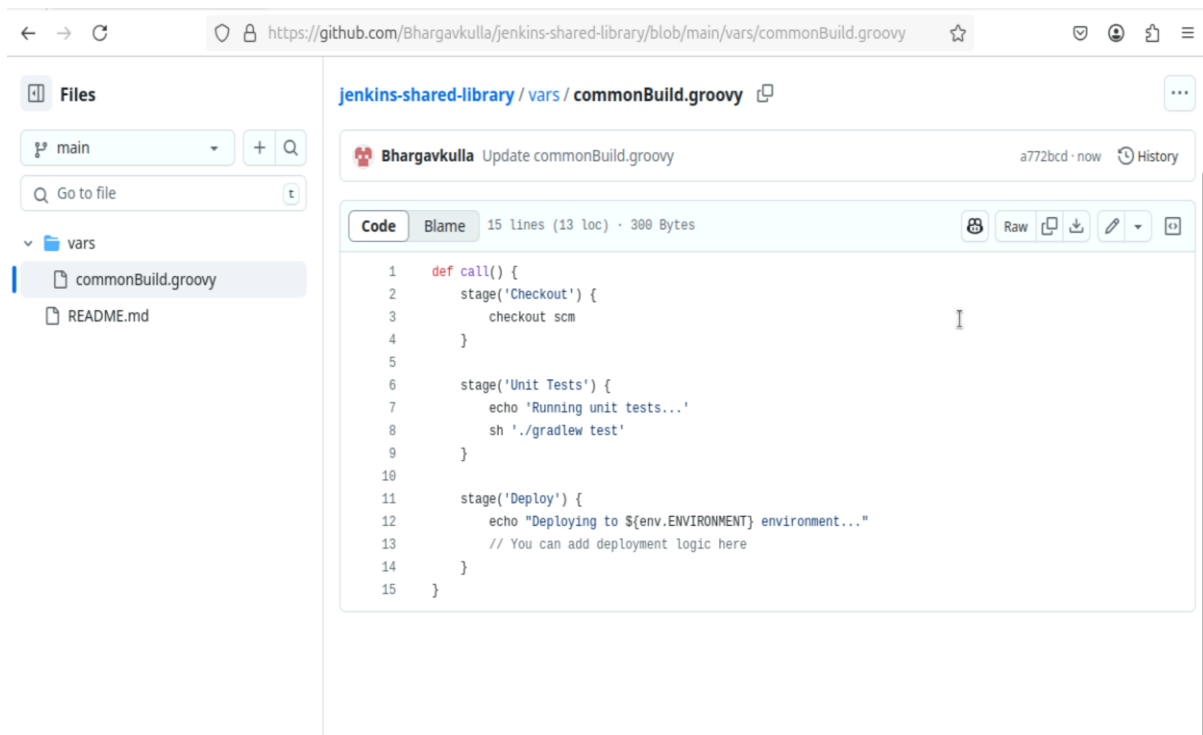


Creating and using a Shared Library in JENKINS

1)Created two repositories

i)jenkins-shared-library



ii)jenkins-shared which contains vars/commonGroovy file



2)And then added the sharedlibrary in the configure in System Configuration and then Save/Apply it

3) Created a pipeline myservice

Dashboard > Manage Jenkins > System >

Retrieval method

Modern SCM

Loads a library from an SCM plugin using newer interfaces optimized for this purpose. The recommended option when available.

Source Code Management

Git

Project Repository ?

<https://github.com/Bhargavkulla/jenkins-shared-library.git>

Credentials ?

- none -

+ Add

Behaviors

Discover branches ?

Add

4)Next created a pipeline for myservice-build and started building

Configure

Delete Pipeline

Full Stage View

Stages

Rename

Pipeline Syntax

Average stage times: (full run time: ~22s)

Declarative: Checkout SCM	Clone Repository	Build	Running Shared Library	Checkout	Unit Tests
1s	7s	573ms	392ms	1s	238ms

#6 15:48 No Changes

Permalinks

- Last build (#5), 3 min 7 sec ago
- Last failed build (#5), 3 min 7 sec ago
- Last unsuccessful build (#5), 3 min 7 sec ago
- Last completed build (#5), 3 min 7 sec ago

Builds

Filter

Today

#6 3:48 PM

OUTPUT:

localhost:8080/job/my-service-build/6/console

Jenkins

admin

log out

Dashboard > my-service-build > #6

Status

Changes

Console Output

Edit Build Information

Delete build '#6'

Timings

Git Build Data

Git Build Data

Pipeline Overview

Pipeline Console

Restart from Stage

Console Output

Download

Copy

View as plain text

```
Started by user admin
Obtained Jenkinsfile from git https://github.com/Jithendra-Jithu/jenkins-shared-2.git
Loading library jenkins-shared-library@main
Attempting to resolve main from remote references...
> git --version # timeout=10
> git --version # 'git version 2.25.1'
> git ls-remote -h -- https://github.com/Jithendra-Jithu/jenkins-shared-library.git #
timeout=10
Found match: refs/heads/main revision 48abda4b0f4db12ef1c29618f4c436c50ce28959
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/my-service-build@libs/
f9a4bdf0dfa00a00c2a3c54174c406979ba53fd820f5109ee7cf6a0837962e65/ # git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/Jithendra-Jithu/jenkins-shared-
library.git # timeout=10
```

sha

Highlight All

Match Case

Match Diacritics

Whole Words

1 of 3 matches

Dashboard > my-service-build > #6

```
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Unit Tests)
[Pipeline] echo
Running unit tests...
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // script
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

Activate Windows

Go to Settings to activate Windows.

REST API

Jenkins 2.492.2