

Zero-downtime deployment

PLANTS BY WEBSHERE

Your shopping cart is currently empty

[Flowers](#)[Fruits & Vegetables](#)[Trees](#)[Accessories](#)[HOME](#) [SHOPPING CART](#) [LOGIN](#) [HELP](#)Gardens
of SummerThey all start
with the right flowers...

and we've got them all



Tips

Preserve extra grass seed by keeping it dry. Tape boxes and bags closed, or seal them into plastic bags. Be sure to remove extra air from the bags. Store all seed in a cool, dry area such as a garage or basement.

Specials

**Bonsai Tree**
\$30.00 each**Red Delicious Strawberries**
\$3.50 (50 seeds)**Tulips**
\$17.00 (10 bulbs)

Powered by

[Flowers](#) : [Fruits & Vegetables](#) : [Trees](#) : [Accessories](#) : [Home](#) : [Shopping Cart](#) : [My Account](#) : [Login](#) : [Help](#)

Jenkins > user01_demo_pipeline

ENABLE AUTO REFRESH

[Back to Dashboard](#)[Status](#)[Changes](#)[Build with Parameters](#)[Configure](#)[Full Stage View](#)[Rename](#)[Pipeline Syntax](#)[GitHub Hook Log](#)

Pipeline user01_demo_pipeline

[add description](#)

Disable Project



Recent Changes

Stage View

Build History

trend

find

#19 Mar 20, 2019 4:30 PM

#20 Mar 20, 2019 4:26 PM

#18 Mar 20, 2019 4:10 PM

#17 Mar 20, 2019 4:06 PM

#25 Mar 20, 2019 12:51 PM

#25 Mar 20, 2019 12:43 PM

#24 Mar 20, 2019 12:42 PM

#23 Mar 20, 2019 12:37 PM

#22 Mar 20, 2019 12:32 PM

#21 Mar 20, 2019 12:30 PM

Average stage times:
(Average full run time: ~53s)

	Declarative: Checkout SCM	Declarative: Tool Install	Initialize	Build application ear file	Build Docker Image	Push Docker Image to Registry	Deploy new Docker Image
	480ms	119ms	462ms	8s	2s	18s	2min 22s
#19 Mar 20 11:30 1 commit	507ms	106ms	465ms	8s	3s	7s	52s
#25 Mar 20 11:26 No Changes	288ms	116ms	452ms	8s	2s	30s	3min 17s aborted
#23 Mar 20 11:10 No Changes	577ms	158ms	474ms	8s	2s	43s	15min 2s aborted
#27							

djccarew / pbw-scaling-demo

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

pbw-scaling-demo / pbw-web / src / main / webapp / promo.xhtml or cancel

Edit file Preview changes

Tab 8 No wrap

```
188 </h:commandLink>
189 <p>
190   <h:commandLink styleClass="promos" action="#{shopping.performProductDetail}" >
191     <f:param name="itemID" value="V0005" />
192     <f:verbatim>
193       Bonsai Tree
194     </f:verbatim>
195     $30.00 each
196   </h:commandLink>
197 </p>
198 </td>
199 <td align="center" valign="top" style="background-color: #0CEBCD">
200   <h:commandLink action="#{shopping.performProductDetail}" >
201     <f:param name="itemID" value="V0006" />
202     <h:graphicImage library="images" name="veggies_strawberries_48.jpg" style="border: 0px; width: 48px;" />
203   </h:commandLink>
204   <p>
205     <h:commandLink styleClass="promos" action="#{shopping.performProductDetail}" >
206       <f:param name="itemID" value="V0006" />
207       <f:verbatim>
208         Red Delicious Strawberries
209       </f:verbatim>
210       $3.50 (50 seeds)
211     </h:commandLink>
212   </p>
213 </td>
```

PLANTS BY WEBSHERE

Your shopping cart is currently empty.

Flowers Fruits & Vegetables Trees Accessories

HOME SHOPPING CART LOGIN HELP

Gardens of Summer

They all start with the right flowers...

and we've got them all

Tips

Preserve extra grass seed by keeping it dry. Tape boxes and bags closed, or seal them into plastic bags. Be sure to remove extra air from the bags. Store all seed in a cool, dry area such as a garage or basement.

Specials



Bonsai Tree
\$30.00 each



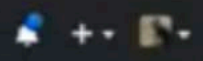
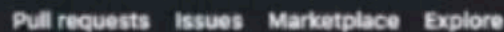
Red Delicious Strawberries
\$3.50 (50 seeds)



Tulips
\$17.00 (10 bulbs)



Flowers : Fruits & Vegetables : Trees : Accessories : Home : Shopping Cart : My Account : Login : Help



Y Fork 0

© Settings

 or [cancel](#)

 [Preview changes](#)

No wrap

```

88      </h:commandLink>
89    <p>
90      <h:commandLink styleClass="pronos" action="#{shopping.performProductDetail}" >
91        <f:param name="itemID" value="T0003" />
92        <f:verbatim>
93          Bonsai Tree
94        </f:verbatim>
95        <del>$35.00</del> $25.00 each
96      </h:commandLink>
97    </p>
98  </td>
99
100  <td align="center" valign="top" style="background-color: #DCEBCD">
101    <h:commandLink action="#{shopping.performProductDetail}" >
102      <f:param name="itemID" value="V0006" />
103      <h:graphicImage library="images" name="veggies_strawberries_48.jpg" style="border: 0px; width: 48px;" />
104    </h:commandLink>
105    <p>
106      <h:commandLink styleClass="pronos" action="#{shopping.performProductDetail}" >
107        <f:param name="itemID" value="V0006" />
108        <f:verbatim>
109          Red Delicious Strawberries
110        </f:verbatim>
111        $3.50 (50 seeds)
112      </h:commandLink>

```

```
128         <br />
129         $17.00 (10 bulbs)
130     </f:verbatim>
131 </h:commandLink>
132 </p>
133 </td>
134 </tr>
135 </table>
136 </td>
137 </tr>
138 </table>
139 </td>
140 </tr>
141 </table>
142 </td>
143 </tr>
144 </table>
145 </h:form>
146 </ui:define>
147 </ui:composition>
148 </html>
149
```

Commit changes

- ☒ Commit directly to the `main` branch.
- ☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Jenkins / user01_demo_pipeline

[Auto Refresh]

- Back to Dashboard
- Status
- Changes
- Build with Parameters
- Configure
- Full Stage View
- Rename
- Pipeline Syntax
- GitHub Hook Log

Pipeline user01_demo_pipeline

[Add description](#)

[Disable Project]



Stage View

Build History

[End] <

#	Time
#19	Mar 20, 2019 4:30 PM
#18	Mar 20, 2019 4:26 PM
#17	Mar 20, 2019 4:10 PM
#16	Mar 20, 2019 4:08 PM
#15	Mar 20, 2019 12:51 PM
#14	Mar 20, 2019 12:43 PM
#13	Mar 20, 2019 12:42 PM
#12	Mar 20, 2019 12:37 PM
#11	Mar 20, 2019 12:32 PM
#10	Mar 20, 2019 12:30 PM

Average stage times
(Average full run time: ~53s)

#19	Mar 20 12:18	1 commit
#16	Mar 20 11:30	1 commit
#10	Mar 20 11:28	No Changes

Declarative: Checkout SCM	Declarative: Tool Install	Initialize	Build application ear file	Build Docker image	Push Docker image to Registry	Deploy new Docker image
468ms	120ms	460ms	8s	2s	18s	2min 22s
260ms	129ms	443ms				
47s						
907ms	106ms	465ms	8s	5s	7s	52s
286ms	110ms	450ms	8s	2s	30s	3min 17s

- Back to Dashboard
- Status
- Changes
- Build with Parameters
- Configure
- Full Stage View
- Rename
- Pipeline Syntax
- GitHub Hook Log

Pipeline user01_demo_pipeline

[add description](#)

Disable Project



Stage View

Build History trend

Find

- #10 Mar 20, 2019 4:30 PM
- #9 Mar 20, 2019 4:26 PM
- #8 Mar 20, 2019 4:10 PM
- #7 Mar 20, 2019 4:08 PM
- #5 Mar 20, 2019 12:51 PM
- #5 Mar 20, 2019 12:43 PM
- #4 Mar 20, 2019 12:42 PM
- #3 Mar 20, 2019 12:37 PM
- #2 Mar 20, 2019 12:32 PM
- #1 Mar 20, 2019 12:30 PM

Average stage times:
(Average full run time: ~53s)

#11
Mar 20 12:18
1 commit

#10
Mar 20 11:30
1 commit

#9
Mar 20 11:26
No Changes

Declarative: Checkout SCM	Declarative: Tool Install	Initialize	Build application ear file	Build Docker Image	Push Docker Image to Registry	Deploy new Docker Image
468ms	120ms	460ms	8s	2s	18s	2min 22s
360ms	129ms	443ms	8s	2s		
507ms	106ms	465ms	8s	3s	7s	52s
286ms	116ms	452ms	8s	2s	30s	3min 17s aborted

- [Back to Dashboard](#)
- [Status](#)
- [Changes](#)
- [Build with Parameters](#)
- [Configure](#)
- [Full Stage View](#)
- [Rename](#)
- [Pipeline Syntax](#)
- [GitHub Hook Log](#)

Pipeline user01_demo_pipeline

[add description](#)

Disable Project

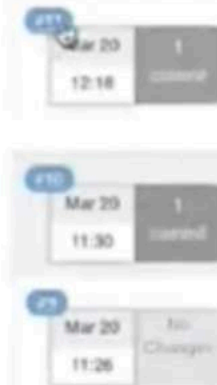


Stage View

Build History [trend](#)

find

- #19 Mar 20, 2019 4:30 PM
- #2 Mar 20, 2019 4:26 PM
- #8 Mar 20, 2019 4:10 PM
- #7 Mar 20, 2019 4:08 PM
- #5 Mar 20, 2019 12:51 PM
- #5 Mar 20, 2019 12:43 PM
- #4 Mar 20, 2019 12:42 PM
- #2 Mar 20, 2019 12:37 PM
- #2 Mar 20, 2019 12:32 PM
- #1 Mar 20, 2019 12:30 PM

Average stage times
(Average full run time: ~53s)

Declarative: Checkout SCM	Declarative: Tool Install	Initialize	Build application ear file	Build Docker Image	Push Docker Image to Registry	Deploy new Docker Image
468ms	120ms	460ms	8s	2s	17s	2min 2s
260ms	129ms	443ms	8s	2s	8s	
32s						
507ms	106ms	465ms	8s	3s	7s	52s
286ms	116ms	452ms	8s	2s	30s	3min 17s

 [Back to Project](#) [Status](#) [Changes](#) [Console Output](#) [View Build Information](#) [Polling Log](#) [Parameters](#) [Git Build Data](#) [Thread Dump](#) [Pause/resume](#) [Replay](#) [Pipeline Steps](#) [Previous Build](#)**Build #11 (Mar 20, 2019 5:18:12 PM)**Progress: 

Started 26 sec ago



Changes

1. Demo ([detail](#) / [githubweb](#))Started by [Github push](#) by diccarew

git

Revision: 1900ebbb9d250522c9ec3917adebde3472ae773a

• [refs/remotes/origin/master](#)

- Back to Project
- Status
- Changes
- Console Output
- View Build Information
- Plotting Log
- Parameters
- Git Build Data
- Thread Dump
- Pause/resume
- Replay
- Pipeline Steps
- Previous Build

**Build #11 (Mar 20, 2019 5:18:12 PM)**Progress:

Started 26 sec ago




Changes

1 Demo ([detail](#) / [githubweb](#))Started by [Github push](#) by [discarew](#)

Revision: 1900ebbb9f250522c9ec3917adebde3472ae773a

* [refs/remotes/origin/master](#)

 [Back to Project](#) [Status](#) [Changes](#) [Console Output](#) [View Build Information](#) [Polling Log](#) [Parameters](#) [Git Build Data](#) [Thread Dump](#) [Pause/resume](#) [Replay](#) [Pipeline Steps](#) [Previous Build](#)**Build #11 (Mar 20, 2019 5:18:12 PM)**Progress: 

Started 26 sec ago



Changes

1. Demo ([detail](#)) / [githubweb](#)Started by [GitHub push](#) by [diccarew](#)

git

Revision: 1900ebbb9f250522c9ec3917adebde3472ae773a

• [refs/remotes/origin/master](#)



dev user01

log out

Jenkins > user01_demo_pipeline > #11

Back to Project

Status

Changes

Console Output

[View as plain text](#)

View Build Information

Polling Log

Parameters

Get Build Data

Thread Dump

Pause/resume

Replay

Pipeline Steps

Previous Build



Console Output

Progress:



28

29

Slide 8 of 10

Jenkins > user01_demo_pipeline > #11

```
[user@100] 11
+ Docker build -t us.icr.io/appmod_gs/user01/pbw-mariadb-web-scaling:1.0.0.11 ...
Sending build context to Docker daemon 22.53MB

Step 1/8 : FROM webosphere-liberty:web@otline7
--> 8f1c8e7b51f
Step 2/8 : RUN mkdir /opt/ibm/wlp/usr/shared/resources/mysql
--> Using cache
--> 977826e154da
Step 3/8 : COPY docker/liberty/mysql-commercial-java-5.1.38.jar /opt/ibm/wlp/usr/shared/resources/mysql/
--> Using cache
--> 3b0f4eeb0281
Step 4/8 : RUN /opt/ibm/wlp/bin/installUtility install --verbose --acceptLicense jsp-2.3
derbylet-1.1 ejbLite-1.2 ejbRemote-1.2 jst-2.2 beanValidation-1.1 jndi-1.0 jdbco-
4.2 cdi-1.2 javaMail-1.5 ei-1.0 jpa-2.1
--> Using cache
--> d5fcd358ea2
Step 5/8 : COPY wlp/server.xml /config
--> Using cache
--> f22481114070
Step 6/8 : ADD pbw-war/target/plants-by-webosphere-joes-mysql.war
/opt/ibm/wlp/usr/servers/defaultServer/app
--> f22b90850f29
Successfully built f22b90850f29
Successfully tagged us.icr.io/appmod_gs/user01/pbw-mariadb-web-scaling:1.0.0.11

[user@100] 1
[user@100] 1: exit
[user@100] 2
[user@100] 3: window
[user@100] 4
[user@100] 5: shell
[user@100] 6: merge
[user@100] 7: [WARN] Cannot derive fix identifier
[user@100] 8: OK
[user@100] 9: [WARN] [WARN] OK
[user@100] 10: OK
[user@100] 11: OK
[user@100] 12: OK
[user@100] 13: OK
[user@100] 14: OK
[user@100] 15: OK
[user@100] 16: OK
[user@100] 17: OK
[user@100] 18: OK
[user@100] 19: OK
[user@100] 20: OK
[user@100] 21: OK
[user@100] 22: OK
[user@100] 23: OK
[user@100] 24: OK
[user@100] 25: OK
[user@100] 26: OK
[user@100] 27: OK
[user@100] 28: OK
[user@100] 29: OK
[user@100] 30: OK
[user@100] 31: OK
[user@100] 32: OK
[user@100] 33: OK
[user@100] 34: OK
[user@100] 35: OK
[user@100] 36: OK
[user@100] 37: OK
[user@100] 38: OK
[user@100] 39: OK
[user@100] 40: OK
[user@100] 41: OK
[user@100] 42: OK
[user@100] 43: OK
[user@100] 44: OK
[user@100] 45: OK
[user@100] 46: OK
[user@100] 47: OK
[user@100] 48: OK
[user@100] 49: OK
[user@100] 50: OK
[user@100] 51: OK
[user@100] 52: OK
[user@100] 53: OK
[user@100] 54: OK
[user@100] 55: OK
[user@100] 56: OK
[user@100] 57: OK
[user@100] 58: OK
[user@100] 59: OK
[user@100] 60: OK
[user@100] 61: OK
[user@100] 62: OK
[user@100] 63: OK
[user@100] 64: OK
[user@100] 65: OK
[user@100] 66: OK
[user@100] 67: OK
[user@100] 68: OK
[user@100] 69: OK
[user@100] 70: OK
[user@100] 71: OK
[user@100] 72: OK
[user@100] 73: OK
[user@100] 74: OK
[user@100] 75: OK
[user@100] 76: OK
[user@100] 77: OK
[user@100] 78: OK
[user@100] 79: OK
[user@100] 80: OK
[user@100] 81: OK
[user@100] 82: OK
[user@100] 83: OK
[user@100] 84: OK
[user@100] 85: OK
[user@100] 86: OK
[user@100] 87: OK
[user@100] 88: OK
[user@100] 89: OK
[user@100] 90: OK
[user@100] 91: OK
[user@100] 92: OK
[user@100] 93: OK
[user@100] 94: OK
[user@100] 95: OK
[user@100] 96: OK
[user@100] 97: OK
[user@100] 98: OK
[user@100] 99: OK
[user@100] 100: OK
```

Jenkins > user01_demo_pipeline > #11

b29ce7eb1fd8: Preparing
0b1b454f58d0: Preparing
3f5e0e2f87f8: Preparing
3bc04ecd618f: Preparing
3b0317a50006: Preparing
b17e502dd59e: Preparing
8875570ea7fb: Preparing
5ee0235b181e: Preparing
2b02aa9607fe: Preparing
e1b7c153a50b: Preparing
db43b9a81955: Preparing
b253d5479e17: Preparing
8c989ce1fda5: Preparing
7cb0f0fa4feb: Preparing
68dda0c9a8cd: Preparing
f67191ee09b8: Preparing
b2fd8b4c3da7: Preparing
0de2edf7bfff: Preparing
3b0317a50006: Waiting
b17e502dd59e: Waiting
8875570ea7fb: Waiting
5ee0235b181e: Waiting
2b02aa9607fe: Waiting
e1b7c153a50b: Waiting
db43b9a81955: Waiting
b253d5479e17: Waiting
8c989ce1fda5: Waiting
7cb0f0fa4feb: Waiting
68dda0c9a8cd: Waiting
f67191ee09b8: Waiting
b2fd8b4c3da7: Waiting
0de2edf7bfff: Waiting
3bc04ecd618f: Waiting
3f5e0e2f87f8: Layer already exists
b29ce7eb1fd8: Layer already exists
0b1b454f58d0: Layer already exists
3bc04ecd618f: Layer already exists
b17e502dd59e: Layer already exists
8875570ea7fb: Layer already exists
3b0317a50006: Layer already exists

PLANTS BY WEBSHERE

Your shopping cart is currently empty

Flowers Fruits & Vegetables Trees Accessories

Home Shopping Cart Login Help

Gardens of Summer

They all start with the right flowers...

and we've got them all



Tip

Preserve extra grass seed by keeping it dry. Tape boxes and bags closed, or seal them into plastic bags. Be sure to remove extra air from the bags. Store all seed in a cool, dry area such as a garage or basement.

Specials



Bonsai Tree
\$30.00 each



Red Delicious Strawberries
\$3.50 (50 seeds)



Tulips
\$17.00 (10 bulbs)



Flowers : Fruits & Vegetables : Trees : Accessories : Home : Shopping Cart : My Account : Login : Help

PLANTS BY WEBSPHERE

Your shopping cart is currently empty

Flowers Fruits & Vegetables Trees Accessories

HOME SHOPPING CART LOGIN HELP

Gardens of Summer

They all start with the right flowers...

and we've got them all



Tip

Preserve extra grass seed by keeping it dry. Tape boxes and bags closed, or seal them into plastic bags. Be sure to remove extra air from the bags. Store all seed in a cool, dry area such as a garage or basement.

Specials



Bonsai Tree

~~\$35.00~~ \$25.00 each



Red Delicious Strawberries

\$3.50 (50 seeds)



Tulips

\$17.00 (10 bulbs)

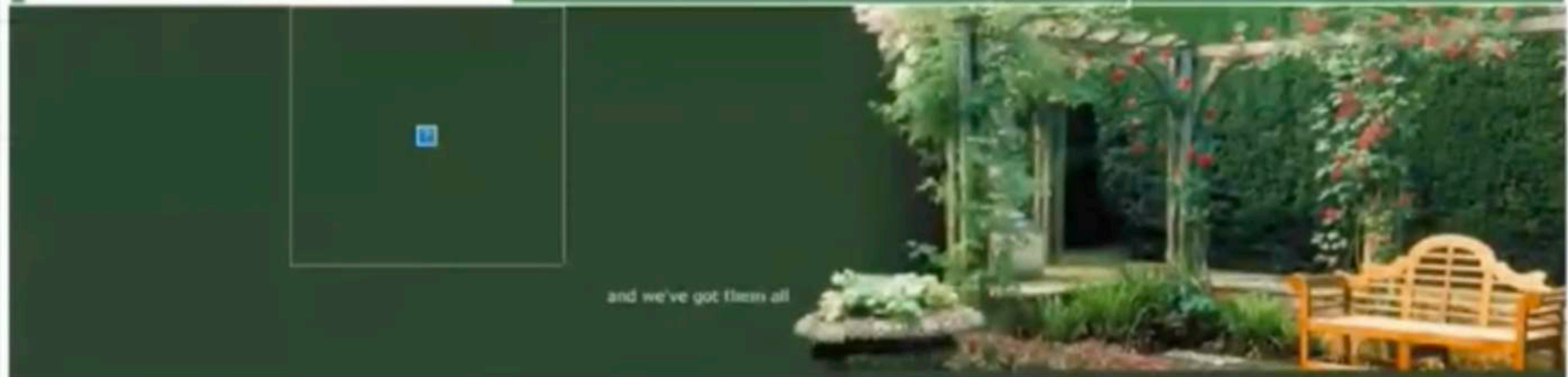
Powered by



Flowers : Fruits & Vegetables : Trees : Accessories : Home : Shopping Cart : My Account : Login : Help

Slide 8 of 10

PLANTS BY WEBSHERE Your shopping cart is currently empty

[Flowers](#)[Fruits & Vegetables](#)[Trees](#)[Accessories](#)[HOME](#) [SHOPPING CART](#) [LOGIN](#) [HELP](#)

Tips

Preserve extra grass seed by keeping it dry. Tape boxes and bags closed, or seal them into plastic bags. Be sure to remove extra air from the bags. Store all seed in a cool, dry area such as a garage or basement.

Specials



[Bonsai Tree](#)
~~\$35.00~~ \$25.00 each

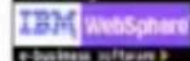


[Red Delicious Strawberries](#)
\$3.50 (\$0 seeds)



[Tulips](#)
\$17.00 (10 bulbs)

Powered by



[Flowers](#) : [Fruits & Vegetables](#) : [Trees](#) : [Accessories](#) : [Home](#) : [Shopping Cart](#) : [My Account](#) : [Login](#) : [Help](#)

```
38     }
39   }
40 }
41
42 stage('Build Docker Image') {
43   steps {
44     script {
45       echo "docker build -t ${REGISTRY_URL}/${REGISTRY_NS}/pbw-mariadb-web-scaling:${MAJOR_PREFIX}.${BUILD_NUMBER}"
46       sh "docker build -t ${REGISTRY_URL}/${REGISTRY_NS}/pbw-mariadb-web-scaling:${MAJOR_PREFIX}.${BUILD_NUMBER} ."
47     }
48   }
49 }
50
51 stage('Push Docker Image to Registry') {
52   steps {
53     withCredentials([usernamePassword(credentialsId: clusterCredsID,
54                                     usernameVariable: 'USERNAME',
55                                     passwordVariable: 'PASSWORD')]) {
56       sh """
57       #!/bin/bash
58       docker login -u ${USERNAME} -p ${PASSWORD} ${env.REGISTRY_URL}
59       docker push ${env.REGISTRY_URL}/${env.REGISTRY_NS}/pbw-mariadb-web-scaling:${env.MAJOR_PREFIX}.${env.BUILD_NUM}
60     """
61     }
62   }
63 }
64
65 stage('Deploy new Docker Image') {
66   steps {
67     echo 'Deploying....'
68     withCredentials([usernamePassword(credentialsId: clusterCredsID,
69                                     usernameVariable: 'USERNAME',
70                                     passwordVariable: 'PASSWORD')]) {
71       sh """
72       #!/bin/bash
73       ibmcloud login --apikey ${PASSWORD} -r ${env.REGION} -g ${env.RESOURCE_GROUP}
74       eval `ibmcloud ks cluster-config --cluster ${env.CLUSTER_NAME} --export`
75     """
76   }
77 }
```

```
41 }
42 )
43
44 stage('Deploy new Docker Image') {
45     steps {
46         echo 'Deploying....'
47         withCredentials([usernamePassword(credentialsId: clusterCredsID,
48             usernameVariable: 'USERNAME',
49             passwordVariable: 'PASSWORD')]) {
50
51             sh """
52             #!/bin/bash
53             ibmcloud login --apikey $(PASSWORD) -r $(env.REGION) -g $(env.RESOURCE_GROUP)
54             eval `$(ibmcloud ks cluster-config --cluster $(env.CLUSTER_NAME) --export)`
55             DEPLOYMENT=$(kubectl --namespace=$(env.DEPLOYMENT_NS) get deployments -l app=plw-liberty-mariadb,component=web
56             kubectl --namespace=$(env.DEPLOYMENT_NS) get \${DEPLOYMENT} --no-headers -o custom-columns=":metadata.name"
57             if [ \${?} -ne "0" ]; then
58                 # No deployment to update
59                 echo 'No deployment to update'
60                 exit 1
61             fi
62             # Update Deployment
63             kubectl --namespace=$(env.DEPLOYMENT_NS) set image \${DEPLOYMENT} $(env.RELEASE_NAME)-liberty=$(env.REGISTRY)
64             kubectl --namespace=$(env.DEPLOYMENT_NS) rollout status \${DEPLOYMENT}
65             """
66         }
67     }
68 }
69
70 }
```



```
64     }
65 }
66
67 stage('Deploy new Docker Image') {
68     steps {
69         echo 'Deploying....'
70         withCredentials([usernamePassword(credentialsId: clusterCredsID,
71             usernameVariable: 'USERNAME',
72             passwordVariable: 'PASSWORD')]) {
73             sh """
74             #!/bin/bash
75             ibmcloud login --apikey ${PASSWORD} -r ${env.REGION} -g ${env.RESOURCE_GROUP}
76             eval `$(ibmcloud ks cluster-config --cluster ${env.CLUSTER_NAME} --export)`
77             DEPLOYMENT=$(kubectl --namespace=${env.DEPLOYMENT_NS} get deployments -l app=pbw-liberty-mariadb,component=web
78             kubectl --namespace=${env.DEPLOYMENT_NS} get ${DEPLOYMENT} --no-headers -o custom-columns=":metadata.name"
79             if [ ${DEPLOYMENT} -ne "" ]; then
80                 # No deployment to update
81                 echo 'No deployment to update'
82                 exit 1
83             fi
84             # Update Deployment
85             kubectl --namespace=${env.DEPLOYMENT_NS} set image ${DEPLOYMENT} ${env.RELEASE_NAME}-liberty-${env.REGISTR
86             kubectl --namespace=${env.DEPLOYMENT_NS} rollout status ${DEPLOYMENT}
87             echo
88         }
89     }
90 }
91 }
92 }
93 }
```

