# **Multi-Branch Project**

## **Project Overview**

- Create a simple Java Maven project.
- Version-control the project using Git with multiple branches.
- Set up Jenkins multi-branch pipeline for automated build and deployment.
- Utilize Jenkins environment variables in the Jenkinsfile.

## **Project Objectives**

- Version-control using Git.
- Jenkins multi-branch pipeline setup.
- Environment variable management using Jenkinsfile.

## **Project Deliverables**

## 1. Git Repository:

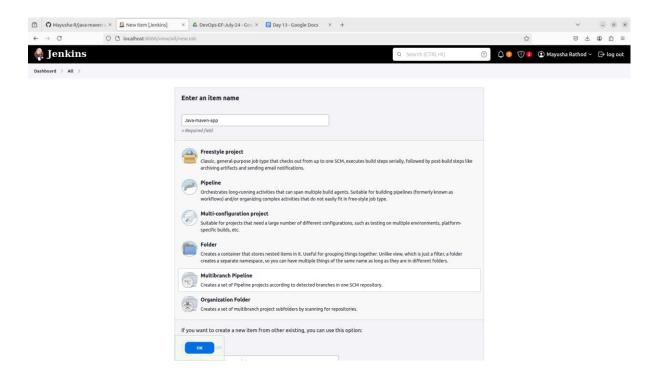
- O Local Git repository initialized.
- O Branches: development, staging, and production.
- O Repository pushed to remote Git server (e.g., GitHub, GitLab, Bitbucket).

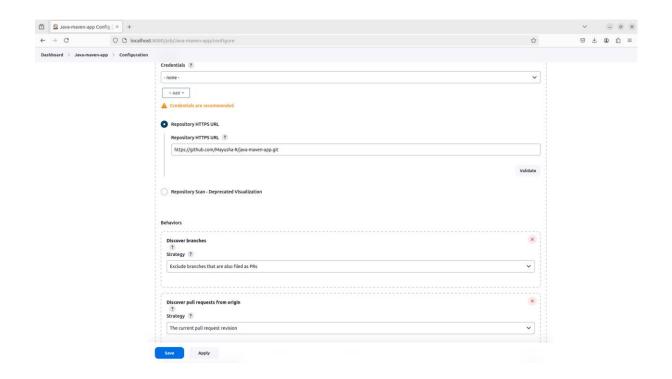
### 2. Maven Project:

- O Simple Java Maven project created (HelloWorld application).
- O pom.xml with dependencies and build configurations.

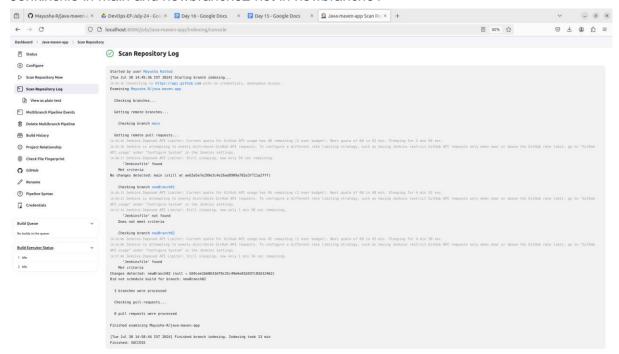
## 3. Jenkins Setup:

- O Multi-branch pipeline job configured in Jenkins.
- O Jenkinsfile defining build and deployment steps.
- O Environment variables managed using Jenkins environment variable settings.

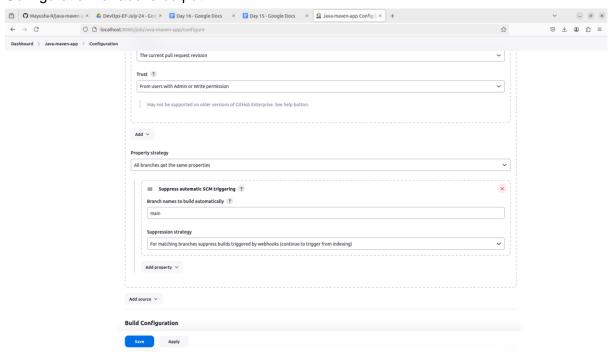




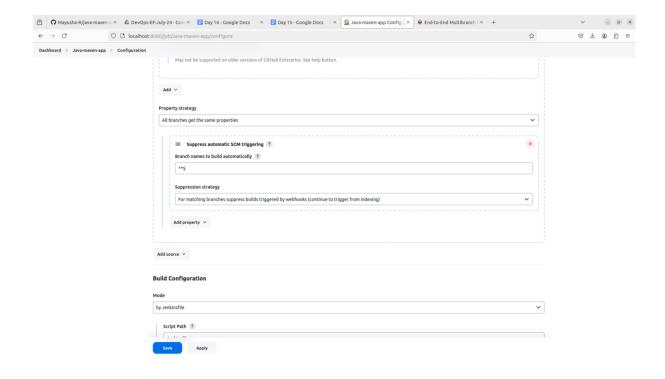
#### Jenkinsfile in main and newbranch02 not in newbranch01



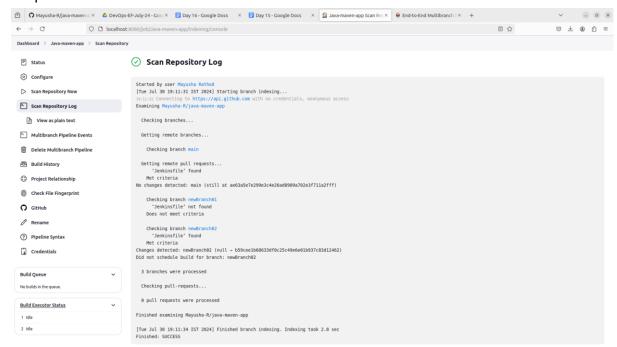
## Configuration for above output:



## Different configuration:



#### Output:



#### Branches build:

