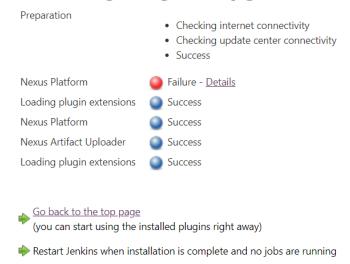
Experiment No. 10

Nexus Integration with Jenkins

Install plugins:

Installing Plugins/Upgrades

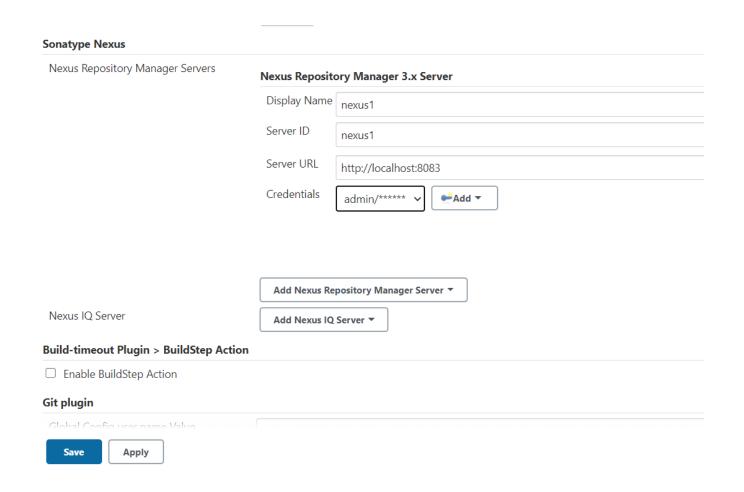


Configure jdk path:

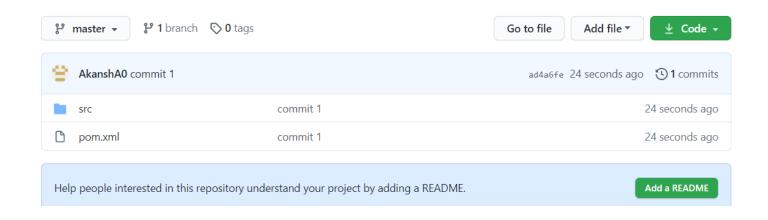


| Maven Configuration | |
|----------------------------------|--|
| Default settings provider | Use default maven settings |
| | |
| Default global settings provider | Use default maven global settings |
| JDK | |
| | Add JDK |
| | JDK |
| | Name java |
| | JAVA_HOME C:\Program Files\Java\jdk1.8.0_261 |
| | ☐ Install automatically |
| | |
| | Add JDK |
| | List of JDK installations on this system |
| Git | |
| Git installations | *** |
| | Git |
| | Name Default |

Configure nexus repository manager server:



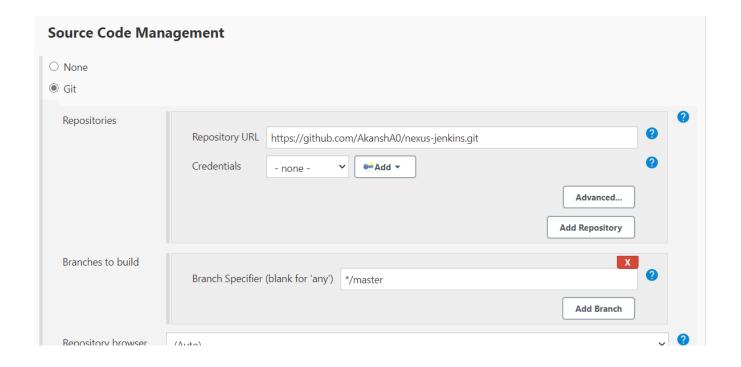
Upload maven project on github:

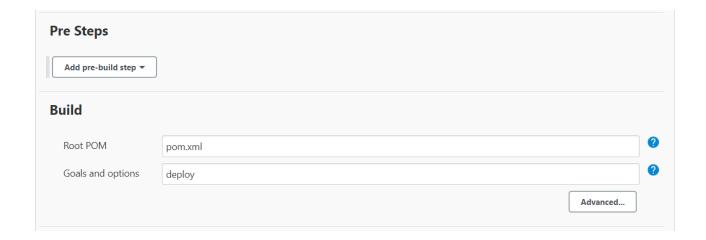


In pom.xml

```
<distributionManagement>
<snapshotRepository>
<id>lab9</id>
<name>repo1_cicd_lab</name>
<url>http://localhost:8083/repository/jenkins_nexus_cicd_lab/</url>
</snapshotRepository>
</distributionManagement>
```

Create and configure maven project on Jenkins:





onsole output:

```
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\Users\akkan\.jenkins\workspace\nexus-jenkins\src\main\resources
[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ app-on-nexus ---
[INFO] Changes detected - recompiling the module!
[WARNING] File encoding has not been set, using platform encoding Cp1252, i.e. build is platform dependent!
[INFO] Compiling 1 source file to C:\Users\akkan\.jenkins\workspace\nexus-jenkins\target\classes
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ app-on-nexus ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\Users\akkan\.jenkins\workspace\nexus-jenkins\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ app-on-nexus ---
[INFO] Changes detected - recompiling the module!
[WARNING] File encoding has not been set, using platform encoding Cp1252, i.e. build is platform dependent!
[INFO] Compiling 1 source file to C:\Users\akkan\.jenkins\workspace\nexus-jenkins\target\test-classes
[INFO]
[INFO] --- maven-surefire-plugin:2.22.1:test (default-test) @ app-on-nexus ---
[INFO]
[INFO] -----
[INFO] TESTS
[INFO] -----
[INFO] Running com.mycompany.app.AppTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.036 s - in com.mycompany.app.AppTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[JENKINS] Recording test results
[INFO]
[INFO] --- maven-jar-plugin:3.0.2:jar (default-jar) @ app-on-nexus ---
[INFO] Building jar: C:\Users\akkan\.jenkins\workspace\nexus-jenkins\target\app-on-nexus-1.0-SNAPSHOT.jar
```

On nexus server:

