**CI/CD Pipeline Scripts**

**Below Is the Pipeline Script Used In Jenkins Pipeline Project**

**Github** :

[**https://github.com/absuri/Myrepo.git**](https://github.com/absuri/Myrepo.git)

**node ('master'){**

**stage ('C-Download') {**

**git 'https://github.com/absuri/Myrepo.git'**

**}**

**stage ('C-Build') {**

**sh 'mvn package'**

**}**

**stage ('C-Deploy') {**

**sh 'scp /var/lib/jenkins/workspace/Dev-pipe2/webapp/target/webapp.war ubuntu@172.31.87.77:/var/lib/tomcat8/webapps/test.war'**

**}**

**stage ('C-Testing') {**

**git 'https://github.com/absuri/FunctionalTesting.git'**

**sh 'java -jar testing.jar'**

**}**

**stage ('C-Release') {**

**sh 'scp /var/lib/jenkins/workspace/Dev-pipe2/webapp/target/webapp.war ubuntu@172.31.87.77:/var/lib/tomcat8/webapps/prod.war'**

**}**

**}**

**Explanation:**

1. First we have to setup Jenkins-Master & Slave on different machines.
2. On node before running the job Java & Maven should be installed.
3. While creating a new job in Jenkins use Project type as a pipeline
4. Then mention the below pipeline script under the pipeline.

* Under stage-C Download, I've mentioned my GitHub repository in this repository I have mentioned my maven file in that
* Under Stage-C Build I mentioned creating a package by using Maven as a build tool.
* Under Stage-C Deploy I mentioned deploying War package on Tomcat server.

1. After written the script I saved the job & ruined it than build got success.

War package also deployed on Tomcat server.