

DevopsDay4PipelineSpringBoot x +

← → ↻ Not secure | 146.148.110.87:8080/job/DevopsDay4PipelineSpringBoot/configure

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Jenkins > 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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Definition Pipeline script

Script

```
19 stage('docker image push into dockerhub') {
20   withCredentials([string(credentialsId: 'dockerHubPassword', variable: 'dockerHubPassword')]) {
21     sh "sudo docker login -u pradeepmurjani -p ${dockerHubPassword}"
22   }
23   sh "sudo docker push pradeepmurjani/pipeline_springboot:0.1"
24 }
25
26 // working, tried and tested
27 stage('push into pcf via cf command') {
28   withCredentials([string(credentialsId: 'pcfPassword', variable: 'pcfPassword')]) {
29     sh "cf login -a https://api.run.pivotal.io -u pradeep.m.murjani@gmail.com -p ${pcfPassword}"
30     sh "cf push springboot-cf-cmd --docker-image pradeepmurjani/pipeline_springboot:0.1"
31   }
32 }
33
34
35
```

try sample Pipeline...

☒ Use Groovy Sandbox

[Pipeline Syntax](#)

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DevopsDay4PipelineSpringBoot

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GeneralBuild TriggersAdvanced Project OptionsPipeline

Pipeline

DefinitionPipeline 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.m.murjani@gmail.com -p ${pcfPassword}"
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'], ci
38     // }
39 }
```

☒ Use Groovy Sandbox

[Pipeline Syntax](#)

SaveApply

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Pipeline DevopsDay4PipelineSpringBoot

add description

Disable Project



Recent Changes

Stage View

<div>Average stage times: (Average full run time: ~46s)</div> <div>#38 Jul 26 01:04 No Changes</div>	initialize	git checkout	code clean, test and build	docker build	docker image push into dockerhub	push into pcf via cf command
	54ms	637ms	15s	2s	10s	17s
	54ms	637ms	15s	2s	10s	17s

```
DevopsDay4PipelineSpringBoot x +
< > C Not secure | 146.148.110.87:8080/job/DevopsDay4PipelineSpringBoot/38/console
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Jenkins > DevopsDay4PipelineSpringBoot #38
[Pipeline] sh
+ sudo docker push pradeepmurjwani/pipeline_springboot:0.1
The push refers to repository [docker.io/pradeepmurjwani/pipeline_springboot]
98f48429559f: Preparing
cea9e1ebef5: Preparing
9b9b7f3d56a0: Preparing
f1b5933fe4b5: Preparing
cea9e1ebef5: Layer already exists
9b9b7f3d56a0: Layer already exists
f1b5933fe4b5: Layer already exists
98f48429559f: Pushed
0.1: digest: sha256:11c4db3d598151e151a913ce54d3a5fa449d3d53f3c20354371ccc2661485b3 size: 1159
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (push into pcf via cf command)
[Pipeline] withCredentials
Masking supported pattern matches of $pcfPassword
[Pipeline] {
[Pipeline] sh
+ cf login -a https://api.run.pivotal.io -u pradeep.m.murjwani@gmail.com -p **** -o pradeep.m.murjwani.org
API endpoint: https://api.run.pivotal.io

Authenticating...
OK

Targeted org pradeep.m.murjwani.org

Targeted space development

API endpoint: https://api.run.pivotal.io (API version: 3.86.0)
User: pradeep.m.murjwani@gmail.com
Org: pradeep.m.murjwani.org
Space: development
```

```
DevopsDay4PipelineSpringBoot x +
< > C Not secure | 146.148.110.87:8080/job/DevopsDay4PipelineSpringBoot/38/console
Apps Play Redis Imported Hyperledger ICICI Food Card SwiftUI Member Home EPFO | Member Pas... AI-100 (Microsoft A... All In One Taleo <Microsoft> devel... StockMarket
Jenkins > DevopsDay4PipelineSpringBoot #38
API endpoint: https://api.run.pivotal.io (API version: 3.86.0)
User: pradeep.m.murjwani@gmail.com
Org: pradeep.m.murjwani.org
Space: development
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] sh
+ cf push springboot-cf-cmd --docker-image pradeepmurjwani/pipeline_springboot:0.1
Pushing app springboot-cf-cmd to org pradeep.m.murjwani.org / space development as pradeep.m.murjwani@gmail.com...
Getting app info...
Creating app with these attributes...
+ name: springboot-cf-cmd
+ docker image: pradeepmurjwani/pipeline_springboot:0.1
routes:
+ springboot-cf-cmd.cfapps.io

Creating app springboot-cf-cmd...
Mapping routes...

Staging app and tracing logs...
Cell 1a6e7825-d948-4dd5-82e0-9a54b12510ba creating container for instance 9c3a20f8-078b-4a48-b88b-84b879111080
Cell 1a6e7825-d948-4dd5-82e0-9a54b12510ba successfully created container for instance 9c3a20f8-078b-4a48-b88b-84b879111080
Staging...
Staging process started ...
Staging process finished
Exit status 0
Staging Complete
Cell 1a6e7825-d948-4dd5-82e0-9a54b12510ba stopping instance 9c3a20f8-078b-4a48-b88b-84b879111080
Cell 1a6e7825-d948-4dd5-82e0-9a54b12510ba destroying container for instance 9c3a20f8-078b-4a48-b88b-84b879111080
Cell 1a6e7825-d948-4dd5-82e0-9a54b12510ba successfully destroyed container for instance 9c3a20f8-078b-4a48-b88b-84b879111080

Waiting for app to start...

name: springboot-cf-cmd
requested state: started
```

DevopsDay4PipelineSpringBoot - x +

Not secure | 146.148.110.87:8080/job/DevopsDay4PipelineSpringBoot/38/console

Jenkins > DevopsDay4PipelineSpringBoot > #38

```
Staging...
Staging process started ...
Staging process finished
Exit status 0
Staging Complete
Cell 1a6e7825-d948-4dd5-82e0-9a54b12510ba stopping instance 9c3a20f8-078b-4a48-b88b-84b879111080
Cell 1a6e7825-d948-4dd5-82e0-9a54b12510ba destroying container for instance 9c3a20f8-078b-4a48-b88b-84b879111080
Cell 1a6e7825-d948-4dd5-82e0-9a54b12510ba successfully destroyed container for instance 9c3a20f8-078b-4a48-b88b-84b879111080

Waiting for app to start...

name:      springboot-cf-cmd
requested state: started
routes:    springboot-cf-cmd.cfapps.io
last uploaded: Sat 25 Jul 19:35:11 UTC 2020
stack:
docker image:   pradeepmurjwani/pipeline_springboot:0.1

type:    web
instances: 1/1
memory usage: 1024M
start command: java -jar app.jar

state since      cpu  memory  disk  details
#0  running 2020-07-25T19:35:22Z 0.0%  69.7M of 1G 116M of 1G

[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

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Apps - Space: development - Pivotal Web Services

console.run.pivotal.io/organizations/4081251d-c089-474d-8ca9-be93f161e03c/spaces/b803d1d5-020c-43f3-82cc-91cfd5b1b1fd

Search apps, services, spaces, & orgs press [f] pradeep.m.murjwani@gmail.com

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SPACE development

RUNNING STOPPED DOWN

2 0 0

Status	Name	Instances	Memory	Last Update	Route
RUNNING	springboot-cf-cmd	1	1 GB	0 min	https://springboot-cf-cmd.cfapps.io
RUNNING	springboot-cf-plugin	1	798.72 MB	4 min	https://springboot-cf-plugin.cfapp...

Apps - Space: development - Pivotal Web Services

DevOps World

springboot-cf-cmd.cfapps.io

Congratulations!!! Welcome to the World of DevOps