**TOMCAT**

**we can do deployment by using tomcat**

**first we have to download tomcat server**

[**www.downloadtomcat.com**](http://www.downloadtomcat.com/)

and we have to install tomcat server on **WINDOWS OR LINUX , in LINUX we will install by using " wget "** command

**first login to root user --------- sudo su**

**download and install tomcatcat server------ wget paste tomcat link**

now we have to extract tar file here,

so command is , **tar -xvzf apache-tomcat-1.7(filename)**

we have to give a command is ll to check list

go to the bin location **, cd apache-tomcat/bin**

**ll**

to run the tomcat we have to use a command is

**sh -x start.sh ( start.sh file will be in bin location cd apache-tomcat/bin )**

to check what are the processes running in your machine , command is

**ps -ef**

to search particular file like java or jenkins command is ,

**ps -ef |grep java or ps -ef |grep jenkins**

**2) TOMCAT DEPLOYMENT USING SCRIPT ?**

actually tomcat we are doing the deployment so here totally four stages we will add in the script first stages i will explain after that script will explain so stages is ,

first it will stop the tomcat server and then it will copy the war file or jar file from the location of your jenkins workspace to your webapps folder that is the tomcat location that is secod stage and third point is after that it will extract that zip file into that application that is third point after that fourth point is it will restart the tomcat server

here i will write the script , as usual we will start bin.sh and second line cp command i will do that is the cp location of the workspace to your tomcat webapps location and then once we copy then stop the tomcat that is **service tomcat stop** command i will write and next command is after copying the tomcat there it should be deploy that means the location of the package i will and then unzip space that package name (unzip packagename) after that next line i will end the task next task i will write **service tomcat restart** after that finally notify i will give email id i will give after deployment it should be like echo success or echo failure

**3) HOW TO CHANGE PORT NUMBER IN TOMCAT ?**

How do I change the default port for Tomcat?

4 Answers

Goto tomcat>conf folder.

Edit server.xml.

Search "Connector port"

Replace "8080" by your port number.

Restart tomcat server.

**>>once we do deployment by using tomcat that packages will be stored into the webapps folder ,**

goto manage apps ------> here you can see the war file deployment

in webapps only we can stop or undeploy or start or reload packages.

**4)ANOTHER WAY TO DEPLOY :**

once we go to apache-tomcat directory inside the apache-tomcat directory you can see webpps folder inside webapps folde you can copy and paste executable .war files after refresh server then that war files you can see inside manage apps.

apache-tomcat ----> webapps----->copy executable war files---->

and go to server refresh check inside the manage apps

>>tomcat only supports for .war files only we can deploy here .war files

>> .jar files we can not deploy in tomcat

>>tomcat will accept only .war files

>>In LINUX ,

we have to install apache-tomcat and extract and go to bin location and hit a command **, $sh -z startup.sh** , now tomcat will start

-->> here also we can directly copy the executable .war files by winscp and go to server give refresh , whaever the file you gave here that file you can see in server once you refresh ,

>>to stop tomcat server ,

**sh -x shutdown.sh**

( or )

**./catalina.sh stop**

**>>to start server**

**./catalina.sh start**