#1. Background of Integration

#2. Need for CI/CD

#3. Jenkins - installation & setup, installing default plugins

Plugin Management, Global Tool Configuration

#4. Create a sample FreeStyleProject

(a) build locally - [FreeStyleLocal]

(b) load from git repo, build with mvn - [FirstGitMavenProject]

#5. Pipeline - 2 ways UI(FreeStyle) & Jenkinsfile

#6. Pipeline - UI, Git & Maven - [FreeStyleGitMaven]

Git pull periodically

Chaining multiple jobs

#7. How to restart Jenkins

#8. Pipeline with Jenkinsfile - advantages

#9. Official Jenkinsfile reference - https://jenkins.io/doc/book/pipeline/jenkinsfile/

#10. How Jenkinsfile captures the build steps - [EndToEndScript1]

Git and maven steps in Jenkinsfile

#11. Jenkinsfile pipeline syntax generation

Local Jenkinsfile - [SpringBootRest]

#12. Loading Jenkinsfile(& Project) from Git SCM - [GitJenkinsfile]

#13. How to mix FreeStyle and Pipeline Jobs and achieve Poll SCM - [FSPJob1, FSPPipelineJob2]

How to use LOcal Tools from Jenkinsfile - use pipeline syntax

(variable declaration and usage)

#14. How to change default port 8080

#15. post

Unit testing reports

EclEmma Code coverage

#16. Interaction with Docker [First\_Script\_Pipeline]