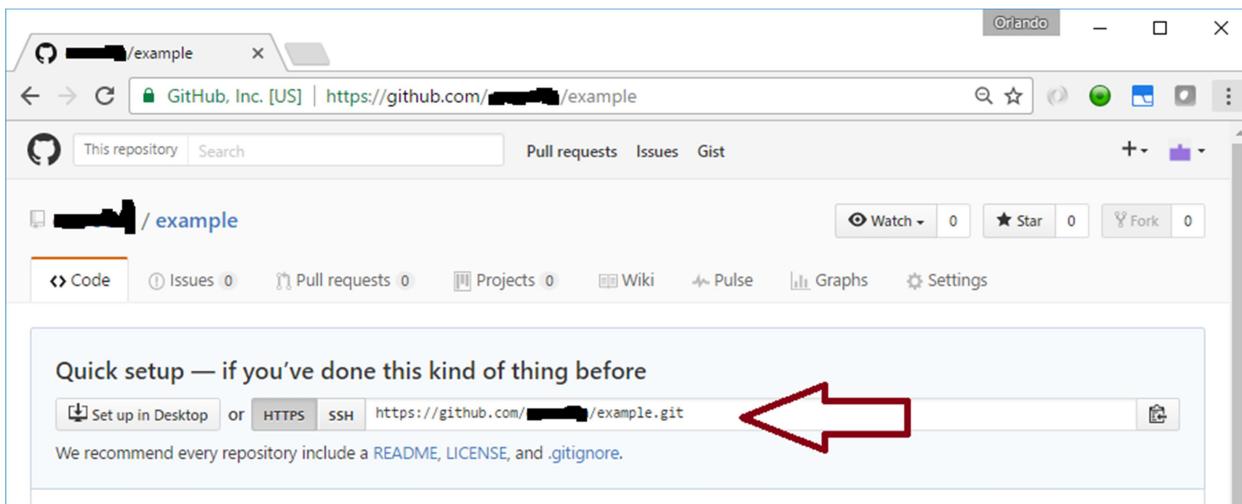
### *[Adding your project to a new Git repository](#)*

1. The first thing that I like to do is to setup a folder on the remote repository that I will use. GitHub and BitBucket offer free public repositories.

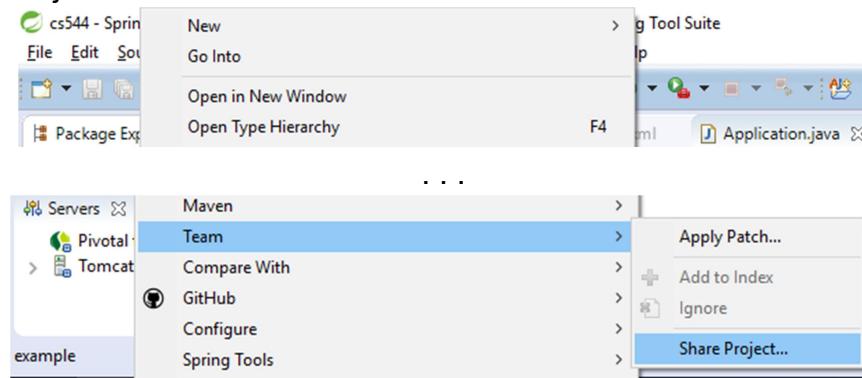
On GitHub you select Create a new repository



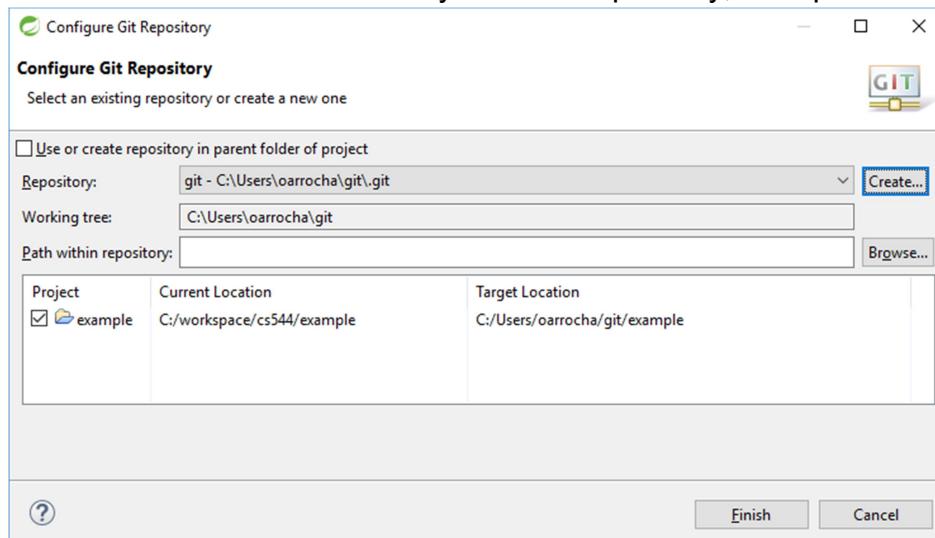
2. You will need the provided URI for step 8 (see arrow)



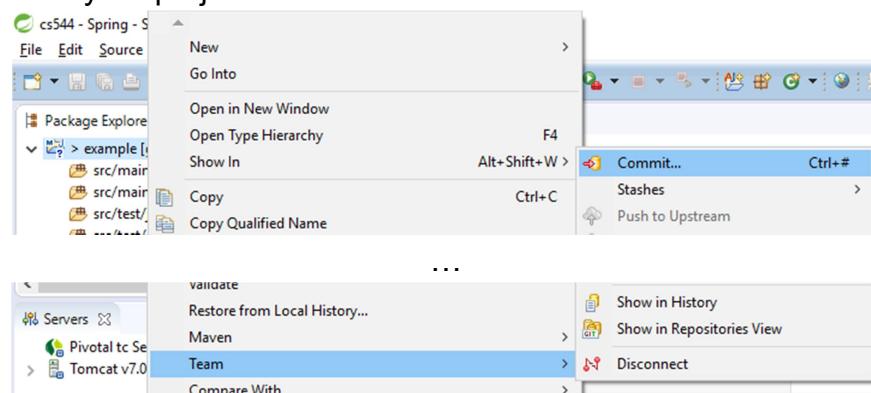
3. In STS/Eclipse, select the you want to add to the repository. Right click and select Team/Share Project...



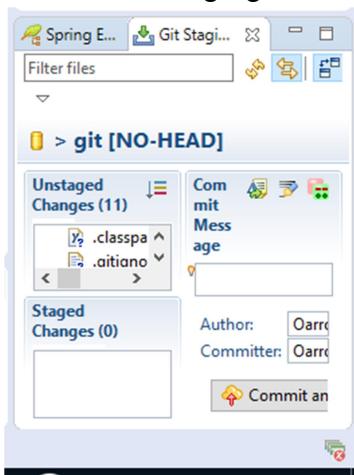
4. Press Create... to select a location for your local repository, then press Finish



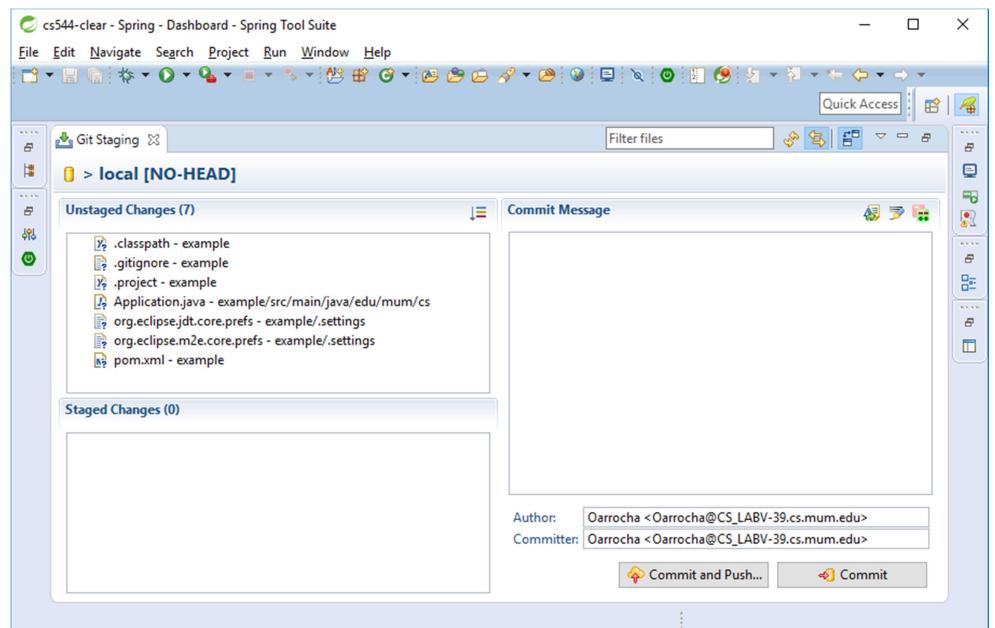
5. Right click over your project and select Team/Commit



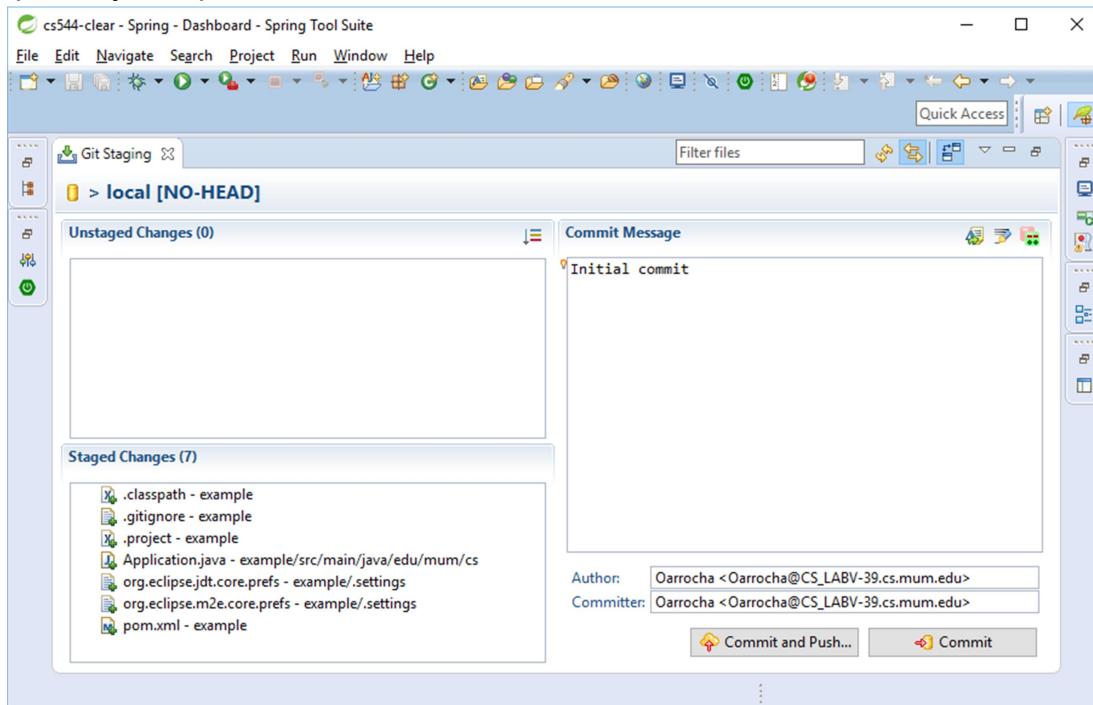
6. The Git Staging window is opened (generally at the right bottom corner of your IDE).



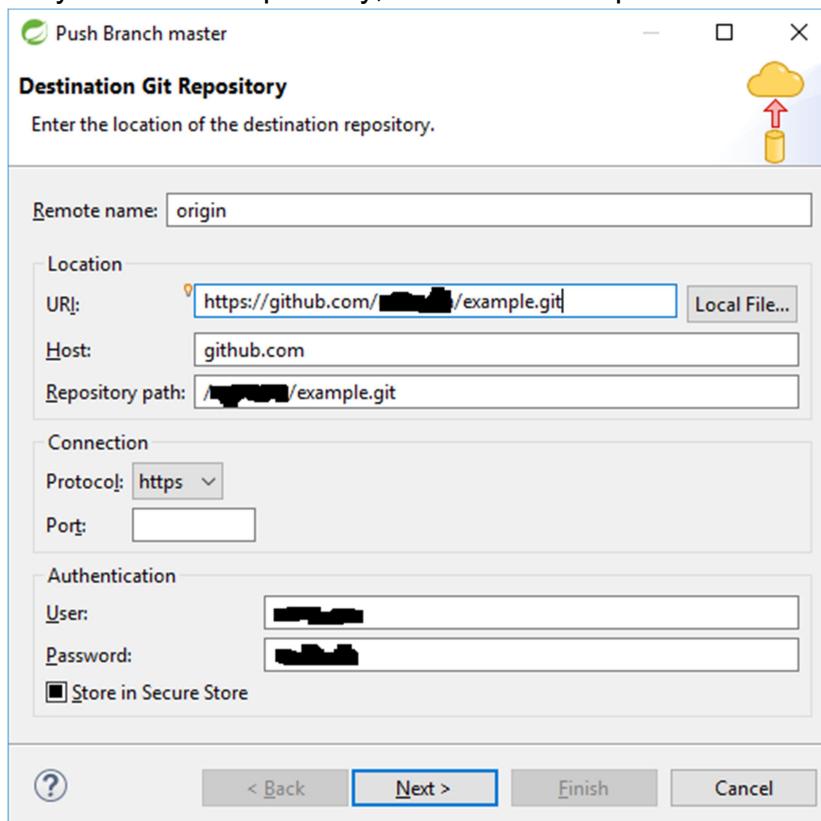
Use the icon on the upper right corner to maximize the view so you will be able to actually see what you write.



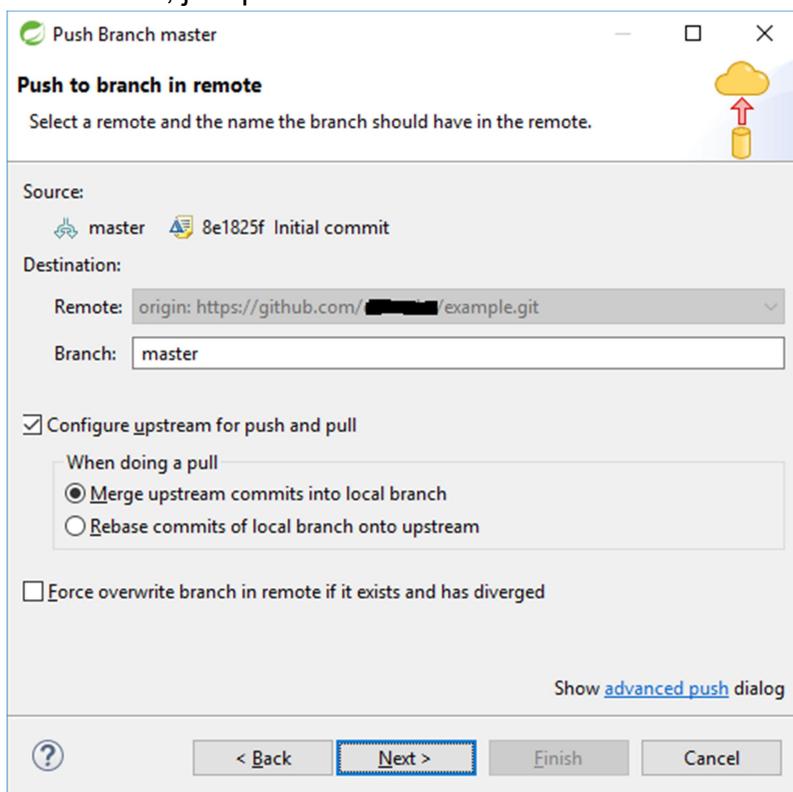
7. Add a comment and move to the Staged Changes the files that you will update onto the repository and press Commit and Push...



8. Set the URI for your remote repository, user name and password and select Next



## 9. Don't change the branch, just press Next



## 10. Confirm the values and press Finish

