

1ST PROJECT

NAME : Malaga Venkata naga sai pavan Prabhas

EMAIL : prabhasnaidu03@gmail.com

MOBILE NO : 7095702702

BATCH NO : 3PM, B-113

COURSE : AWS,DEVOPS AND AZURE

TRAINER NAME : V.MADHUKAR REDDY

Project : deploying a application into different environments

pipeline script:

```
pipeline {
  agent any
  parameters{
    choice(
      choices:['YES','NO'],
      description:'deploy to tomcat?',
      name:'DEPLOY'
    )
  }
  stages{
    stage('clone'){
      steps{
        git 'https://github.com/Venna12/dockerjenkin.git'
      }
    }
    stage('validate'){
      steps{
        sh 'mvn validate '
      }
    }
    stage('compile'){
      steps{
        sh 'mvn compile'
      }
    }
    stage('test'){
      steps{
        sh 'mvn test'
      }
    }
    stage('package'){
      steps{
        sh 'mvn package'
      }
    }
  }
}
```

```

    }
    stage('deploy to dev'){
        when{
            expression{
                params.DEPLOY == 'YES'
            }
        }
        steps{
            input "do you want to deploy to dev Env"
            deploy adapters: [tomcat9(credentialsId: 'tom1', path: "", url: 'http://100.26.34.45:8080/']],
contextPath: 'dev', war: '**/*.war'
        }
    }
    stage('deploy to test'){
        when{
            expression{
                params.DEPLOY == 'YES'
            }
        }
        steps{
            input "do you want to deploy to test Env"
            deploy adapters: [tomcat9(credentialsId: 'tom1', path: "", url: 'http://3.80.103.215:8080/']],
contextPath: 'test', war: '**/*.war'
        }
    }
    stage('deploy to prod'){
        when{
            expression{
                params.DEPLOY == 'YES'
            }
        }
        steps{
            input "do you want to deploy to prod Env"
            deploy adapters: [tomcat9(credentialsId: 'tom1', path: "", url:
'http://54.227.116.197:8080/']], contextPath: 'prod', war: '**/*.war'
        }
    }
    stage('deploy to pre-prod'){
        when{
            expression{
                params.DEPLOY == 'YES'
            }
        }
        steps{
            input "do you want to deploy to pre-prod Env"
            deploy adapters: [tomcat9(credentialsId: 'tom1', path: "", url: 'http://3.89.241.113:8080/']],
contextPath: 'pre-prod', war: '**/*.war'
        }
    }
}

```

}

BUILD WITH PARAMETERS :

Instance details | EC2 Instance | Jenkins | HTML Inline C | /manager | /manager | /manager | +

Not secure | 54.162.150.52:8080/job/pipeline%20project/build?delay=0sec

Search (CTRL+K) | ganesh | log out

Dashboard > pipeline project >

Status
Changes
Build with Parameters
Configure
Delete Pipeline
Full Stage View
Rename
Pipeline Syntax

Pipeline pipeline project

This build requires parameters:

choice
do you want to deploy

yes

Build Cancel

Build History trend

Filter builds...

Search | ENG IN | 11:05 | 09-11-2023

BUILD SUCCESS:

Instance details | EC2 Instance | final project | Pipeline | /manager | /manager | /manager | /manager | +

Not secure | 52.90.67.121:8080/job/final%20project/

Search | ENG IN | 22:46 | 09-11-2023

Dashboard > final project >

Status
Changes
Build with Parameters
Configure
Delete Pipeline
Full Stage View
Rename
Pipeline Syntax

Pipeline final project

Add description
Disable Project

Stage View

	clone	validate	compile	test	package	deploy to dev	deploy to test	deploy to prod	deploy to pre-prod
Average stage times: (Average full run time: ~26s)	471ms	2s	4s	4s	6s	857ms	268ms	536ms	530ms
#5 Nov 09 22:41 No Changes	502ms	2s	4s	4s	6s	873ms (paused for 8s)	252ms	799ms	785ms
#4 Nov 09 22:40 No Changes									

Build History trend

Filter builds...

Nov 9, 2023, 5:11 PM
Nov 9, 2023, 5:10 PM

DEPLOY TO DEV:

Applications					
Path	Version	Display Name	Running	Sessions	Commands
/	None specified	Welcome to Tomcat	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/dev	None specified	Account Registration Web Application	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/docs	None specified	Tomcat Documentation	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/examples	None specified	Servlet and JSP Examples	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/host-manager	None specified	Tomcat Host Manager Application	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/manager	None specified	Tomcat Manager Application	true	1	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/null	None specified	Account Registration Web Application	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>

DEPLOY TO TEST:

Message:

OK

Manager

List Applications

HTML Manager Help

Manager Help

Server Status

Applications

Path	Version	Display Name	Running	Sessions	Commands
/	None specified	Welcome to Tomcat	true	0	<div> <div>Start</div> <div>Stop</div> <div>Reload</div> <div>Undeploy</div> </div> <div> <div>Expire sessions</div> <div>with idle ≥ 30</div> <div>minutes</div> </div>
/docs	None specified	Tomcat Documentation	true	0	<div> <div>Start</div> <div>Stop</div> <div>Reload</div> <div>Undeploy</div> </div> <div> <div>Expire sessions</div> <div>with idle ≥ 30</div> <div>minutes</div> </div>
/examples	None specified	Servlet and JSP Examples	true	0	<div> <div>Start</div> <div>Stop</div> <div>Reload</div> <div>Undeploy</div> </div> <div> <div>Expire sessions</div> <div>with idle ≥ 30</div> <div>minutes</div> </div>
/host-manager	None specified	Tomcat Host Manager Application	true	0	<div> <div>Start</div> <div>Stop</div> <div>Reload</div> <div>Undeploy</div> </div> <div> <div>Expire sessions</div> <div>with idle ≥ 30</div> <div>minutes</div> </div>
/manager	None specified	Tomcat Manager Application	true	2	<div> <div>Start</div> <div>Stop</div> <div>Reload</div> <div>Undeploy</div> </div> <div> <div>Expire sessions</div> <div>with idle ≥ 30</div> <div>minutes</div> </div>
/test	None specified	Account Registration Web Application	true	1	<div> <div>Start</div> <div>Stop</div> <div>Reload</div> <div>Undeploy</div> </div> <div> <div>Expire sessions</div> <div>with idle ≥ 30</div> <div>minutes</div> </div>

DEPLOY TO PROD:

Applications					
Path	Version	Display Name	Running	Sessions	Commands
/	None specified	Welcome to Tomcat	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/docs	None specified	Tomcat Documentation	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/examples	None specified	Servlet and JSP Examples	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/host-manager	None specified	Tomcat Host Manager Application	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/java-tomcat-maven-example	None specified	Archetype Created Web Application	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/manager	None specified	Tomcat Manager Application	true	2	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/prod	None specified	Account Registration Web Application	true	1	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>

DEPLOY TO PRE-PROD:

Instance d x EC2 Instan x final proje x Pipeline S x /manager x /manager x /manager x /manager x

← → ↻ Not secure 3.89.241.113:8080/manager/html/undeploy?path=/java-tomcat-maven-example&org.apache.catalina.filters.CSRF_NONCE=44f988d6cad1b8b... ☆ ⓘ

Manager

[List Applications](#) [HTML Manager Help](#) [Manager Help](#) [Server Status](#)

Applications

Path	Version	Display Name	Running	Sessions	Commands
/	None specified	Welcome to Tomcat	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/docs	None specified	Tomcat Documentation	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/examples	None specified	Servlet and JSP Examples	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/host-manager	None specified	Tomcat Host Manager Application	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/manager	None specified	Tomcat Manager Application	true	1	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/pre-prod	None specified	Archetype Created Web Application	true	0	<div>Start Stop Reload Undeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>

Deploy

Deploy directory or WAR file located on server

Context Path:

22:39

ENG IN

09-11-2023

FINAL OUTPUT:

This is red

This is thick

This is green

This is thick and green

