**Simple Java Maven App**

Jenkins Installation:

1. **yum install java-1.8.0-openjdk.x86\_64**
2. **wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat-stable/jenkins.repo**
3. **rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key**
4. **yum install jenkins**
5. **service jenkins start**
6. **rpm -aq | grep -i jdk**
7. **Remove 1.7 version**

**8. sudo yum remove <desired\_java\_version>**

**9. sudo yum install java-1.8.0-openjdk-devel**

**10. service Jenkins start**

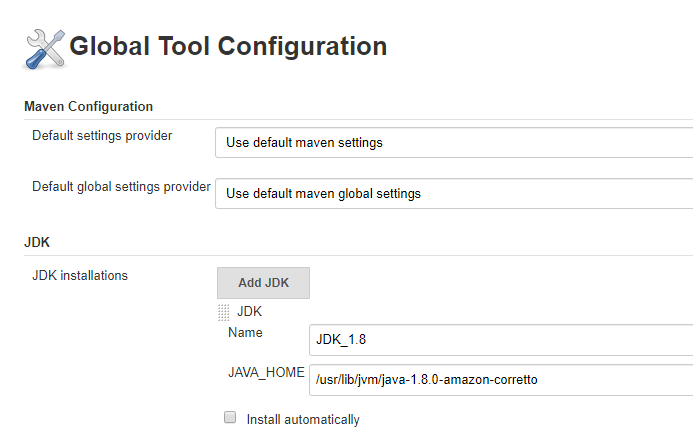
**11.Get password and install selected plugins**

**cat /var/lib/jenkins/secrets/initialAdminPassword**

1.Install java in Jenkins Master server from the link below :

wget <https://corretto.aws/downloads/latest/amazon-corretto-8-aarch64-linux-jdk.tar.gz>

2 . Under Jenkins Dashboard, Click on Manage Jenkins and then Click on Global Tool Configuration and update the JDK path as automatic. as given below

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3. Install Maven in Jenkins Master by following the below steps:

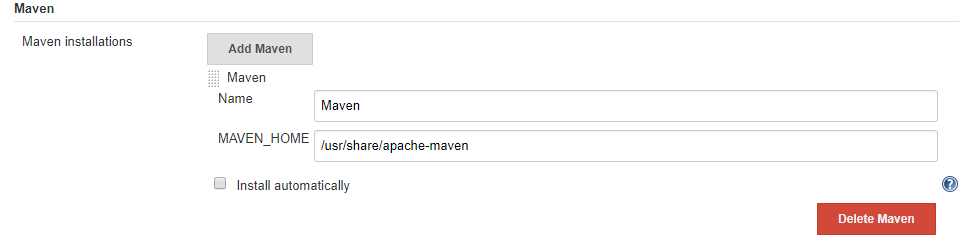
sudo wget http://repos.fedorapeople.org/repos/dchen/apache-maven/epel-apache-maven.repo -O /etc/yum.repos.d/epel-apache-maven.repo

sudo sed -i s/\$releasever/6/g /etc/yum.repos.d/epel-apache-maven.repo

sudo yum install -y apache-maven

Check version using the command -- > mvn –version

4. In the Global Tool Configuration of Jenkins add Maven path as below:



1. Create a repo in GitHub and push the below code to the Git repository

root@ip-172-31-85-119 JenkinsProject]# pwd

/root/JenkinsProject

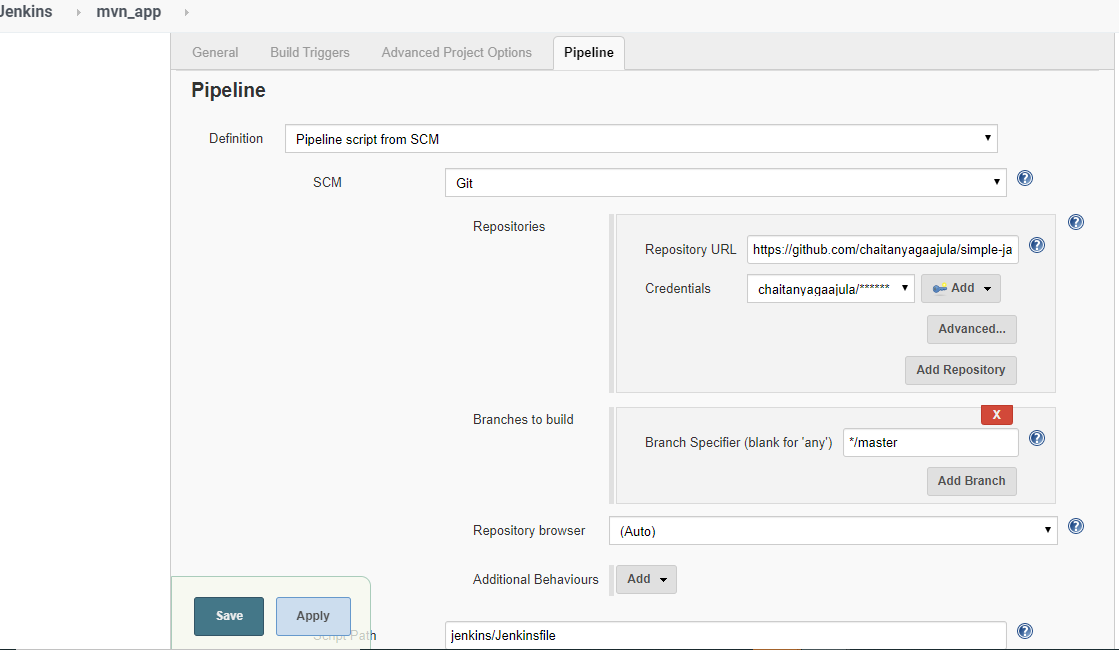
Yum install git

git clone https://github.com/chaitanyagaajula/simple-java-maven-app.git

[root@ip-172-31-85-119 JenkinsProject]# ls -ld simple-java-maven-app/

drwxr-xr-x 5 root root 4096 May 3 16:11 simple-java-maven-app/

1. Create a new pipeline project and configure SCM details as below



1. Save and Build the Job
2. In the console Output we can see a Jar has been build using maven and displays Hello World

