

JENKINS MODULE

Submitted by : Adesh Arun Adhav

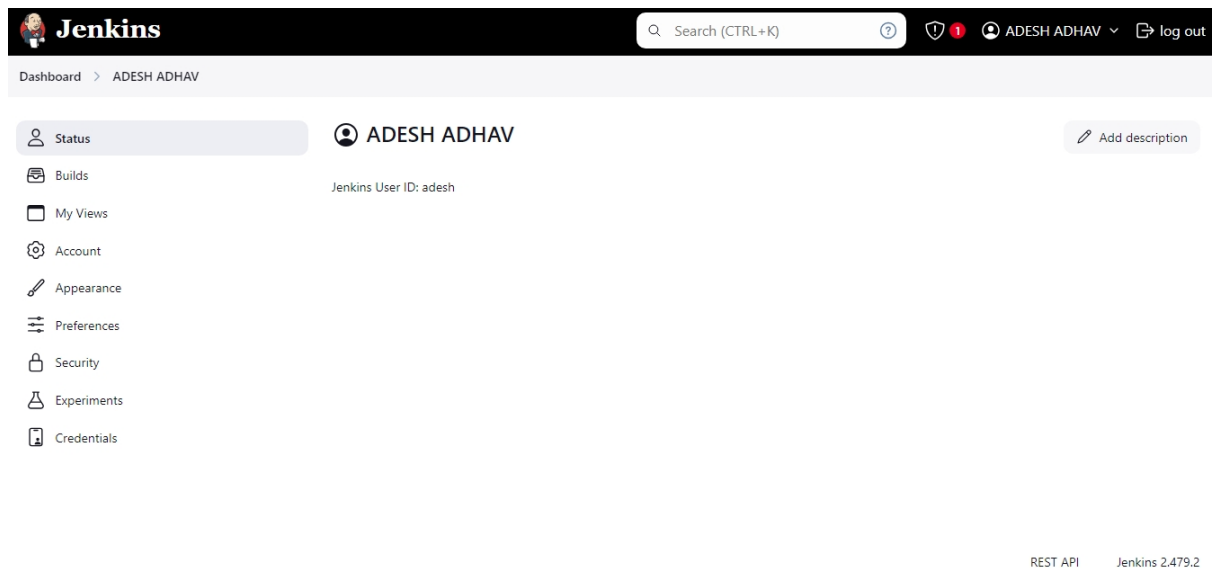
Submitted to: Mr. Vikul sir

Batch no. SA2409031

DATE:7/12/2024

L2 - Create CICD Pipeline to Clone and Build
Java Maven Web Application

- **STEP 1: LOGIN TO THE JENKINS PROFILE**
- **STEP2:CREATE CICD PIPELINE**
- **SET UP THE PROJECT**
- **GO TO DASHBOARD CREATE NEW ITEM IN THAT SELECT PIPELINE**
-
- **STEP 3: BUILD THE PROJECT**
- **SPECIFY THE STEPS TO CLONE THE REPOSITORY**
- **BUILD THE PIPELINE**
- **CHECK THE PIPELINE CONSOLE**



The screenshot shows the Jenkins dashboard for user ADESH ADHAV. The top navigation bar includes the Jenkins logo, a search bar, and user information. The left sidebar lists various dashboard sections, with 'Status' highlighted. The main content area displays the user's profile and a list of pipeline builds. The bottom right corner shows the REST API endpoint and the Jenkins version (2.479.2).

Jenkins Search (CTRL+K) ADESH ADHAV log out

Dashboard > ADESH ADHAV

Status ADESH ADHAV Add description

Builds Jenkins User ID: adesh

My Views

Account

Appearance

Preferences

Security

Experiments

Credentials

REST API Jenkins 2.479.2

New Item

Enter an item name

Select an item type



Freestyle project

Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.



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.



Folder

Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.



Multibranch Pipeline

Creates a set of Pipeline projects according to detected branches in one SCM repository.



Organization Folder


Creates a set of multibranch project subfolders by scanning for repositories.


If you want to create a new item from other existing, you can use this option:


Copy from

Dashboard > maven project > Configuration

Configure

 General

 Advanced Project Options

 Pipeline

Pipeline script

Script ?

```
1 pipeline {
2   agent any
3
4   stages {
5     stage('Clone Repository') {
6       steps {
7         git 'https://github.com/adesh8484/addressbook-cicd-project'
8       }
9     }
10
11    stage('Build') {
12      steps {
13        sh 'mvn clean install'
14      }
15    }
16  }
17 }
18 }
```

☒ Use Groovy Sandbox ?

Pipeline Syntax

Save

Apply

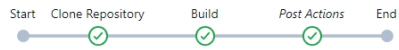
✓ < Build #4

▶ Rebuild

📄 Console

⚙️ Configure

Pipeline



Details

👤 Manually run by ADESH ADHAV

🕒 Started 2 min 39 sec ago

⌚ Queued 2 ms

🕒 Took 33 sec