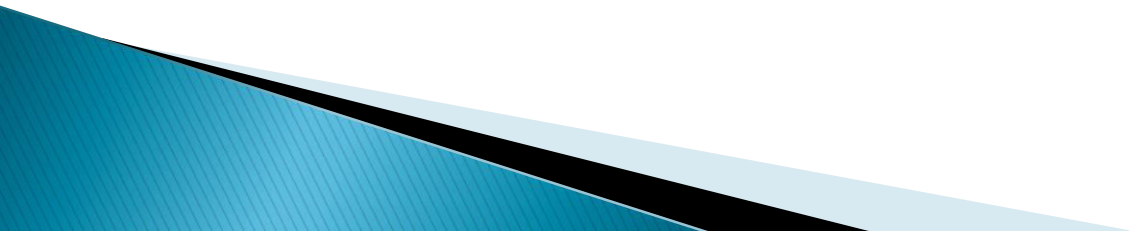


WELCOME

TO

JENKINS

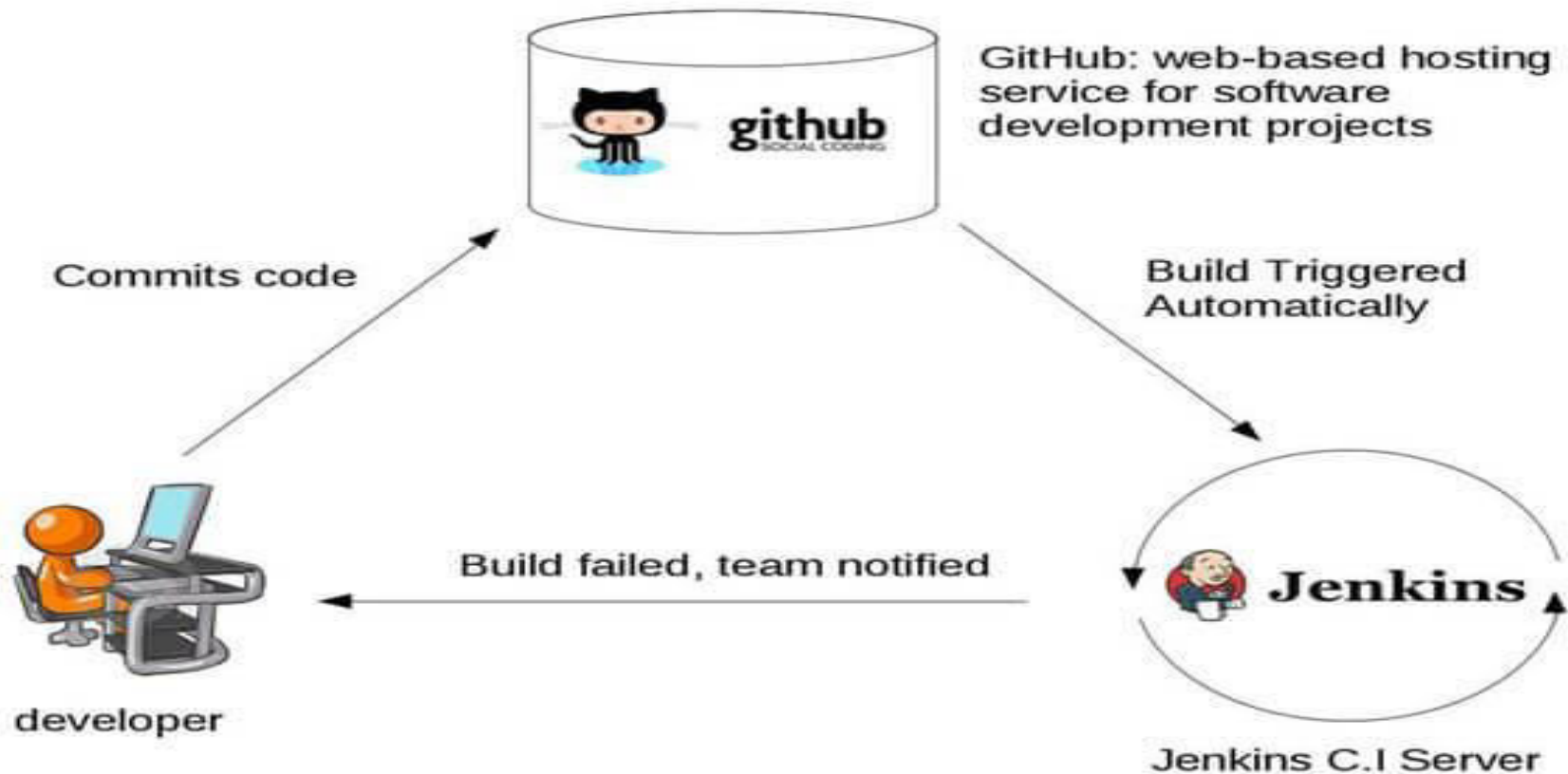


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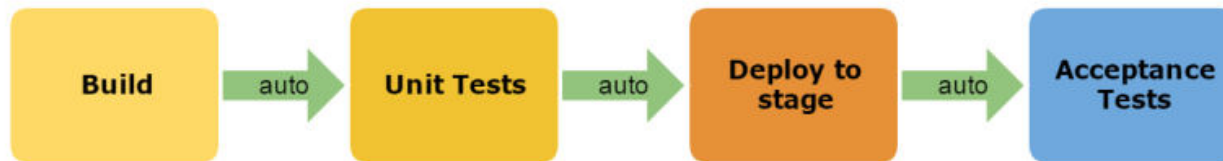
WHAT IS JENKINS?

Jenkins offers a simple way to set up a continuous integration and continuous deployment environment for almost any combination of languages and source code repositories.



What is Continuous Deployment pipelines? How it Works?

Continuous Integration



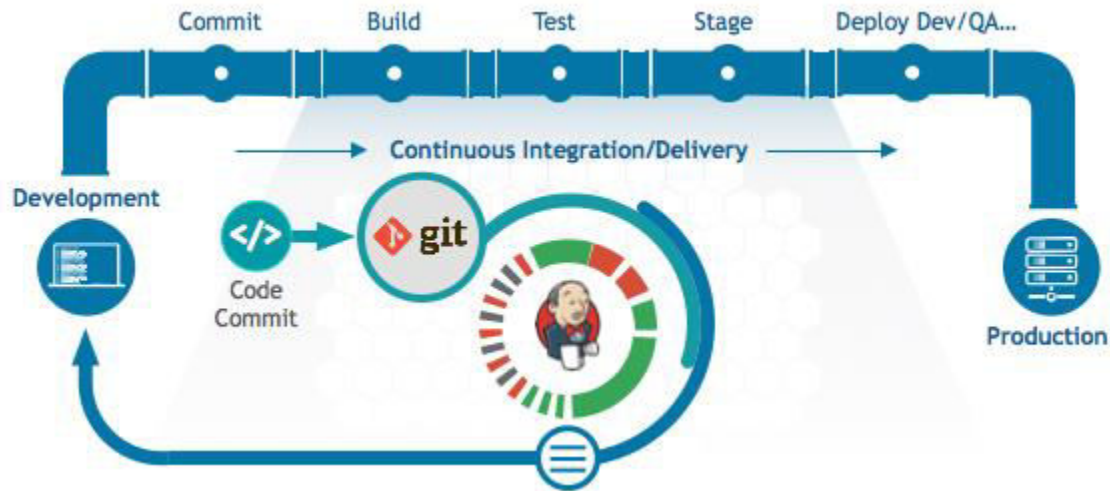
Continuous Delivery



Continuous Deployment



What is Jenkins Pipeline?



Jenkins Pipeline Concepts

Jenkinsfile (Declarative Pipeline)

```
pipeline { ❶
  agent any ❷
  options {
    skipStagesAfterUnstable()
  }
  stages {
    stage('Build') { ❸
      steps { ❹
        sh 'make' ❺
      }
    }
    stage('Test'){
      steps {
        sh 'make check'
        junit 'reports/**/*.xml' ❻
      }
    }
    stage('Deploy') {
      steps {
        sh 'make publish'
      }
    }
  }
}
```

