Architect Academy Talent Transformation

## DEVOPS PROFESSIONAL CERTIFICATION PROGRAM

## Lab – 5: Maven Job - Git+Maven+Jenkins

- > Create Maven Project in Jenkins and configure SCM + Maven
- > Execute maven goals (tasks) and track build history

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• Using maven project (Demo1) created (quickstart type) in previous Lab

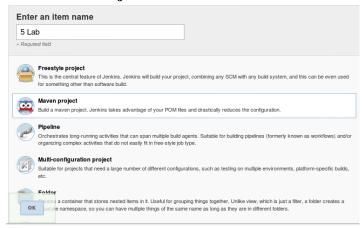
```
osgdev@DevOpsOS-TR:~/ap/GettingStarted/mavenProcess$ tree

Demo1
pom.xml
src
devops
App.java
test
java
com
devops
AppTest.java
lo directories, 3 files
```

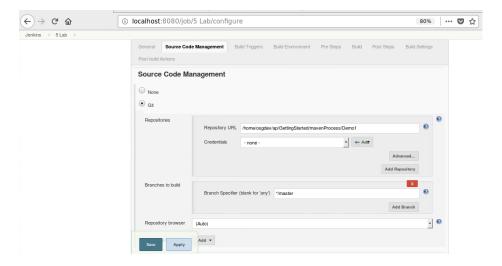
Project working directory initialize with git repository and commit.

```
@DevOpsOS-TR: ~/ap/GettingStarted/mavenProcess/Demo1
osgdev@DevOpsOS-TR:~/ap/GettingStarted/mavenProcess/Demo1$ ls
nom.xml src
osgdev@DevOpsOS-TR:~/ap/GettingStarted/mavenProcess/Demo1$ git init
Initialized empty Git repository in /home/osgdev/ap/GettingStarted/mavenProcess/Demol/.git/
osgdev@DevOpsOS-TR:~/ap/GettingStarted/mavenProcess/Demo1$ git add .
osgdev@DevOpsOS-TR:~/ap/GettingStarted/mavenProcess/Demo1$ git commit -m "Intitial Code Base"
[master (root-commit) 9c423bd] Intitial Code Base
 Committer: osgdev <osgdev@DevOpsOS-TR.wipro.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:
    git config --global --edit
After doing this, you may fix the identity used for this commit with:
    git commit --amend --reset-author
 3 files changed, 69 insertions(+)
 create mode 100644 pom.xml
 create mode 100644 src/main/java/com/devops/App.java
 create mode 100644 src/test/java/com/devops/AppTest.java
osgdev@DevOpsOS-TR:~/ap/GettingStarted/mavenProcess/Demo1$
```

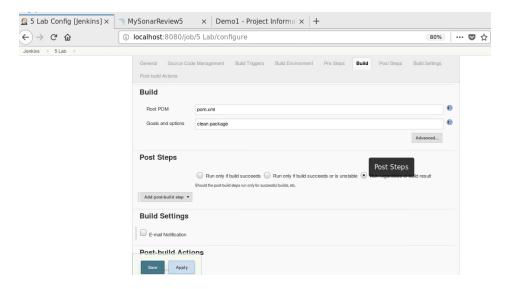
• Create Jenkins Job – Maven Project



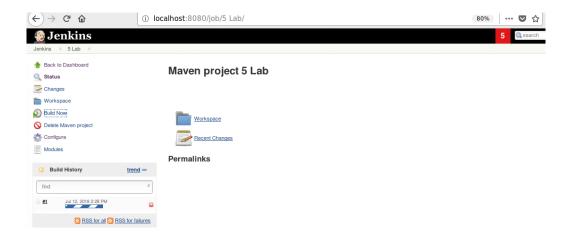
• Configure SCM – Git with git local repository path



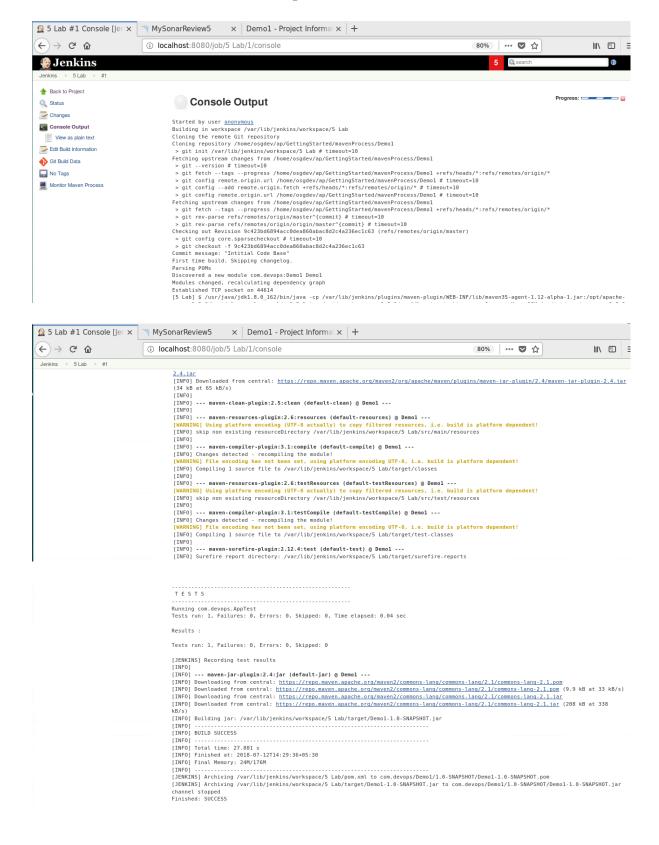
• Configure Build with maven valid goal(s)



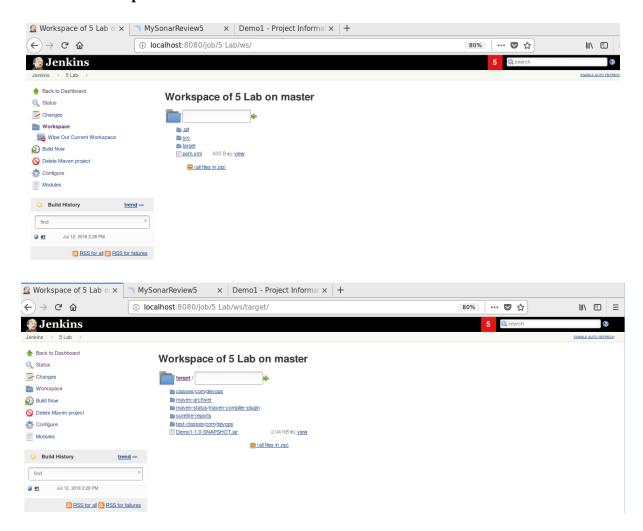
• Save Configuration and Build by selecting "Build Now"



## Observe and understand build process on Jenkins Console



• Browse workspace and view folder/files



Repeat build process by changing goal and observe the response with history.