

# Experiment 10

## Integrating Nexus with Jenkins

- 1) Create a Jenkinsfile mentioning what to do and a pipeline to create.

```
25 lines (25 sloc) | 335 Bytes
1 pipeline{
2   agent any
3   stages{
4     stage('Build'){
5       steps{
6         mvn build
7       }
8     }
9     stage('Test'){
10      steps{
11        mvn test
12      }
13    }
14    stage('Clean'){
15      steps{
16        mvn clean
17      }
18    }
19    stage('Deploy'){
20      steps{
21        mvn deploy
22      }
23    }
24  }
25 }
```

- 2) Configure Nexus in Jenkins configuration after installing the Nexus plugin.

Sonatype Nexus

Nexus Repository Manager Servers

Nexus Repository Manager 3.x Server

Display Name

NexusServer

Server ID

MyNexus

Server URL

http://localhost:8081/

Credentials

admin/\*\*\*\*\*

Add

Test connection

Delete

Add Nexus Repository Manager Server

Nexus IQ Server

Add Nexus IQ Server

Extensible Choice: Available Choice Providers

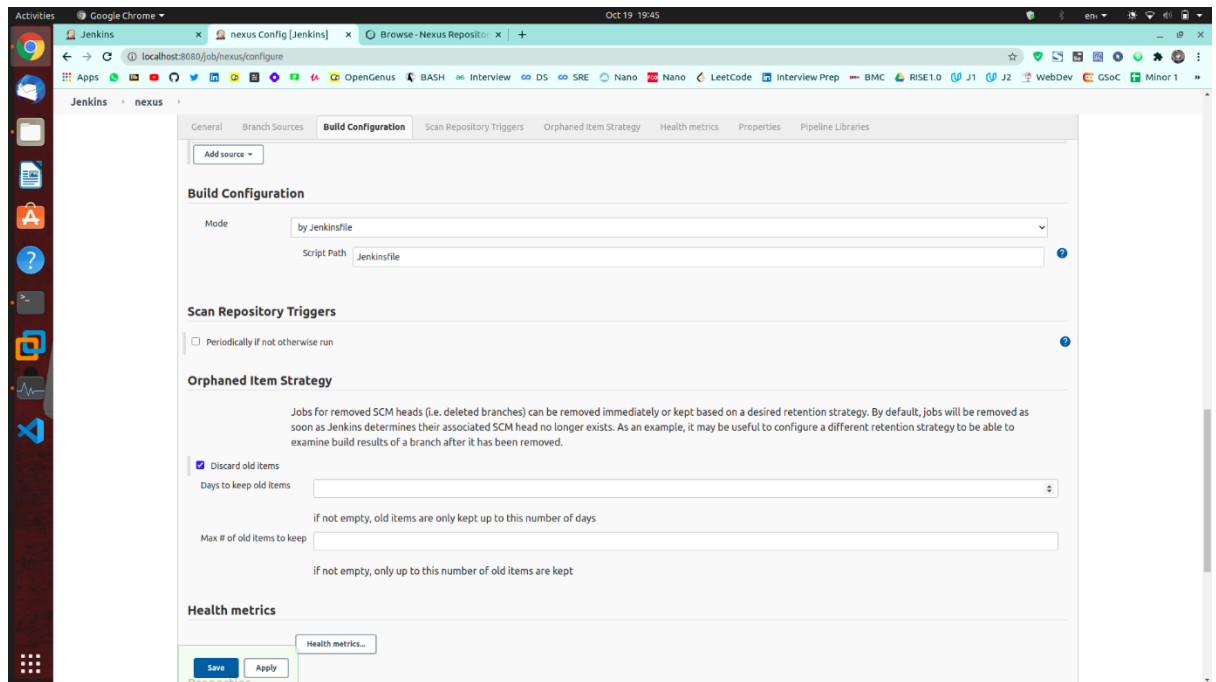
☒ Artifactory Artifact Choice Parameter

☒ File Choice Parameter

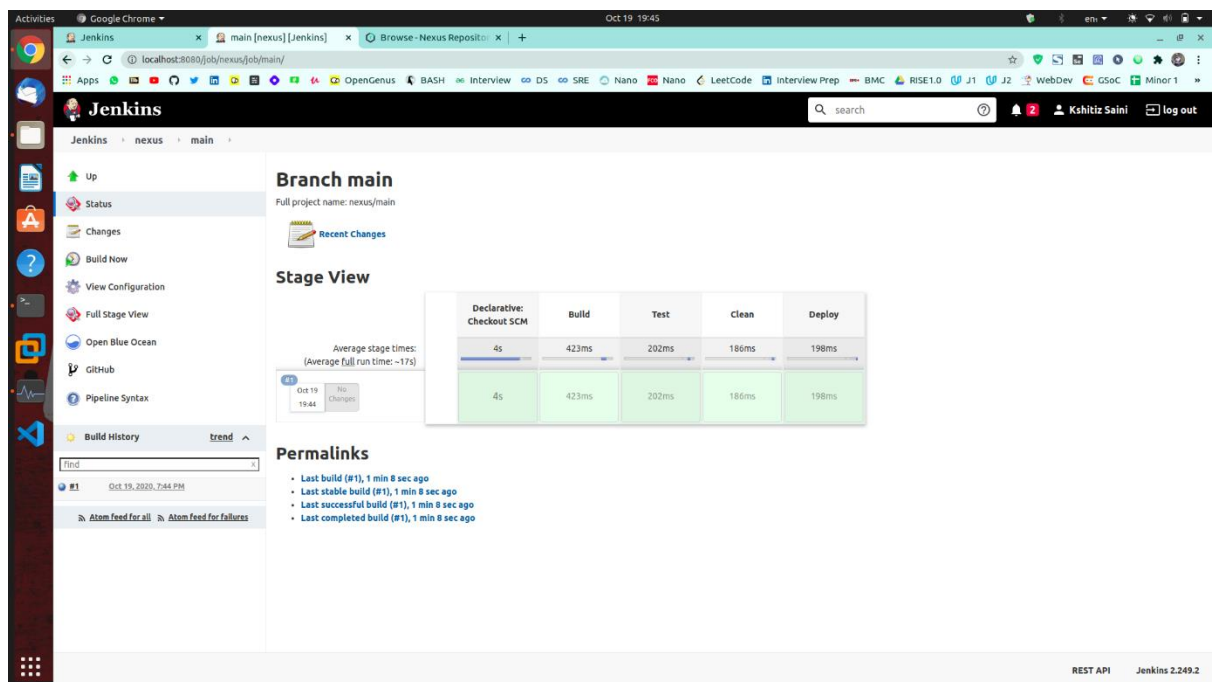
☒ Global Choice Parameter

Add New Choice List

- 3) Create a Jenkins pipeline and specifying the build configuration by Jenkinsfile.



- 4) Build the project and the file can be viewed on Nexus repository.



5) The repository is available on Nexus repo.

