

Builds Ecosystem Support Documentation

Jenkins

Build-green deployment

configuration

search

?

Back to Dashboard

Status

Changes

Workspace

Build with Parameters

Delete Project

Configure

Groups

Roles

GitHub Hook Log

Move

Project name

Build-green deployment

Description

[Escaped HTML] [Preview](#)

☒ Discard Old Builds

?

Strategy

Log Rotation

Days to keep builds

60

if not empty, build records are only kept up to this number of days

Max # of builds to keep

if not empty, only up to this number of build records are kept

Advanced...

Build History [trend](#)

#29

[Jun 24, 2015 5:43:38 PM](#)

#27

[Jun 24, 2015 5:31:10 PM](#)

#26

[Jun 24, 2015 5:26:03 PM](#)

#25

[Jun 24, 2015 5:12:29 PM](#)

#24

[Jun 24, 2015 3:48:36 PM](#)

CloudBees DEV@cloud Authorization

CloudBees Public Key































ssh-dss  
AAAAB3NzaC1kc3MAAACBAIUfExIkesOA8ALPludfpsQ1NAyClrDKU7tVzVssUvYpWuNC/FGFQ  
nq52j1/Ww85iE0tXI3eCgs97/QcvmzvbScFSkjKwdt/Q+dGfS7L9wQbVPkjBelLe3dycC8+F+L35bB  
y28uiW4f/+g5Ky5RIEHcWELbOhpqVe5b8WALy+Z4tAAAAFQCpRlj3JYPr33l66+0BXC52nTZH5  
wAAAIBAt4lLb3Ls4khup/iLhsDbXDTPq41AycWqUSgNPlyu1LUMk/80vflTGRCNE7ycpJjr3p9fmX  
QvssQbFEBDQrT24KdLpY4bU89NpUcS7dRAcFQbN8U4kccYcc8m7zpgU8SLUChk44QIL

Save

Apply

https://cbuschpivotal.ci.cloudbees.com/job/Build-green%20deployment/configure

Page 1 of 10

-  [Jun 24, 2015 11:05:05 AM](#)
-  #23
-  [Jun 24, 2015 11:03:41 AM](#)
-  #22
-  [Jun 24, 2015 10:56:12 AM](#)
-  #21
-  [Jun 24, 2015 10:46:02 AM](#)
-  #20
-  [Jun 24, 2015 10:29:13 AM](#)
-  #19
-  [Jun 24, 2015 10:08:02 AM](#)
-  #18
-  [Jun 24, 2015 9:07:11 AM](#)
-  #17
-  [Jun 24, 2015 9:05:44 AM](#)
-  #16
-  [Jun 24, 2015 9:04:11 AM](#)
-  #15
-  [Jun 23, 2015 5:25:30 PM](#)
-  #14
-  [Jun 23, 2015 5:20:52 PM](#)
-  #13
-  [Jun 23, 2015 5:16:45 PM](#)
-  #12
-  [Jun 23, 2015 5:08:30 PM](#)
-  #11
-  [Jun 23, 2015 5:01:31 PM](#)
-  #10
-  [Jun 23, 2015 4:50:36 PM](#)
-  #9

 [RSS for all](#)  [RSS for failures](#)

GitHub project

☒ This build is parameterized**String Parameter**

Name

CF\_SYSTEM\_DOMAIN

Default Value

run.pivotal.io

Description

[Escaped HTML] [Preview](#)

Delete

**String Parameter**

Name

CF\_APPS\_DOMAIN

Default Value

cfapps.io

Description

[Escaped HTML] [Preview](#)

Delete

String Parameter



Name



Default Value



Description



[Escaped HTML] [Preview](#)

Delete

String Parameter



Name



Default Value



Description



[Escaped HTML] [Preview](#)

Delete

String Parameter



Name



Default Value

busch

?

Description

?

[Escaped HTML] [Preview](#)

Delete

String Parameter

?

Name

CF\_JAR

?

Default Value

build/libs/blue-green-v0.0.1.war

?

Description

?

[Escaped HTML] [Preview](#)

Delete

String Parameter

?

Name

CF\_MANIFEST

?

Default Value

manifest.yml

?

Description



[Escaped HTML] [Preview](#)

Delete

Password Parameter



Name

CF\_PWD



Default Value

.....



Description



[Escaped HTML] [Preview](#)

Delete

String Parameter



Name

CF\_APP



Default Value

blue-green-demo



Description



[Escaped HTML] [Preview](#)

Delete

Add Parameter

☐ Disable Build (No new builds will be executed until the project is re-enabled.)



☐ Execute concurrent builds if necessary



JDK

Oracle JDK 1.8 (latest)

JDK to be used for this project

☐ Restrict where this project can be run



Advanced Project Options

Advanced...

Source Code Management

☐ None

☐ CVS

☐ CVS Projectset

☒ Git

Repositories

Repository URL

https://github.com/cbusch-pivotal/blue-green-demo



Credentials

cbusch-pivotal/\*\*\*\*\* (github)



Add



Advanced...

Add Repository

Delete Repository

Branches to build

Branch Specifier (blank for 'any')

\*/master



Add Branch

Delete Branch

Repository browser

(Auto)

Additional Behaviours

Add

☐ Subversion

Build Triggers

- ☐ Trigger builds remotely (e.g., from scripts)
- ☐ Build after other projects are built
- ☐ Build periodically
- ☐ Build when a change is pushed to CloudBees Forge
- ☒ Build when a change is pushed to GitHub
- ☐ Poll SCM

Build Environment

- ☐ Mask passwords (and enable global passwords)
- ☐ Abort the build if it's stuck
- ☐ Mount CloudBees DEV@cloud Private WebDav Repository

Build

Invoke Gradle script

☒ Invoke Gradle

Gradle Version








gradle-latest

☐ Use Gradle Wrapper

Build step description

build environment agnostic artifact

Switches

	<input type="text" value="-Pbuildversion=\$BUILD_NUMBER"/>	 
Tasks	<input type="text" value="clean assemble"/>	 
Root Build script	<input type="text"/>	
Build File	<input type="text"/>	
Specify Gradle build file to run. Also, <a href="#">some environment variables are available to the build script</a>		
Force GRADLE_USER_HOME to use workspace	<input type="checkbox"/>	

Delete

### Execute shell



Command

```
# log into CF CLI
wget http://go-cli.s3-website-us-east-1.amazonaws.com/releases/latest/cf-linux-amd64.tgz
tar -zxvf cf-linux-amd64.tgz
./cf --version
./cf login -a https://api.$CF_SYSTEM_DOMAIN -u cbusch@pivotal.io -p ${CF_PWD} -o Central -s busch
--skip-ssl-validation

# create variables
DEPLOYED_VERSION_CMD=$(CF_COLOR=false ./cf apps | grep "$CF_APP" | cut -d" " -f1)
DEPLOYED_VERSION="$DEPLOYED_VERSION_CMD"
ROUTE_VERSION=$(echo "${BUILD_NUMBER}" | cut -d"." -f1-3 | tr '.' '-')
echo "Deployed Version Cmd: DEPLOYED_VERSION_CMD"
echo "Deployed Version: $DEPLOYED_VERSION"
echo "Route Version: $ROUTE_VERSION"
echo "Build Number: ${BUILD_NUMBER}"

# push a new version and map the route
./cf push "$CF_APP-$BUILD_NUMBER" -i 1 -m 512M -n "$CF_APP-$ROUTE_VERSION" -d
$CF_APPS_DOMAIN -p $CF_JAR --no-manifest
./cf map-route "$CF_APP-${BUILD_NUMBER}" $CF_APPS_DOMAIN -n $CF_APP-ccb

# smoke test the code and routes
echo "Smoke test http://$CF_APP-${BUILD_NUMBER}.$CF_APPS_DOMAIN route"
SMOKETEST1=$(awk 'BEGIN {curl -sI http://$CF_APP-${BUILD_NUMBER}.$CF_APPS_DOMAIN' |
catline - print $2'\n')
```



```

done; print $?; }
if [ ! $SMOKETEST1 -eq 200 ]; then
    echo "Smoke test #1 failed"
    exit 1 # terminate and indicate error
fi

echo "Smoke test http://$CF_APP-ccb.$CF_APPS_DOMAIN route"
SMOKETEST2=$(awk 'BEGIN {"curl -sI http://$CF_APP-ccb.$CF_APPS_DOMAIN" | getline; print $2}')
if [ ! $SMOKETEST2 -eq 200 ]; then
    echo "Smoke test #2 failed"
    exit 1 # terminate and indicate error
fi

echo "$CF_APP-${BUILD_NUMBER}"
echo "checking to perform cutover"
if [ ! -z "$DEPLOYED_VERSION" -a "$DEPLOYED_VERSION" != " " -a "$DEPLOYED_VERSION" !=
"$CF_APP-${BUILD_NUMBER}" ]; then
    echo "Performing zero-downtime cutover to $BUILD_NUMBER"
    while read line
    do
        if [ ! -z "$line" -a "$line" != " " -a "$line" != "$CF_APP-${BUILD_NUMBER}" ]; then
            echo "Scaling down, unmapping and removing $line"
            # Unmap the route and delete
            ./cf unmap-route "$line" $CF_APPS_DOMAIN -n $CF_APP-ccb

            # delete app is you don't want to roll-back
            ./cf delete "$line" -f

            ./cf delete-route $CF_APPS_DOMAIN -n "$line" -f
        else
            echo "Skipping $line"
        fi
    done <<< "$DEPLOYED_VERSION"
fi

```

See [the list of available environment variables](#)

Delete

Add build step

Post-build Actions

Add post-build action