**Docker hub real time project**

* Install Java jdk 11.0
* Install Jenkins and start services and login to Jenkins dash board
* Install maven
* Install docker and start service ( sudo chmod 666 /var/run/docker.sock)
* Install git
* Global tool configuration

🡪java jdk 11

🡪Maven 3.8.6 /opt/maven

🡪Docker

* Plugging

🡪 github

🡪 maven integration

🡪 maven invoker

🡪 docker

🡪 dockerpipeline

🡪 pipeline

🡪 pipeline stage view

pipeline {

agent any

tools {

maven 'maven 3.8.6'

}

stages{

stage('build maven'){

steps{

sh 'mvn clean install'

}

}

stage('Build docker image'){

steps{

script{

sh 'docker build -t nareshbabu1991/simpletomcatwebapp .'

}

}

}

stage('push docker to hub'){

steps{

script{

withCredentials([string(credentialsId: 'dockerhub\_pwd', variable: 'dockerhub\_pwd')]) {

sh 'docker login -u nareshbabu1991 -p ${dockerhub\_pwd}'

}

sh 'docker push nareshbabu1991/simpletomcatwebapp'

}

}

}

}

}