## What is the Jenkins pipeline?

Jenkins Pipeline is a tool for creating and automating software delivery processes. It allows developers to define a series of steps that automate the entire process, from building to testing to deployment. The pipeline is defined using a script in a Jenkinsfile, which is stored in the project's source code repository. Jenkins will automatically execute the pipeline whenever changes are made to the repository.

What scripting language is Jenkins pipeline syntax based on?

The Jenkins pipeline syntax is based on the Groovy programming language. Groovy is a dynamic, interpreted language that is designed to be used in conjunction with Java. It is a powerful language that can be used to automate a wide range of tasks.

What are the different ways to trigger a pipeline ?

- 1. Slack Commands
- 2. commit commands
- Rest API
- 4. Webhook

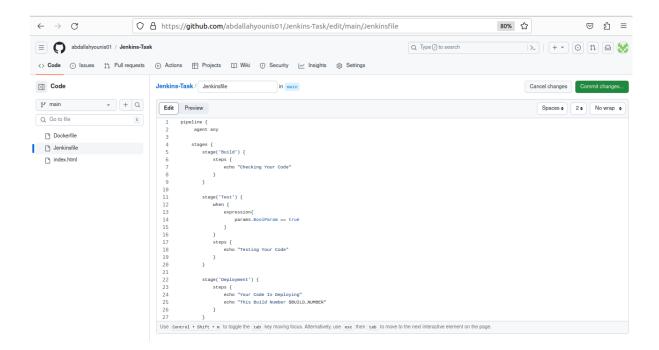
What is the difference between parameter and jenkins env variable?

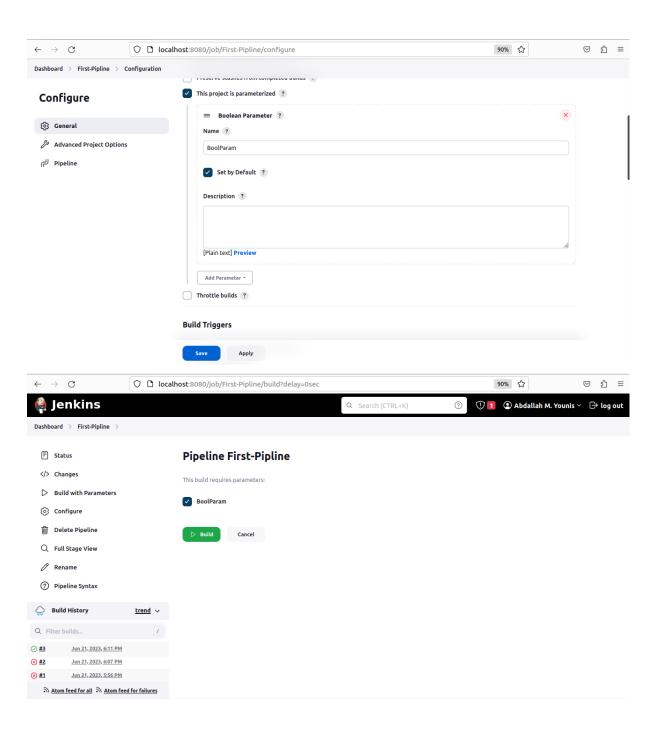
Parameters are values passed into a pipeline at runtime to allow user customization, while Jenkins environment variables are predefined variables with information about the Jenkins environment used to customize the pipeline behavior accordingly.

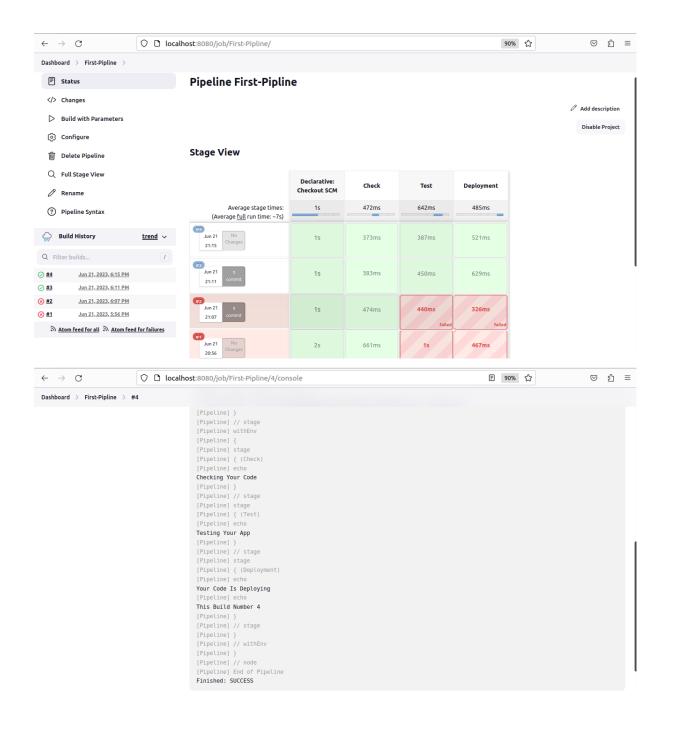
What is the organization folder job and what is used for ?

The Organization Folder job in Jenkins automatically creates and manages multiple pipelines based on the repositories in your organization's source code management system. It's useful for managing large-scale software development projects and provides visibility and control over pipelines, as well as the ability to easily add new repositories.

Create a jenkins pipeline for your repo and use script file (jenkinsfile) to write pipeline syntax, include parameter functions and env variables in it?







## Create another multibranch pipeline and filter branches to contain only (master, dev, test)?

