

33.06Aug.Jenkins Integrations(Java+Github+Maven) Part2

6 August 2023 04:36 PM

Jenkins Integration

1. GitHub + Java Console Application = Windows
2. VCS (GitHub) + Application(Java Maven Application) + Build(Maven) = EC2 Instance
3. Kali VirtualBox
4. Red hat
5. MacOS
6. Amazon Linux

```
pipeline {
  agent any
  tools {
    // Install the Maven version configured as "M3" and add it to the path.
    maven "M3"
  }
  stages {
    stage('Check Versions') {
      steps {
        //Check Git Version
        sh "git --version"

        //Check Maven Version
        sh "mvn --version"
      }
    }
  }
}
```

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  stages {
    stage('Check Versions') {
      steps {
        //Check Git Version
        sh "git --version"

        //Check Maven Version
        sh "mvn --version"
      }
    }
    stage('Clone Project using Git') {
      steps {
        //Clone Git Project
        git credentialsId: 'github-credentials', url: 'https://github.com/NubeEra-Samples/JavaMvnJUnit.git'
      }
    }
  }
}
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  agent any
  tools {
    // Install the Maven version configured as "M3" and add it to the path.
    maven "M3"
  }
  stages {
    stage('Check Versions') {
      steps {
        //Check Git Version
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        //Check Maven Version
        sh "mvn --version"
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    }
    stage('Clone Project using Git') {
      steps {
        //Clone Git Project
        git credentialsId: 'github-credentials', url: 'https://github.com/NubeEra-Samples/JavaMvnJUnit.git'
      }
    }
    stage('Clean and Build Project') {
      steps {
        //Clone Git Project
        sh "mvn clean"
        sh "mvn package"
      }
    }
  }
}

```