

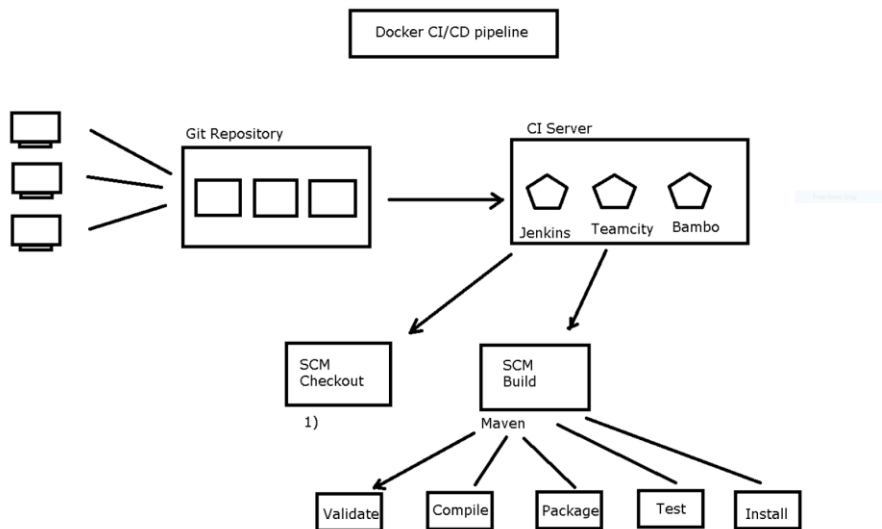
PG FSD Implement OOPS using JAVA with Data Structures and Beyond

Phase-6 Project Specification Document

- Introduction

This is a CI/CD pipeline built with Jenkins, Docker, and AWS EC2. This pipeline will automatically check-out the repo from github, build the maven package and then build the Docker image and run it on EC2 VM.

- Flow chart



- Pipeline building procedures
 - Fire up the AWS EC2 instance
 - Install all the dependencies
 - Check out project repo from github
 - Build maven package
 - Build Docker image
 - Run Docker container
 - Verify the Jenkins pipeline console output
 - Verify the web-service has been running successfully.

For details of running procedures and outcomes please refer to the 'Docs' folder.