



# Jenkins

Jeeva S. Chelladhurai  
CEO, Comorin Consulting Services  
+91 97319 77222  
[jeeva@comorin.co](mailto:jeeva@comorin.co)



## 2. Types of Jobs in Jenkins

- Freestyle Project
- Pipeline
- Multibranch Pipeline
- Multi-configuration Project
- Folder
- GitHub Organization





# Freestyle Project

---

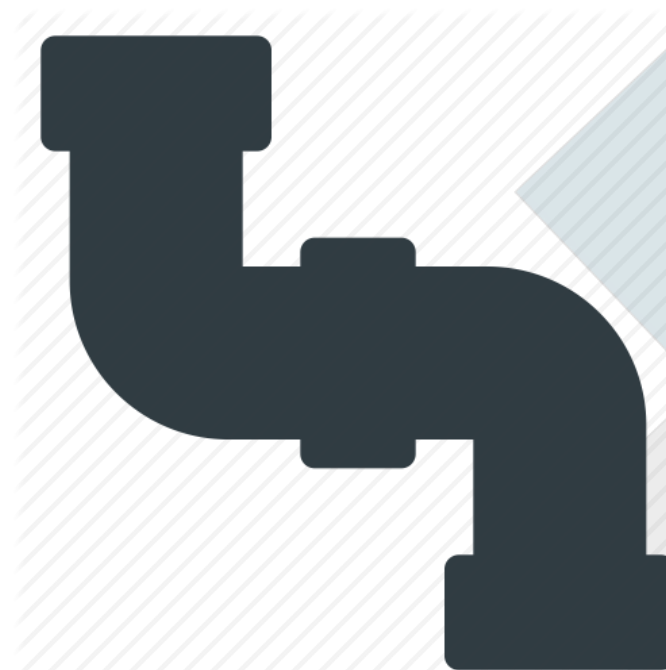
- General- purpose build jobs
- Provides maximum flexibility
- Central feature of Jenkins
- Will build your project, combining any SCM with any build system
- Can be used for something other than software build





# Pipeline

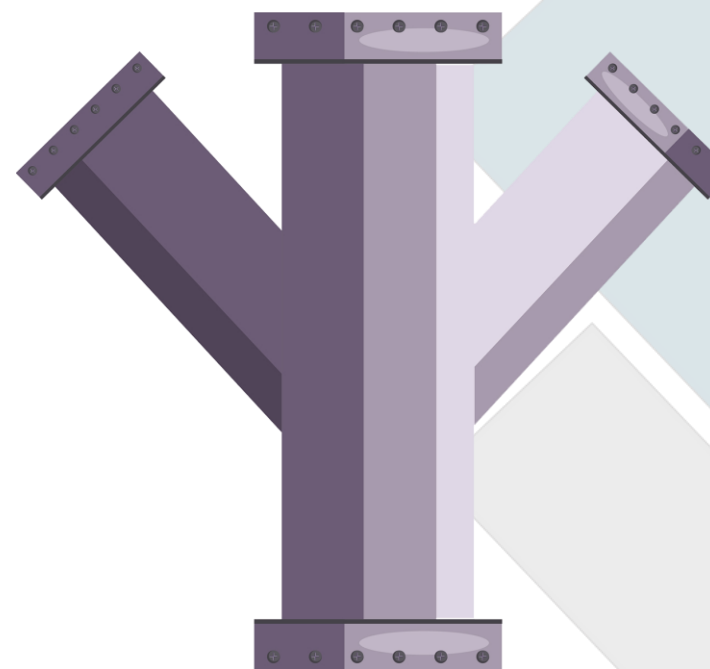
- Formerly called workflow, enables by pipeline plugin
- Built with simple text scripts that use a Pipeline DSL(domain-specific language) based on the Groovy Programming Language
- Leverage the power of multiple steps to execute both simple & complex tasks
- Once build it can build code & orchestrate the work to drive application from commit to delivery





# Multibranch Pipeline

- Enables to configure different jobs for different branches of the same project
- Jenkins automatically discovers, manages, & executes jobs for multiple source repo, branches & tags





# 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
- Creates a separate namespace to have multiple things of the same name as long as they are in different folders





# GitHub Organization



- Scans a GitHub organization for all repositories matching some defined markers

