

# DevOps Connect

in association with



**PVG's COET & M  
Department of Computer Engineering**

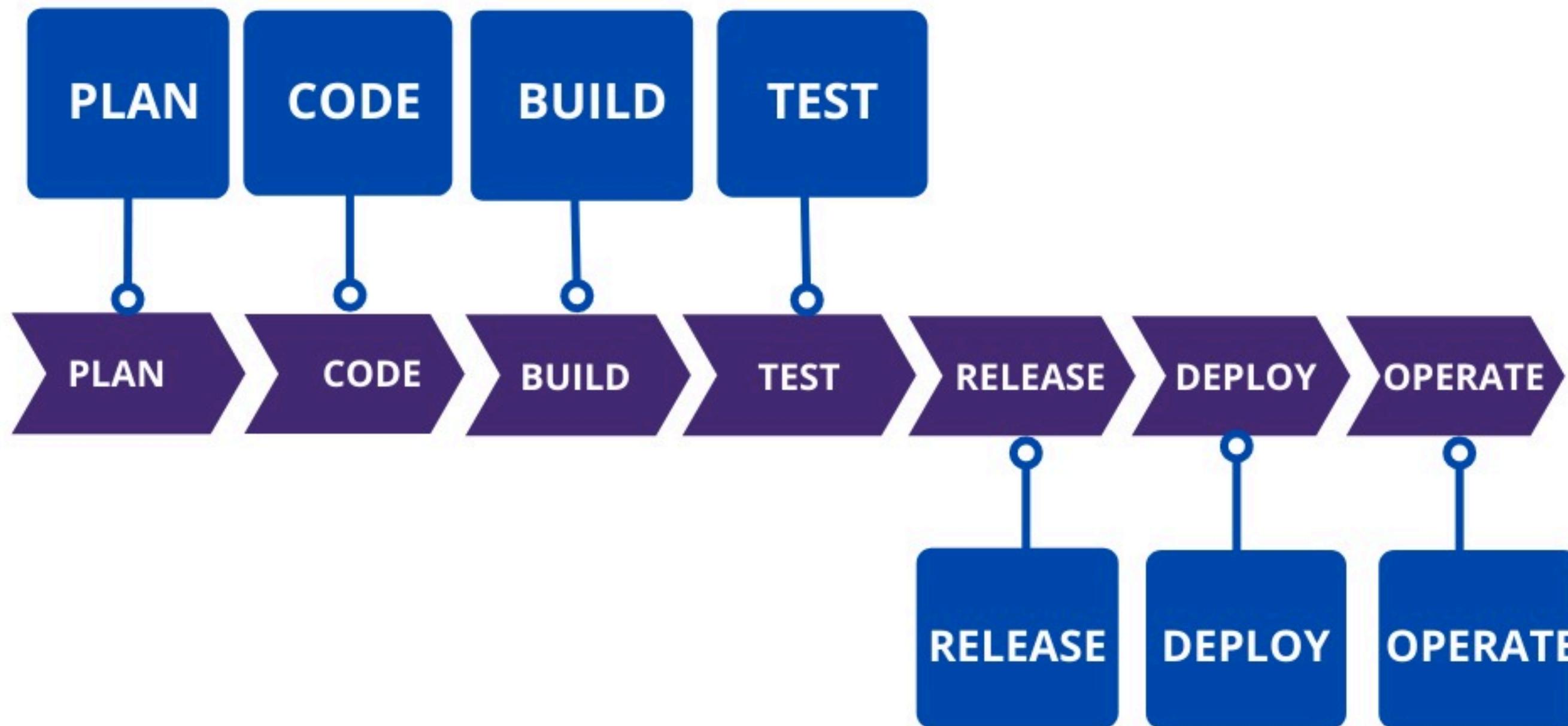


**WAITING FOR DEPLOYMENT**

**WITHOUT DEVOPS**

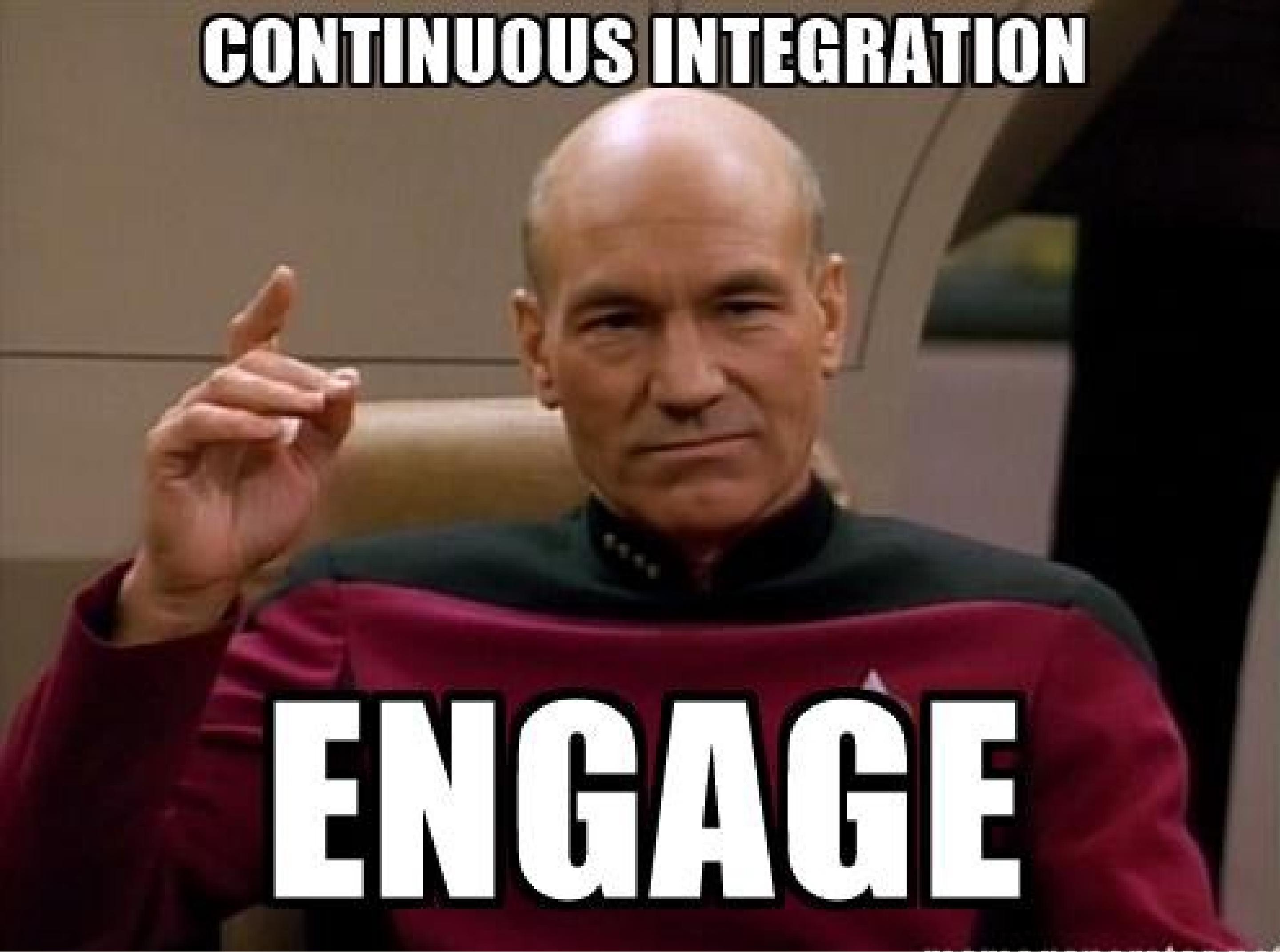
# CI/CD PIPELINE

## Continuous Integration



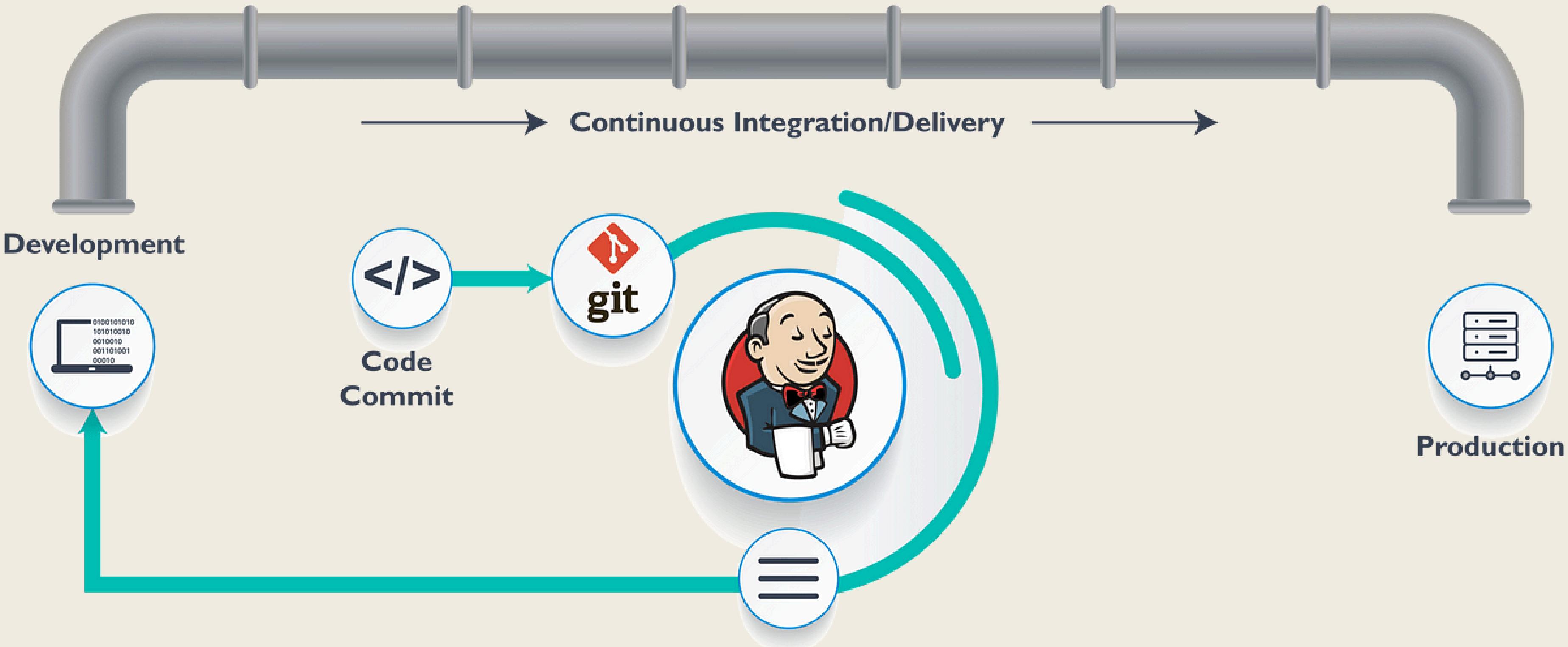
## Continuous Deployment

# CONTINUOUS INTEGRATION



# ENGAGE

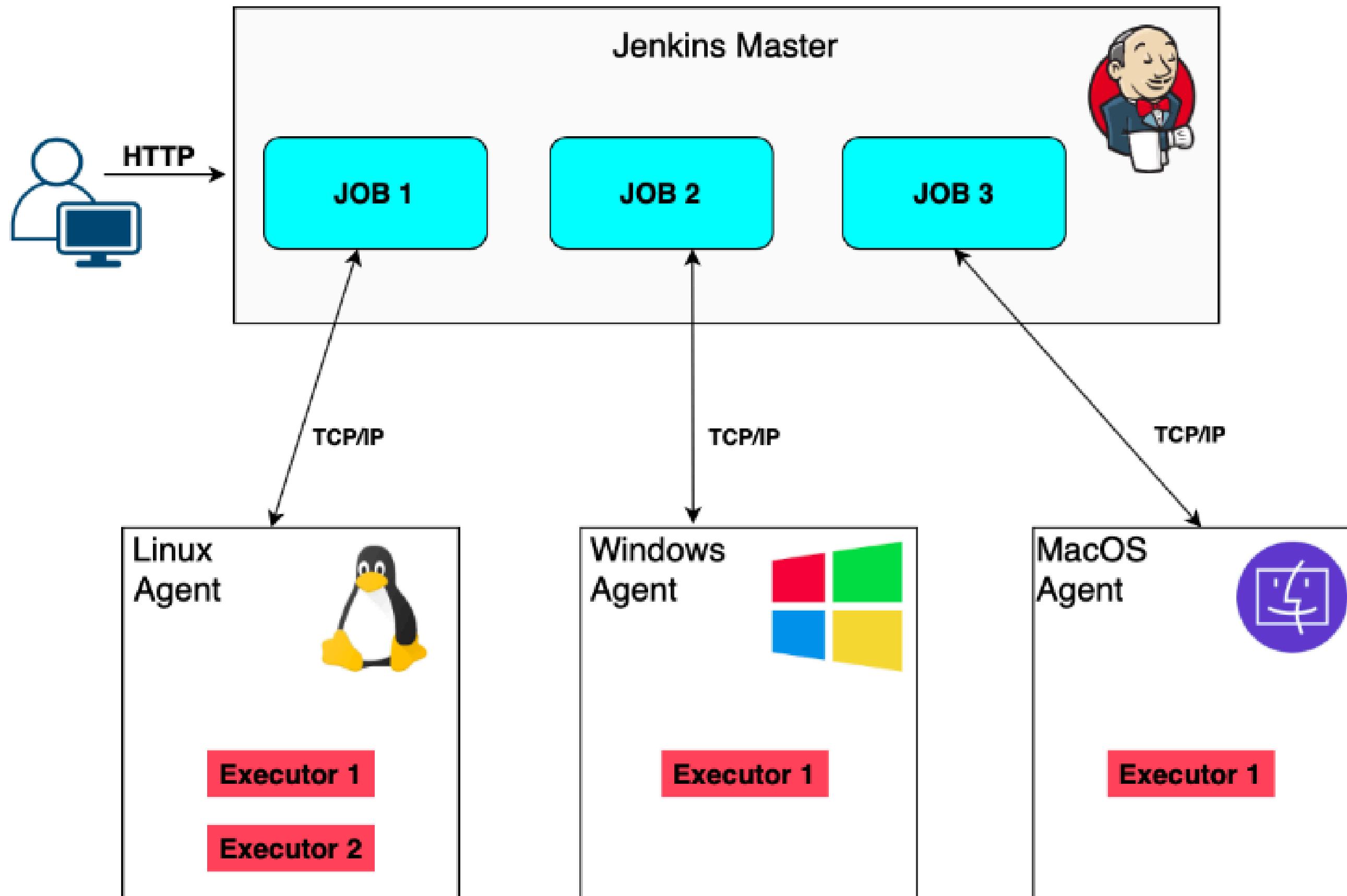
**Commit      Build      Test      Stage      Deploy Dev/QA...**



## **BUILD & DEPLOYMENT PROCESS**

- 1) TAKE LATEST SOURCE CODE FROM REPOSITORY**
- 2) COMPILE SOURCE CODE**
- 3) EXECUTE UNIT TESTS (JUNITS)**
- 4) PERFORM CODE REVIEW**
- 5) PACKAGE CODE AS WAR FILE**
- 6) DEPLOY THE WAR FILE INTO SERVER**

# Distributed Builds Architecture





*Pipeline sunke plumber  
samjhe kya!*

*DevoOps*  
*Engineer      hai main!*



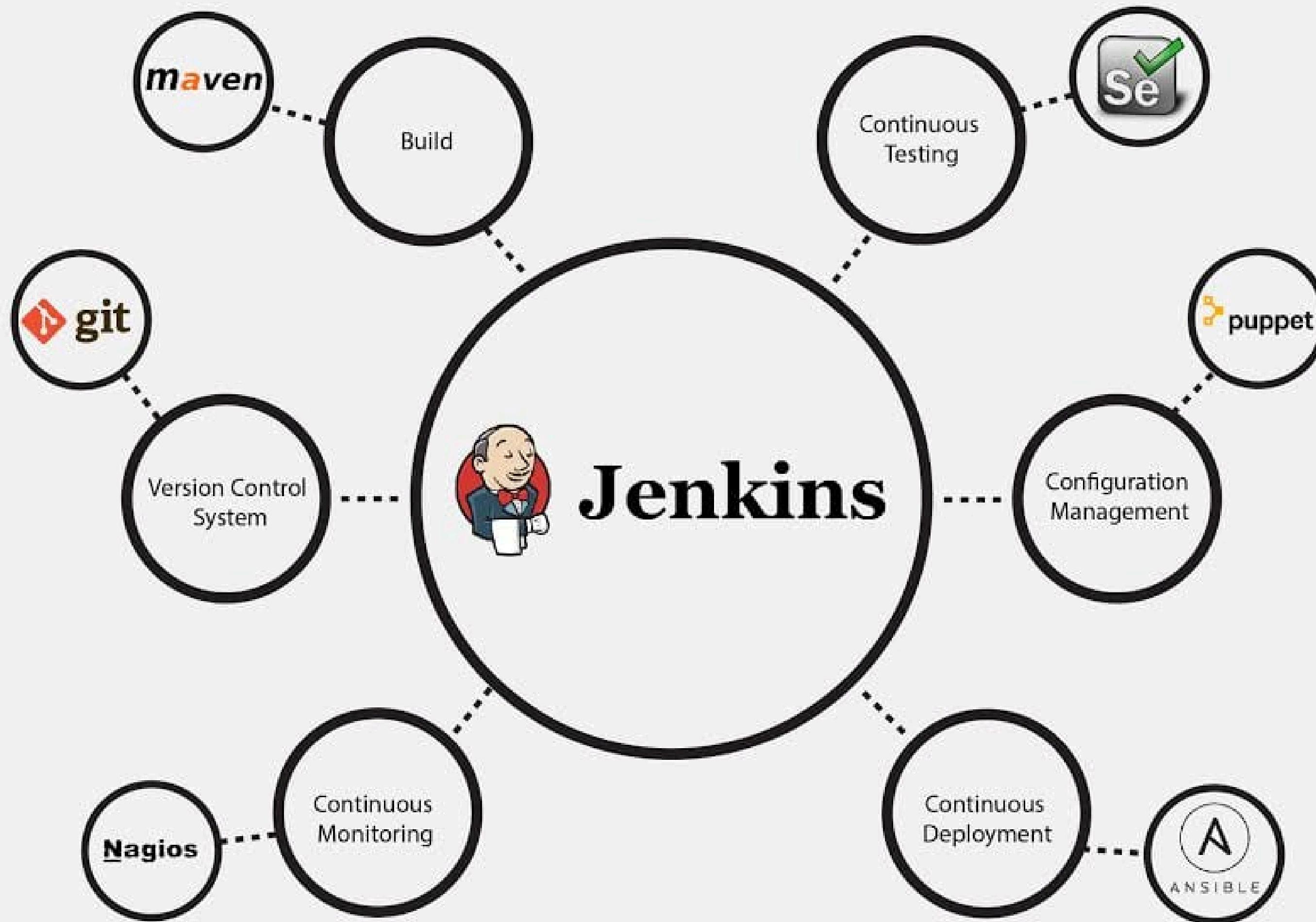
## Benefits of CI/CD Pipeline



# **ADDING CI/CD TO PROJECTS**

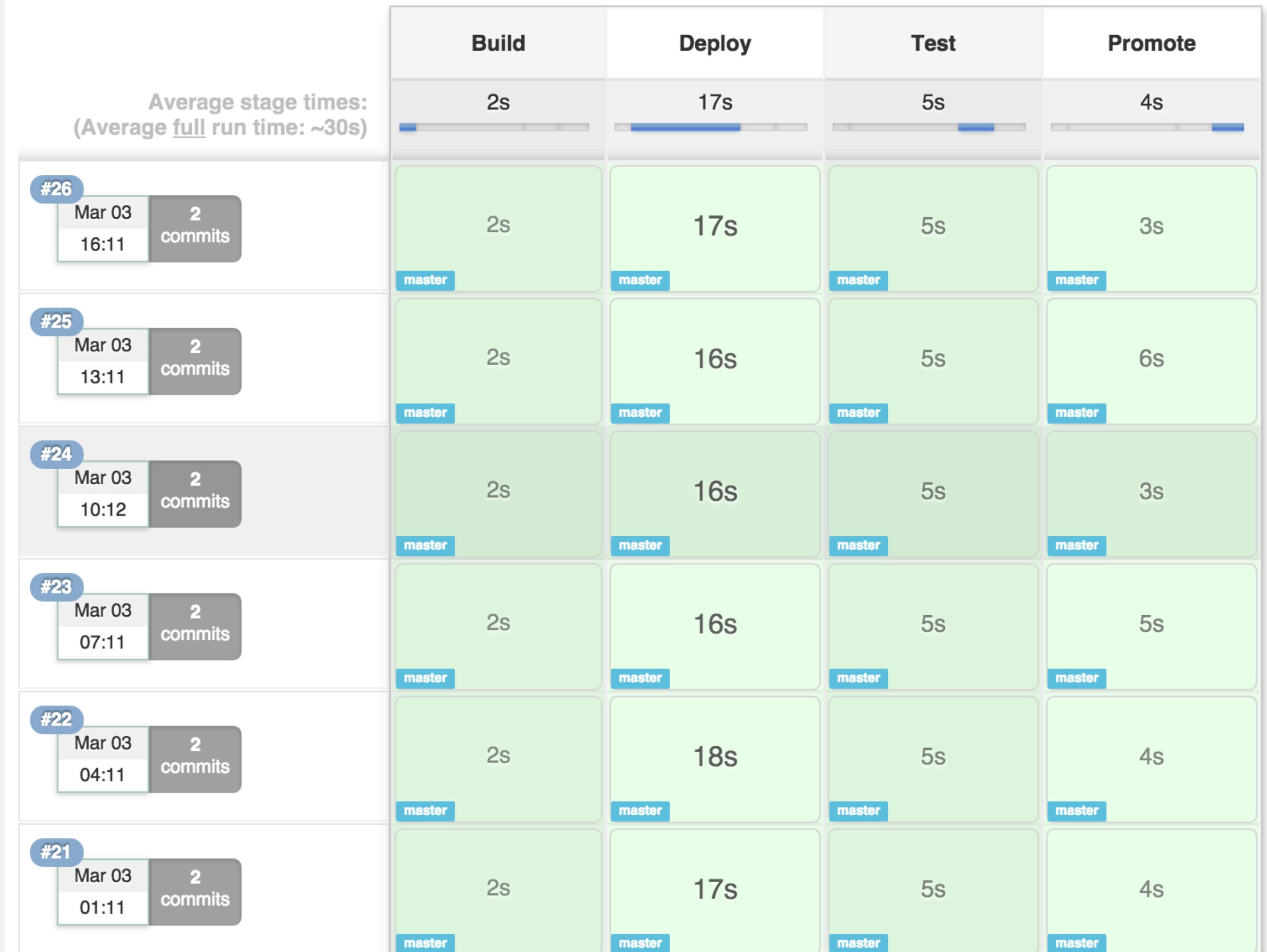


## **MAKES EVERYONE BETTER**



```
pipeline {
    agent any
    stages {
        stage('Build') {
            steps {
                // Build steps go here
            }
        }
        stage('Test') {
            steps {
                // Test steps go here
            }
        }
        stage('Deploy') {
            steps {
                // Deployment steps go here
            }
        }
    }
}
```

# Stage View



# **PREPARE YOURSELF**



# **CL/CD IS COMING**



**Thik Hai Bhai**



**Ab Mai Chalta Hoon**

**THANKS :)**