Integrate Maven with Declarative Pipeline

Earlier we saw how to integrate maven in a scripted Jenkins pipeline

Let do the same in declarative jenkins pipeline

The steps are not the same because declarative jenkins pipeline will not allow you to define the variables and the path of the maven.

To achieve, this, you need to include your pom.xml in the src folder so that jenkins can easily find it.

We also need to define the maven tool with the **Snippet Generator**

Scripted jenkins pipeline

```
node {

    stage("Git Clone"){
        git credentialsId: 'GIT_HUB_CREDENTIALS', url:
'https://github.com/joshking1/spring-boot-mongo-docker.git'
    }
    stage('Maven Clean Build') {
        def mavenHome = tool name: "Maven-3.8.4", type: "maven"
        def mavenCMD = "${mavenHome}/bin/mvn"
        sh "${mavenCMD} clean package"
    }
    stage("Build Docker Image"){
        sh "docker version"
        sh "docker build -t king-httpd ."
```

Declarative jenkins pipeline

```
pipeline {
    agent any
    tools {
        maven 'Maven-3.8.4'
    }
```

```
    stages {
        stage ("Git Checkout") {
            steps {
                git credentialsId: 'GIT_HUB_CREDENTIALS', url:
'https://github.com/joshking1/myRepoForJavaApp.git'
            }
        }
        stage ("Maven Clean Build") {
            steps {
                sh 'mvn clean install -f MyWebApp/pom.xml'
            }
        }
    }
}
```

The repository to use

https://github.com/joshking1/myRepoForJavaApp.git

Let evaluate this repo

📁 MyWebApp	Update index.jsp	2 years ago

Click on MyWebApp and pom.xml should be part of this folder

akannan1087 Update index.jsp	
..	
📁 src/main/webapp	Update index.jsp
📄 pom.xml	my first project setup in GitHub

Let evaluate the other other repo

This will not work because it is pom.xml is not in the same folder with src/ blue folder

Poll scm