

DevopsDay4PipelineSpringBoot

General Build Triggers Advanced Project Options Pipeline

Pipeline

Definition Pipeline script

Script

```
1 node {
2   stage('initialize') {
3     def dockerHome = tool 'maven-3.6.3'
4     def mavenHome = tool 'docker'
5     env.PATH = "${dockerHome}/bin:${mavenHome}/bin:${env.PATH}"
6   }
7   stage('git checkout') {
8     git "https://github.com/pradeepmurjani/DevopsBootCampDemo.git"
9   }
10  stage('code clean, test and build') {
11    sh "mvn clean package"
12  }
13  stage('docker build') {
14  }
```

try sample Pipeline...

☒ Use Groovy Sandbox

[Pipeline Syntax](#)

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Script

```
16 stage('docker build') {
17   sh "sudo docker build -t pradeepmurjani/pipeline_springboot:0.1 ."
18 }
19
20 stage('docker image push into dockerhub') {
21   withCredentials([string(credentialsId: 'dockerHubPassword', variable: 'dockerHubPassword')]) {
22     sh "sudo docker login -u pradeepmurjani -p ${dockerHubPassword}"
23   }
24   sh "sudo docker push pradeepmurjani/pipeline_springboot:0.1"
25 }
26
27 // working, tried and tested
28 // stage('push into pcf via cf command') {
29 //   withCredentials([string(credentialsId: 'pcfPassword', variable: 'pcfPassword')]) {
30 //     sh "cf login -a https://api.run.pivotal.io -u pradeep.m.murjani@gmail.com -p !"
31 //   }
32 }
```

try sample Pipeline...

☒ Use Groovy Sandbox

[Pipeline Syntax](#)

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DevopsDay4PipelineSpringBoot

146.148.110.87:8080/job/DevopsDay4PipelineSpringBoot/configure

Jenkins > DevopsDay4PipelineSpringBoot

General Build Triggers Advanced Project Options Pipeline

Pipeline

Definition Pipeline script

Script

```
24 sh "sudo docker push pradeepmurjani/pipeline_springboot:0.1"
25 }
26
27 // working, tried and tested
28 stage('push into pcf via cf command') {
29 // withCredentials([string(credentialsId: 'pcfPassword', variable: 'pcfPassword')]) {
30 // sh "cf login -a https://api.run.pivotal.io -u pradeep.murjani@gmail.com -p $
31 // }
32 // sh "cf push springboot-cf-cmd --docker-image pradeepmurjani/pipeline_springboot:0.1"
33 // }
34
35 // working, tried and tested
36 stage('push into pcf via CloudFoundry plugin') {
37 pushToCloudFoundry manifestChoice: [manifestFile: 'cicd-pipeline-manifest.yml'], cloud
38 }
39 }
```

☒ Use Groovy Sandbox

[Pipeline Syntax](#)

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pradeepmurjani / DevopsBootCampDemo

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master DevopsBootCampDemo / cicd-pipeline-manifest.yml Go to file ...

pradeepMmurjani update manifest file Latest commit #84dcab 11 minutes ago History

1 contributor

6 lines (6 sloc) 125 Bytes Raw Blame

```
1 ---
2 applications:
3   - name: springboot-cf-plugin
4     memory: 800M
5     instances: 1
6     path: target/cicd-pipeline-0.0.1-SNAPSHOT.jar
```

Disable Project



#37	Jul 26	2
	00:59	commits

	initialize	git checkout	code clean, test and build	docker build	docker image push into dockerhub	push into pcf via CloudFoundry plugin
	61ms	741ms	15s	2s	8s	48s
	53ms	799ms	15s	2s	7s	46s

```
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] sh
+ sudo docker push pradeepmurjani/pipeline_springboot:0.1
The push refers to repository [docker.io/pradeepmurjani/pipeline_springboot]
a73e2d809d83: Preparing
cea99e1ebef5: Preparing
9b9b7f3d56a0: Preparing
f1b5933fe4b5: Preparing
f1b5933fe4b5: Layer already exists
9b9b7f3d56a0: Layer already exists
cea99e1ebef5: Layer already exists
a73e2d809d83: Pushed
0.1: digest: sha256:0b922603fa511f3ceed6f4676f11a70f5d6ae2e0a41fb0329c516996aaba3f size: 1159
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (push into pcf via CloudFoundry plugin)
[Pipeline] pushToCloudFoundry
Cloud Foundry Plugin:
Created app with guid 53b34c00-f1f5-474b-b75e-433954aedbfa
Updated app with guid 53b34c00-f1f5-474b-b75e-433954aedbfa ("route"=>"6e39ee32-cf47-40c1-af29-cf8baa3dc7fa", :verb=>"add", :relation=>"routes", :related_guid=>"6e39ee32-cf47-40c1-af29-cf8baa3dc7fa")
Uploading bits for app with guid 53b34c00-f1f5-474b-b75e-433954aedbfa
Updated app with guid 53b34c00-f1f5-474b-b75e-433954aedbfa ("state"=>"STOPPED"))
Creating build for app with guid 53b34c00-f1f5-474b-b75e-433954aedbfa
Updated app with guid 53b34c00-f1f5-474b-b75e-433954aedbfa ("state"=>"STARTED"))
Downloading web_config_transform_buildpack...
Downloading nodejs_buildpack...
Downloading php_buildpack...
Downloading go_buildpack...
Downloading binary_buildpack...
Downloading web_config_transform_buildpack
Downloading python_buildpack...
Downloading go_buildpack
Downloadingfor dotnet-core buildpack bats
```

