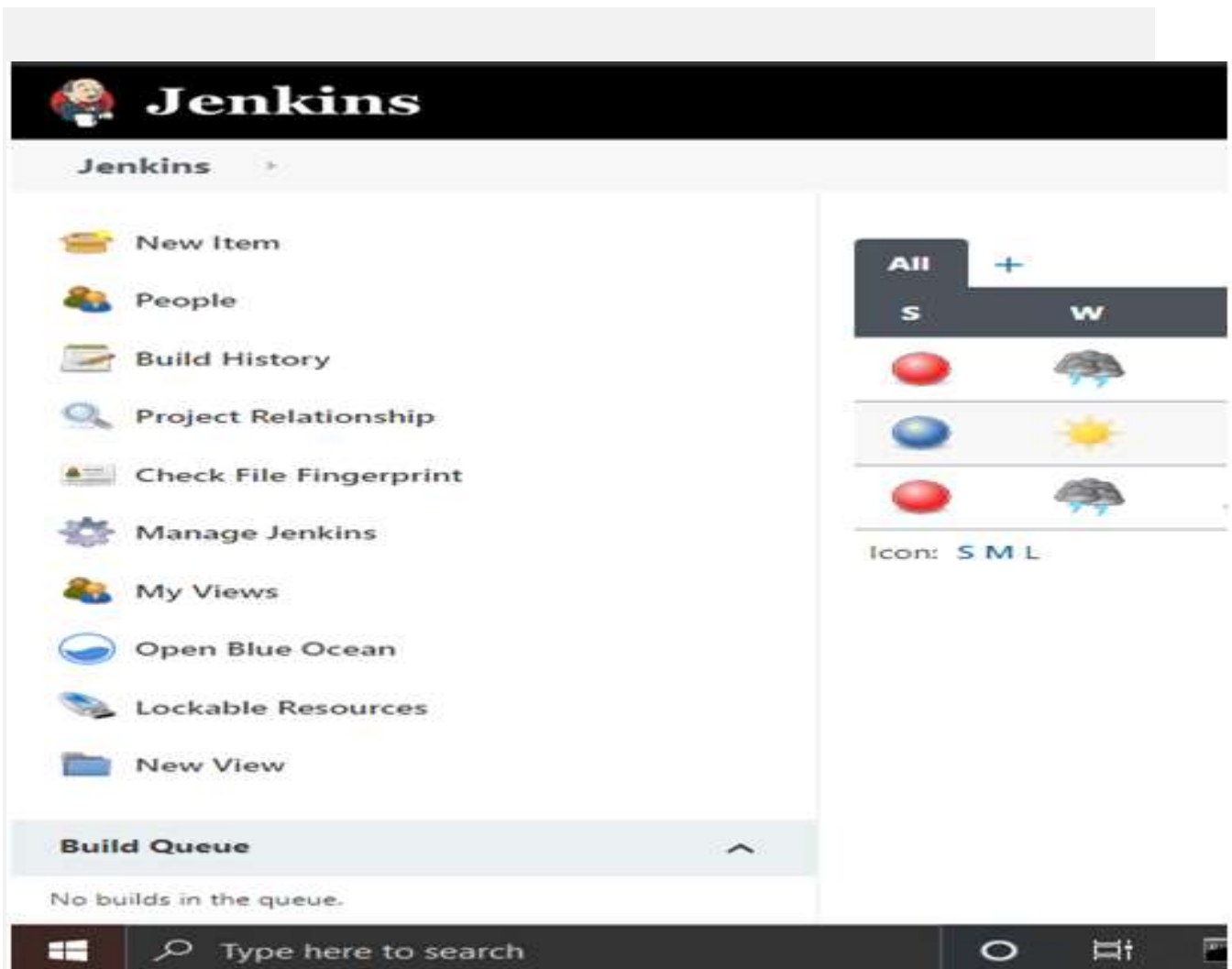


Experiment-4

Create Jenkins Pipeline

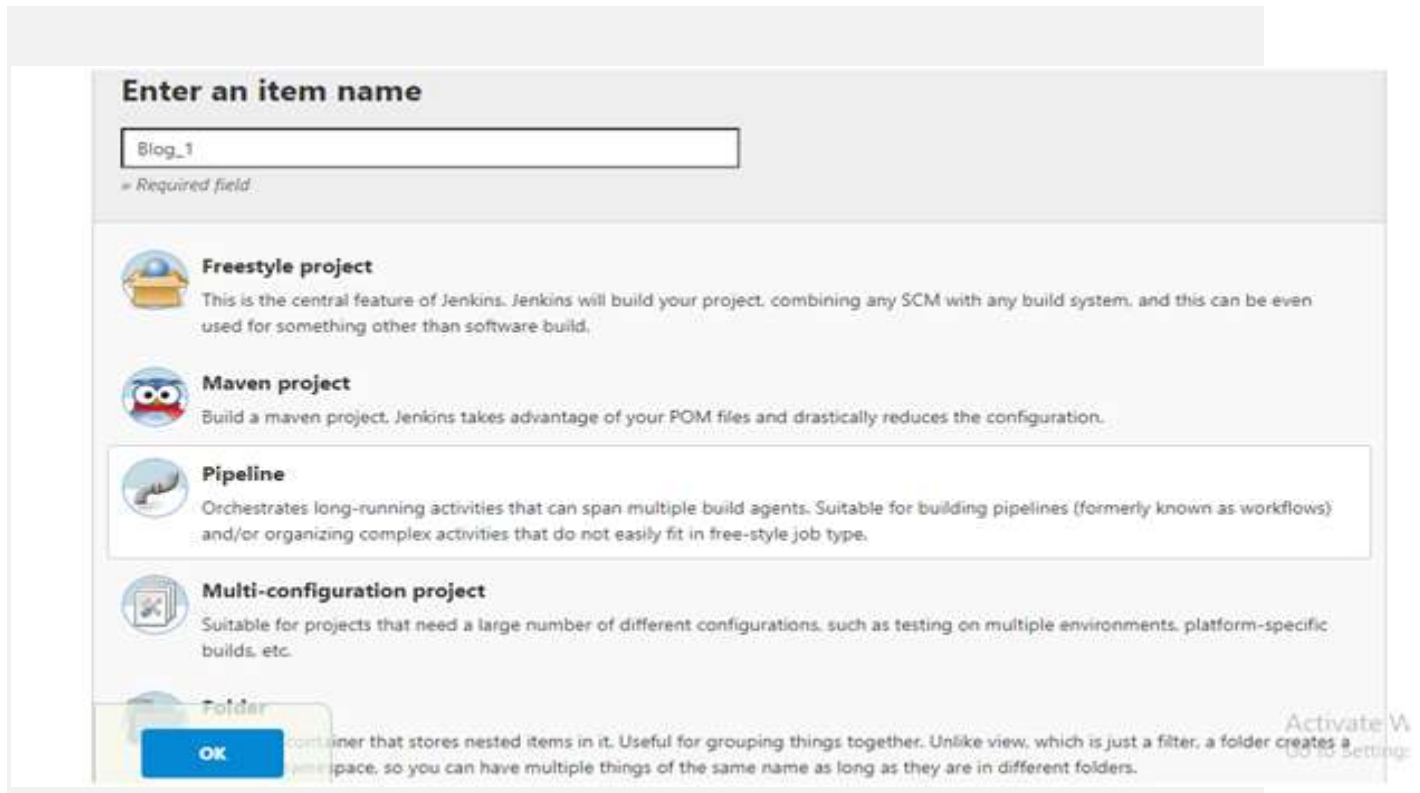
Step-1

Click on New Item



Step 2

Give a Name to your Item and Click On Pipeline and then click OK



The screenshot shows the 'Enter an item name' dialog box in Jenkins. At the top, there is a text input field containing 'Blog_1' and a label 'Required field'. Below this, there are four options, each with an icon and a description:

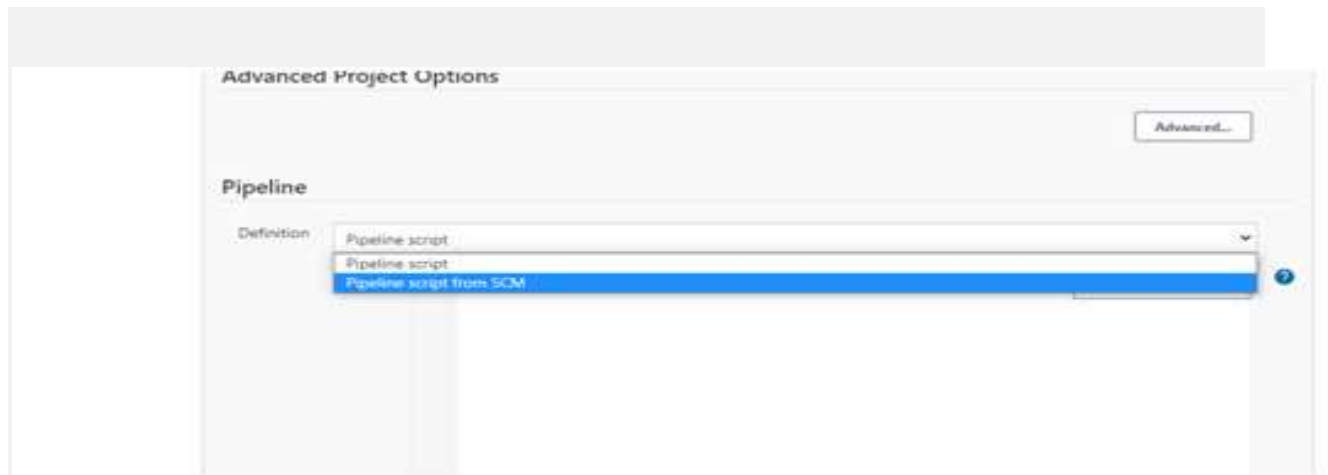
- Freestyle project**: This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.
- Maven project**: Build a maven project. Jenkins takes advantage of your POM files and drastically reduces the configuration.
- Pipeline**: Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.
- Multi-configuration project**: Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.

At the bottom, there is a 'Folder' option with a description: 'A container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a namespace, so you can have multiple things of the same name as long as they are in different folders.' There is a blue 'OK' button and a link to 'Activate Windows' in the bottom right corner.

Step-3

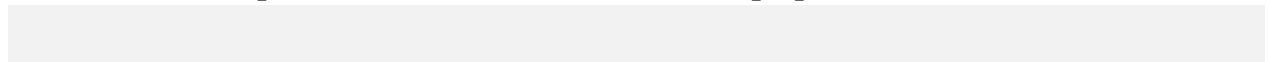
Change Pipeline Definition to “Pipeline Script from SCM”

And SCM to “Git”



Step -4

Make a Repo on GitHub for this pipeline



master 1 branch 0 tags

Go to file

Add file

Code

About

No description, website, or topics provided.

Releases

No releases published

Packages

No packages published

Languages

Java 100% to Settings to acquire Windows

hkshitesh Update Jenkinsfile	4 minutes · 3 hours ago	6 commits
src/main/java/test/Jenkinsfile	Add files via upload	4 hours ago
Jenkinsfile	Update Jenkinsfile	3 hours ago
pom.xml	Update pom.xml	3 hours ago

master

tes_jenkins_file / Jenkinsfile



hkshitesh Update Jenkinsfile

1 contributor

15 lines (15 sloc) | 216 Bytes

```
1 pipeline{
2   agent any
3   stages{
4     stage('Build'){
5       steps{
6         echo 'Build Stage'
7       }
8     }
9     stage('Test'){
10      steps{
11        bat 'mvn clean'
12      }
13    }
14  }
15 }
```

Step-5

Copy Repo URL and then SAVE

Git

Repositories

Repository URL

Credentials

Branches to build

Branch Specifier (blank for 'any')

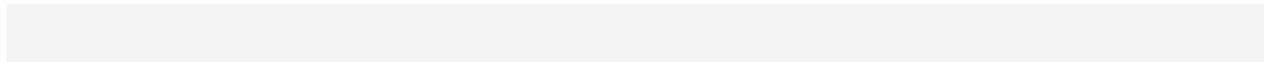
Repository browser

Additional Behaviours

Activate Windows

Step 6

Click on Build Now and check the Console Output



Back to Dashboard

Status

Changes

Build Now

Configure Disabled

Delete Pipeline

Full Stage View

Open Blue Ocean

Rename

Pipeline Syntax

Build History

trend ^

Pipeline Blog_1

Recent Changes

Stage View

No data available. This Pipeline has not yet run.

Permalinks

Now, your build is successful.

Jenkins - Blog_1 - #1

```
Build Stage
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] | (Test)
[Pipeline] test

C:\Users\delij\jenkins\workspace\Blog_1\new clean
[INFO] Scanning for projects...
[INFO]
[INFO] --- test:jenkinsfile:test:jenkinsfile ---
[INFO] Building test:jenkinsfile 0.0-1-SNAPSHOT
[INFO]
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ test:jenkinsfile ---
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 4.456 s
[INFO] Finished at: 2020-06-20T22:25:09+03:00
[INFO]
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withMaven
[Pipeline] }
[Pipeline] // with
[Pipeline] end of Pipeline
Finished: SUCCESS
```

Active
6m 35s

PIPELINE:-

Pipeline Blog_1



Recent Changes

Stage View

Average stage times:
(Average full run time: ~36s)

#1

Aug 25
15:24

No
Changes

Declarative:
Checkout SCM

Build

Test

10s

899ms

4s

10s

899ms

4s

