

jenkins_casc.yaml (for CI)

```
jobs:
  - script: folder('folder')
  - script: >
    pipelineJob('job_name') {
      parameters {
        stringParam("BRANCH_NAME", "develop", "")
      }
      definition {
        cpsScm {
          scriptPath '[...]/CI/Jenkinsfile'
          lightweight false
          scm {
            git {
              remote {
                url 'https:....git'
              }
              branch '*/${BRANCH_NAME}'
              externsions {}
            }
          }
        }
      }
    }
  }
```

Jenkinsfile (CI)

```
image_name = 'image_name'
branch = "${env.BRANCH_NAME}"
```

```
podTemplate(
    inheritFrom: 'agent'
    containers: [containerTermplate(name: 'A', image: '', alwaysPullImage: false,
ttyEnabled: true, command: 'cat'),
        containerTermplate(name: 'B', image: '', alwaysPullImage: false, ttyEnabled:
true, command: 'cat')]
) {
    node(POD_LABEL) {
        stage('name stage') {
            checkout scm
        }
        stage('Get version') {
            pom = readMavenPom file: 'pom.xml'
            version = pom.version
            image_tag = "${version}-${env.BUILD_ID}"
        }
        stage('Build, test + sonar') {
            withSonarQuveEnv('...') {
                withCredentials([string(credentialsId: 'token', variable: 'TOKEN')]) {
                    container('A') {
                        echo 'something'
                        sh """
                        mvn -B -f pom.xml\
                        -P sonar [project, token, settings] clean verify
                        """
                    }
                }
            }
        }
        stage('Quality gate') {
            container('A') {
                echo 'wait'
                sleep(10)
                timeout(time: 5, unit: 'MINUTES') {
                    def gg = waitFor...
                    if (gg.status != 'OK') {
                        error "Pipeline... due to ${gg.status}"
                    }
                }
            }
        }
        container('B') {
            stage('Build image'){
                withSonarQuveEnv('...') {
                    withCredentials([string(credentialsId: 'token', variable: 'TOKEN')]) {
                        echo 'something'
                        sh """
                        docker build -t ${image_name}:${image_tag} -f [...]/Dockerfile .
                        """
                    }
                }
            }
            stage('Push image'){
                withSonarQuveEnv('...') {
                    withCredentials([string(credentialsId: 'token', variable: 'TOKEN')]) {
                        echo 'something'
                        sh """
                        docker push ${image_name}:${image_tag}
                        """
                    }
                }
            }
        }
    }
}
```

```
stage('Run CD pipeline'){
  build job: 'job_name', parameters: [
    string(name: 'image_tag', value: "${image_tag}"),
    string(name: 'BRANCH_NAME', value: "${branch}")
  ]
}
}
```

```
Jenkinsfile (CD)
podTemplate(
    inheritFrom: 'agent'
    containers: [containerTermplate(name: 'C', image: '', alwaysPullImage: false,
ttyEnabled: true, command: 'cat')]
) {
    node(POD_LABEL) {
        stage('name stage') {
            checkout scm
        }
        container('C') {
            stage('Deploy'){
                withEnv..('...') {
                    withCredentials([string(credentialsId: 'token', variable: 'TOKEN')]) {
                        echo 'something'
                        sh "kubectl appy -f...."
                        sh "kubectl appy -f...."
                        sh "kubectl appy -f...."
                        sh "kubectl appy -f...."
                    }
                }
            }
        }
    }
}
```

		build	test: integration-& quality	test: functional	test: load-& security	approval	deploy: prod
Average stage times: (Average full run time: ~5s)		836ms	20min 43s	9ms	7ms	89ms	5ms
#17	Sep 22 15:05 No Changes C Retry Download	538ms master	10s master	10ms master	8ms master	72ms (paused for 7s) master	4ms master
#16	Sep 22 15:04 No Changes C Retry Download	479ms master	6s master	9ms master	9ms master	74ms (paused for 6s) master	5ms master
#15	Sep 22 15:03 No Changes C Retry Download	922ms master	6s master	10ms master	9ms failed		
#14	Sep 22 15:03 No Changes C Retry Download	1s master	8s master	12ms master	9ms master	80ms (paused for 5s) master	5ms master
#13	Sep 22 15:02 No Changes Download	942ms master	9s master	13ms failed			
	Sep 22 15:02 No Changes C Retry Download	1s master	6s master	13ms master	11ms master	111ms (paused for 5s) aborted	

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