

# Lab 2-3 - Build Pipeline

---

In this lab we will specify the build pipeline in Jenkins

## Create Pipeline

1. Navigate to Jenkins if not already there

```
http://{your ip address}:8080/
```

2. Select 'New Item' from the side menu
3. Add a name, like 'Devops demo pipeline' in the text field and select, 'Pipeline' as the item type, then click 'OK'
4. Click the box that says 'GitHub Project'
5. Enter the repository url you saved earlier in the 'Project URL' text field
6. Ignore Build triggers, a build web hook can used to build when code is committed, but we wont implement for this project, we could poll for changes, but in this case we will start builds ourself
7. Under pipeline
  1. Change definition to 'Pipeline script from SCM'
  2. Select 'Git' as the SCM
  3. enter the repository Url from before in the 'Repository Url' text field
  4. we kept our fork public so don't need any credentials
  5. Make sure the Script Path is 'Jenkinsfile'
8. Hit save at the bottom of the screen
9. Once back at the main screen, click on your new build pipeline
10. select 'Build now' from the side menu, and hopefully it will Initialise, Checkout, Prune and Build okay