GitHub - Jenkins -Tomcat

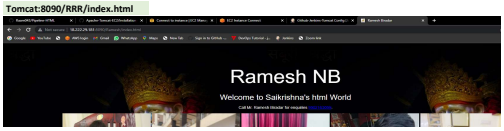
Jenkins to Tomcat (internal tomcat)

Plugin required — **Deploy to container**, **Git**

Release Jenkins on EC2
or install Jenkins on Ec2 then install tomcat on Jenkins server under "/opt"
In tomcat Tomcat > bin > webapps > " create new folder" RRR
cd RRR

Jenkins : 8080
Tomcat: 8090

To view the results ==> **Tomcat:8090/RRR/index.html**



Create Freestyle project
SCM => GIT
Paste repository url
https://github.com/Raam043/Pipeline-HTML.git

Use Build steps = ("Shell Executive ")
cp /var/lib/Jenkins/workspace/GitHub-Jenkins-Tomcat/* /opt/apache-tomcat-9.0.65/webapps/RRR

In Tomcat server ($RRR:
chmod 777 -R /opt/apache-tomcat-9.0.65 OR chown -R ec2-user:ec2-user /opt
Give the permission to copy the workspace to RRR folder

Jenkins to Tomcat (External tomcat)

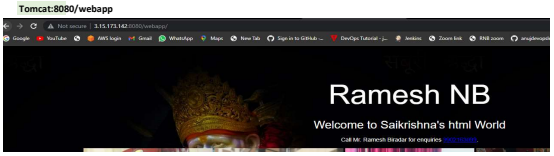
Plugin required — **Deploy to container**, **Git**

Install the JAVA and Maven in Jenkins server
make the Path as per shown below

 # .bash_profile

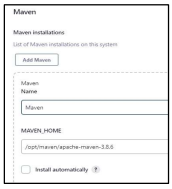
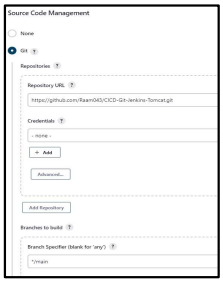
```
# Get the aliases and functions
if [ -f ~/.bashrc ]; then
        . ~/.bashrc
fi

# User specific environment and startup programs
JAVA_HOME=/usr/lib/jvm/java-11-openjdk-11.0.16.0.8-1.amzn2.0.1.x86_64
M2_HOME=/opt/maven/apache-maven-3.8.6
M2=$M2_HOME/bin

PATH=$PATH:$JAVA_HOME:$M2_HOME:$M2:$HOME/bin

export PATH
```

Tomcat:8080/webapp



Create the roles in tomcat for deploying the application by Jenkins using credentials

Jenkins tool configurations



Project - pipeline