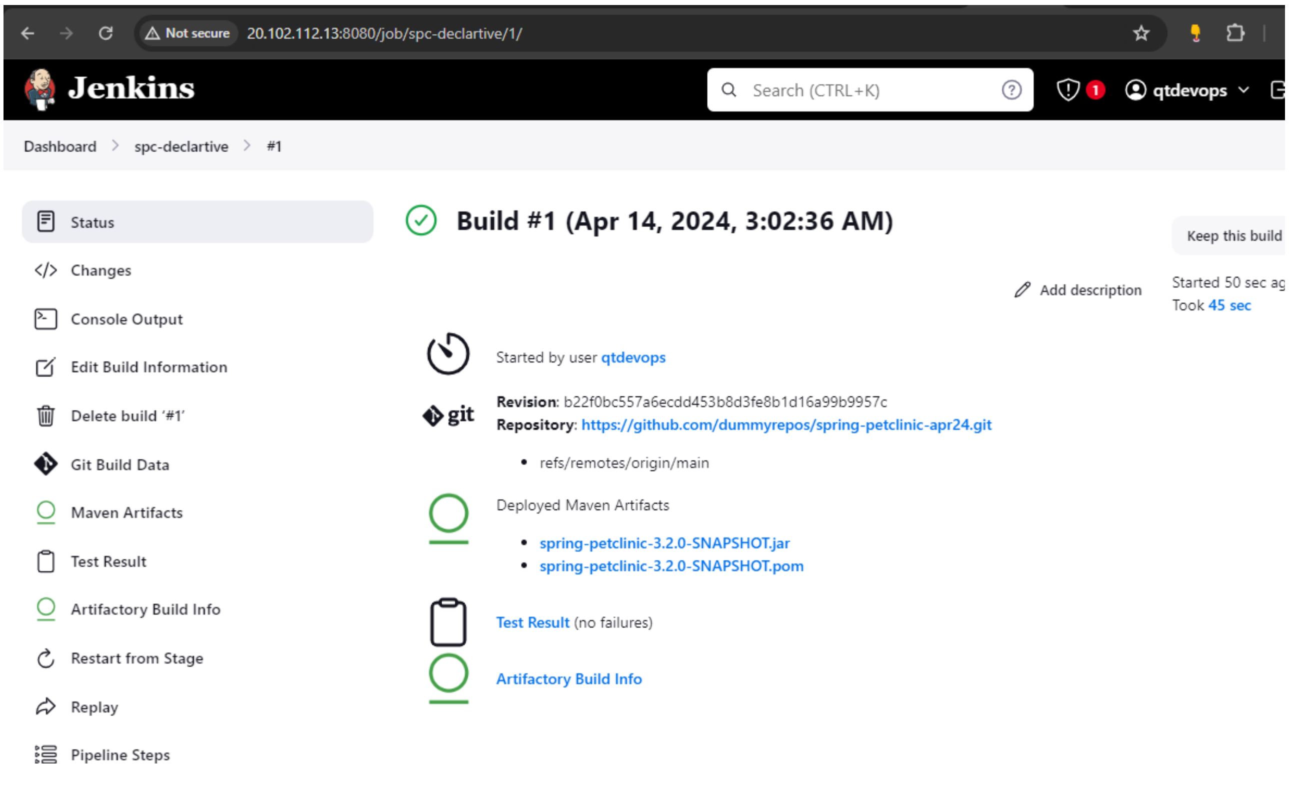
## Publishing maven artifacts to Jfrog

- Follow the steps
  - create an access token in jfrog cloud
  - Create a credential in jenkins using secret text to store above created token
  - install artifactory plugin
  - configure artifactory (Manage Jenkins => System => JFrog)
  - Now create a pipeline
- Note: For jf cli usage refer classroom video
- Refer Here for the changes done to publish artifacts to artifactory



Not secure 20.102.112.13:8080/job/spc-declartive/1/

Jenkins

Dashboard > spc-declartive > #1

Build #1 (Apr 14, 2024, 3:02:36 AM)

Keep this build

Add description

Started 50 sec ag
Took 45 sec

Started by user qtdevops

**Revision**: b22f0bc557a6ecdd453b8d3fe8b1d16a99b9957c
**Repository**: https://github.com/dummyrepos/spring-petclinic-apr24.git

- refs/remotes/origin/main

Deployed Maven Artifacts

- spring-petclinic-3.2.0-SNAPSHOT.jar
- spring-petclinic-3.2.0-SNAPSHOT.pom

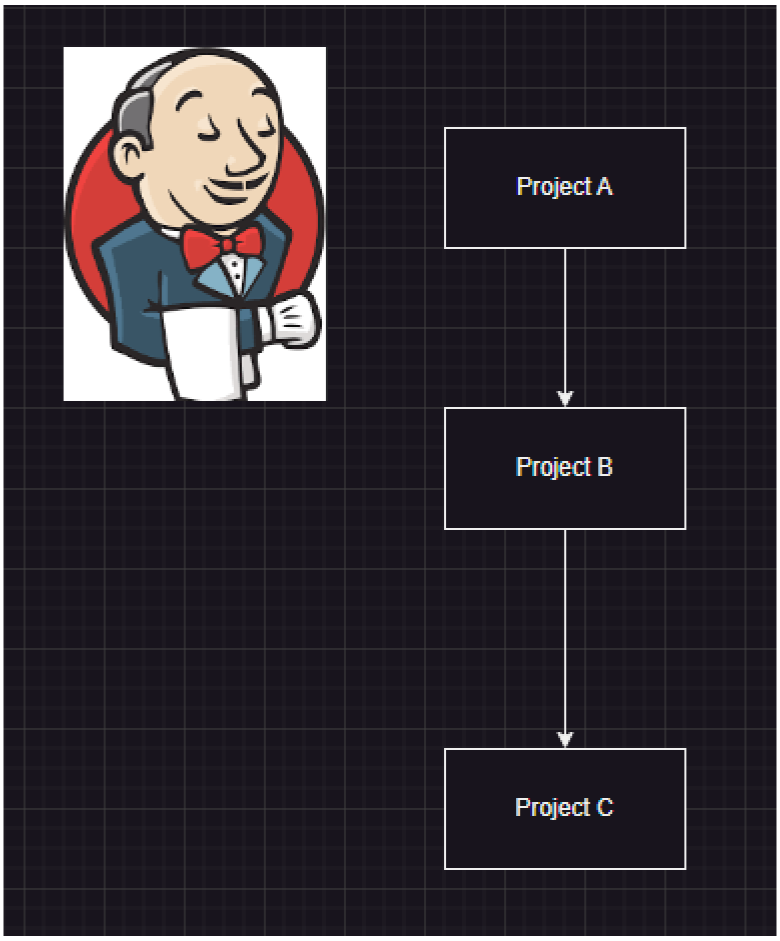
Test Result (no failures)

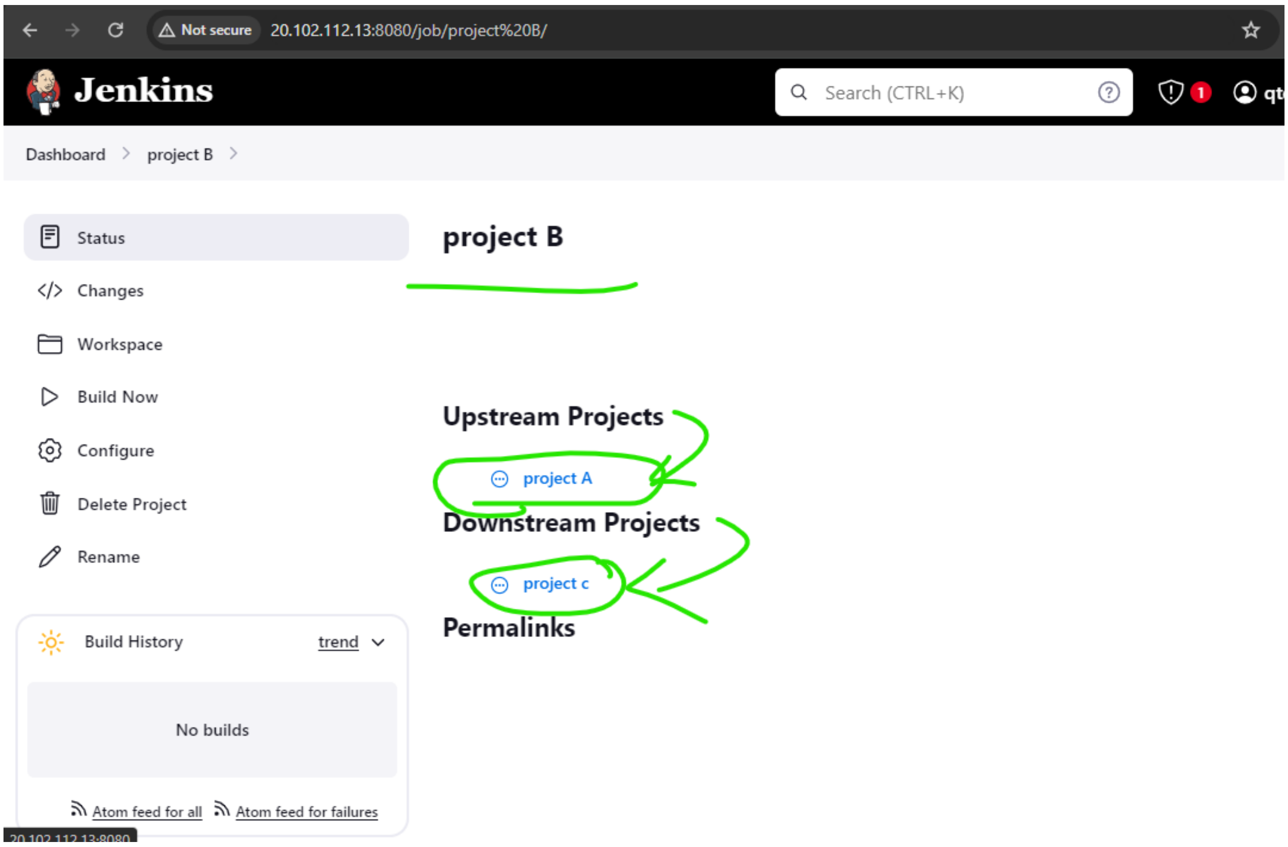
Artifactory Build Info

- Break till 8:50 AM

## Upstream and Downstream Projects

- This concept is used mostly in free style projects





20.102.112.13:8080/job/project%20B/

Jenkins

Dashboard > project B >

- Status
- Changes
- Workspace
- Build Now
- Configure
- Delete Project
- Rename

Build History trend

No builds

Atom feed for all Atom feed for failures

project B

Upstream Projects

project A

Downstream Projects

project c

Permalinks

## Pull request based workflow in CI/CD pipelines

- Our jenkins jobs are triggered when the developer pushes the changes, if the build is failed then this commit has to be reverted from git

- To make this better lets try understanding the feature branches workflow
- Developer creates a feature branch
- makes changes
- pushes the changes
- now creates a pull request to consider feature branch into developer branch
- Now CI/CD should run build tests static code, Quality Gate and then the other peer will approve the merge/pull request

#### Try setting up the Pull request workflow in jenkins

- Option 1: Refer Here try finding a pull request plugin for github
- option 2: Web hook