

Lab 2

Design-Time Governance

Lab Steps

- Step 1 :Review default workflow in JBDS
- Step 2 :Deploy default workflow
- Step 3 :Review DTGov UI
- Step 4 :View DTGov configuration
- Step 5 :Distribution management for application
- Step 6 :Create link for production
- Step 7 :Deploy application to S-RAMP
- Step 8 :Walk through workflow

Step I

Review DTGov Workflow

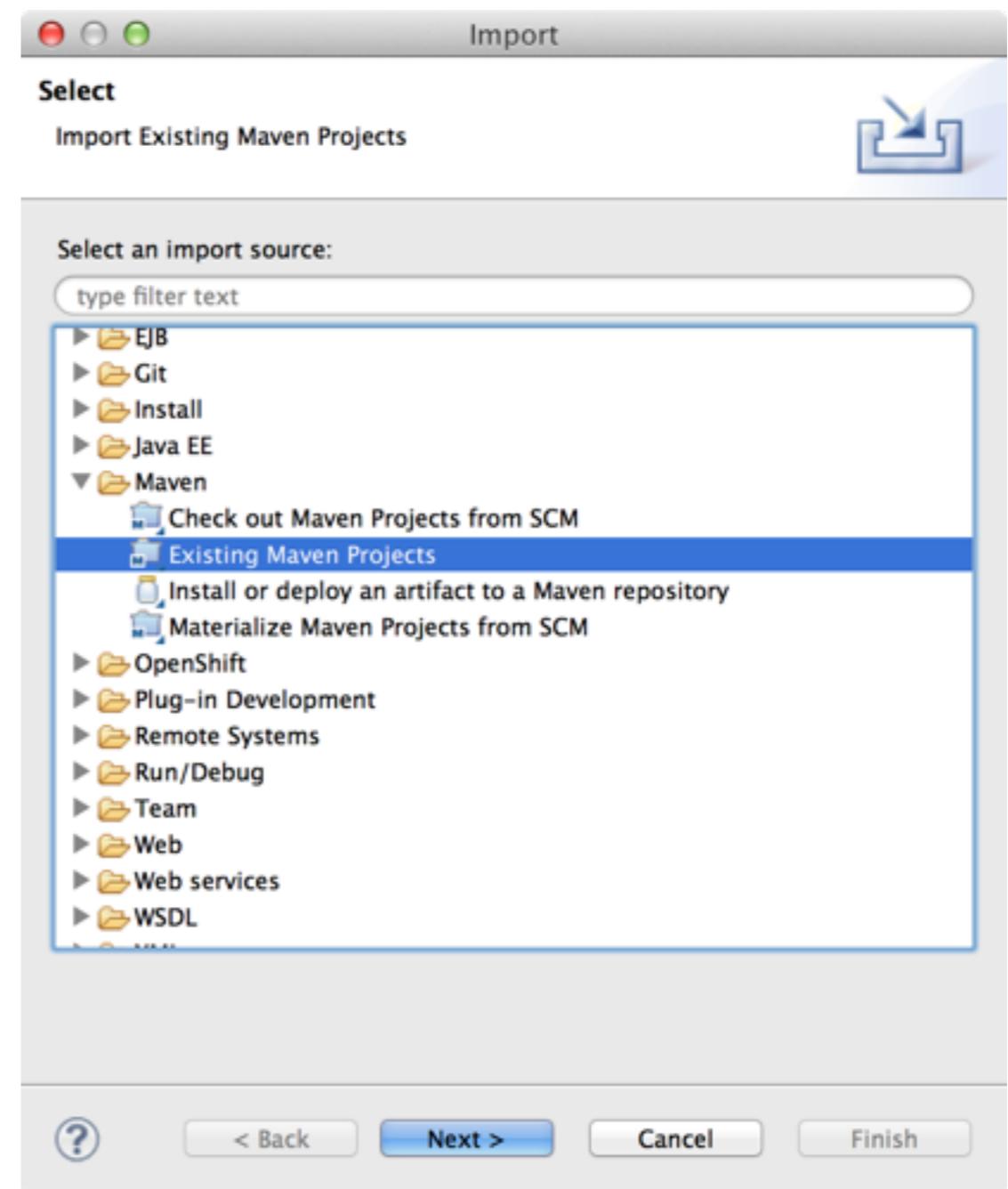
Goals

kwp : need text here

Importing the Workflow

TODO

1. File -> Import ... from the JBDS menu.
2. Select Maven -> Existing Maven Projects
3. Click Next



Importing the Workflow

TODO

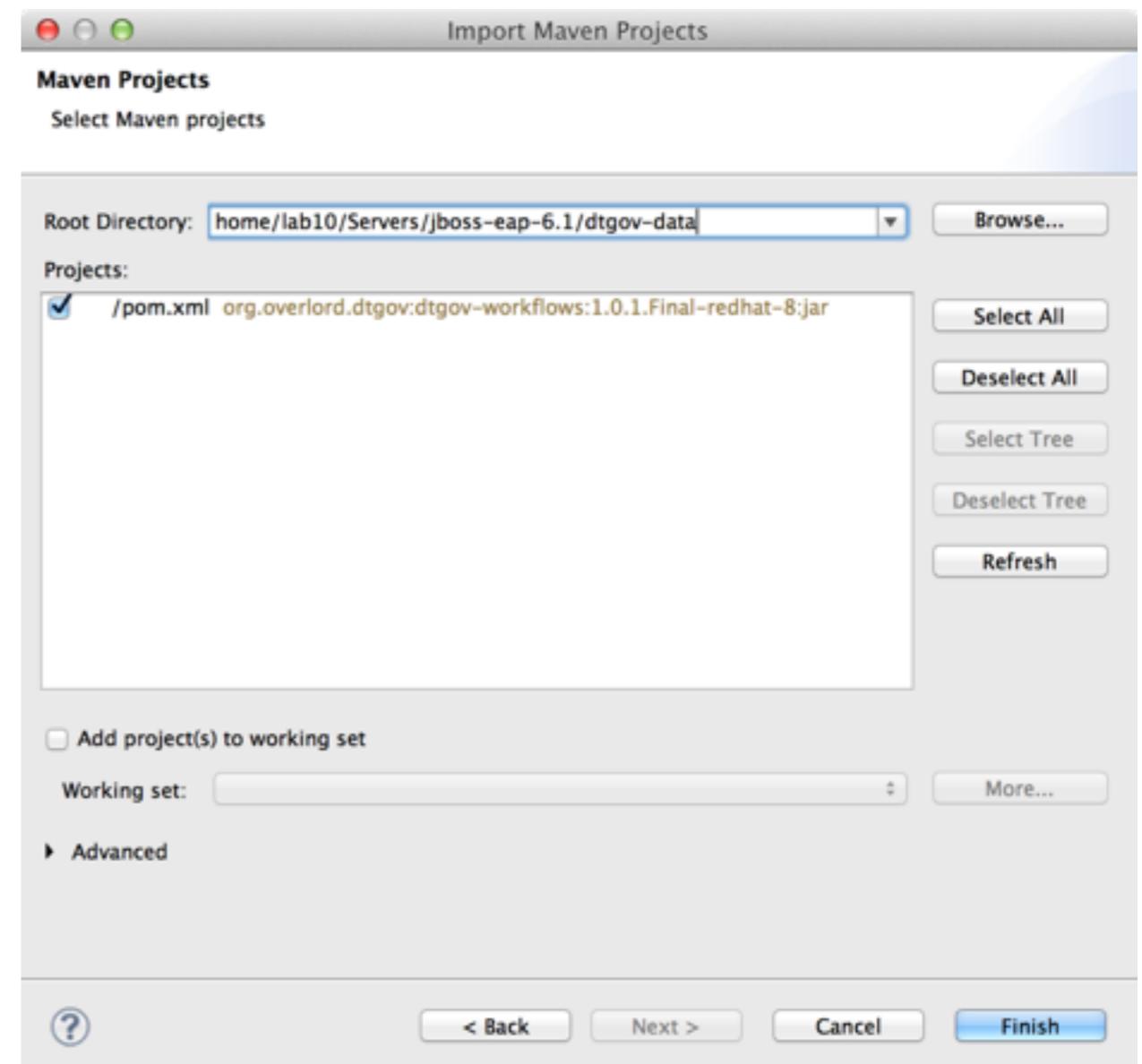
1. Click Browse ... and navigate to the location of lab1. For example:

/home/lab10/Servers/jboss-eap-6.1/dtgov-data

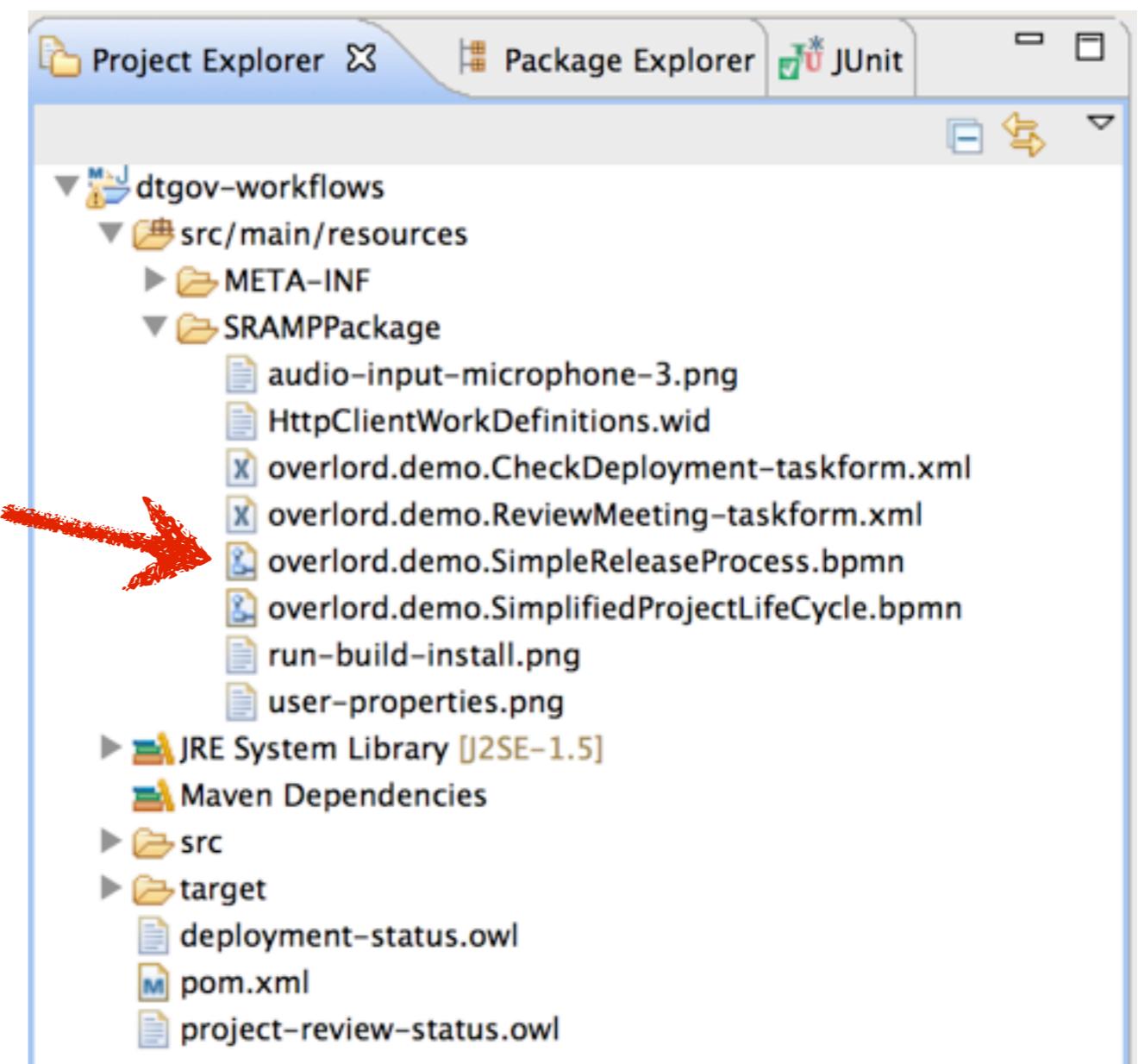
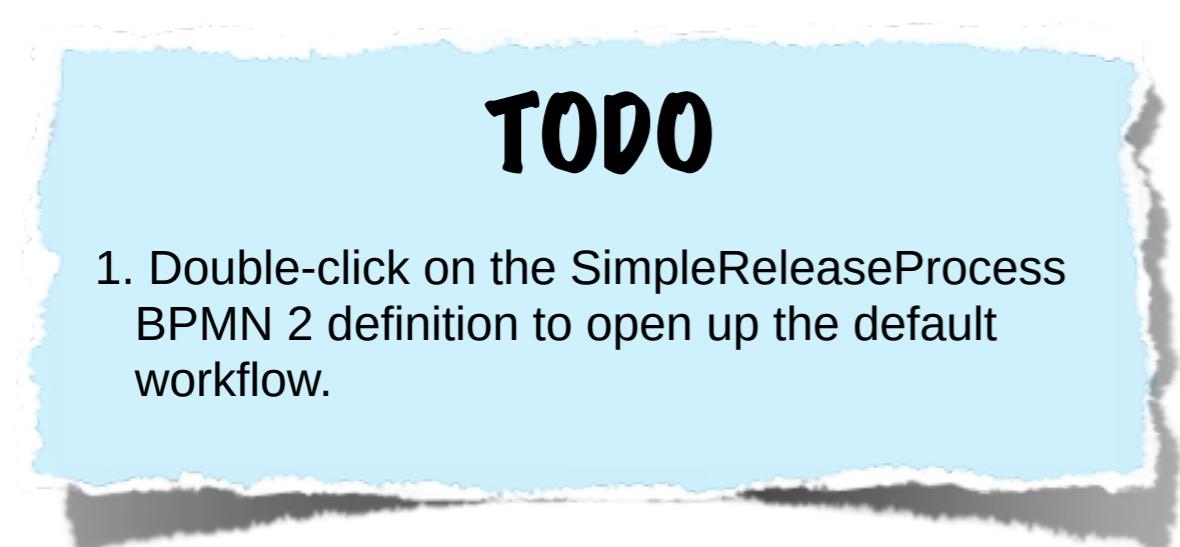
2. Make sure the pom.xml is checked for:

org.overlord.dtgov:dtgov-workflows

3. Click Finish



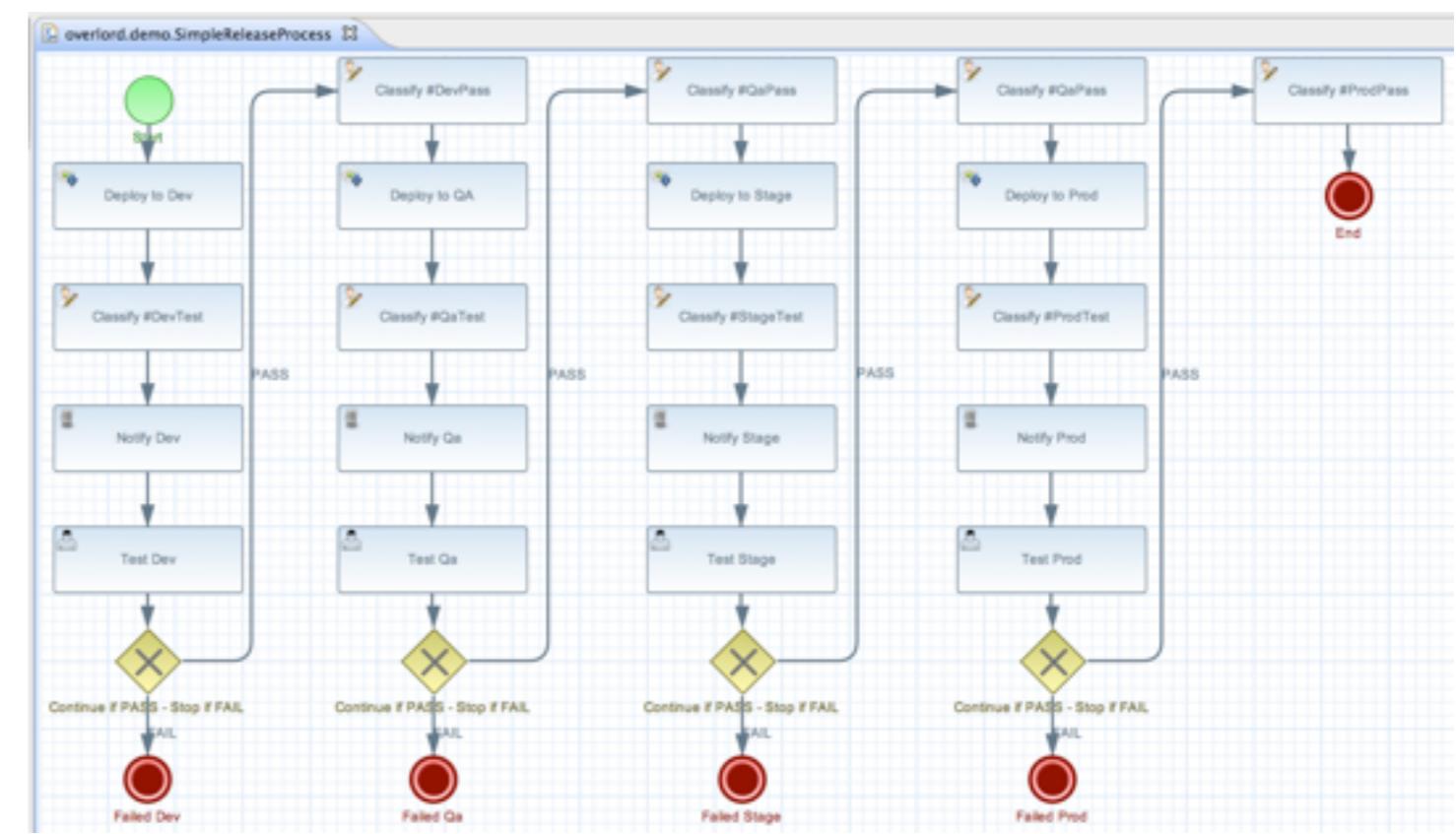
Default Release Workflow



SimpleReleaseProcess

FYI

kwp : need text here



Step 2

Deploy Default Workflow

Goals

kwp : need text here

Configure Maven Deploy

FYI

kwp : need text here

TODO

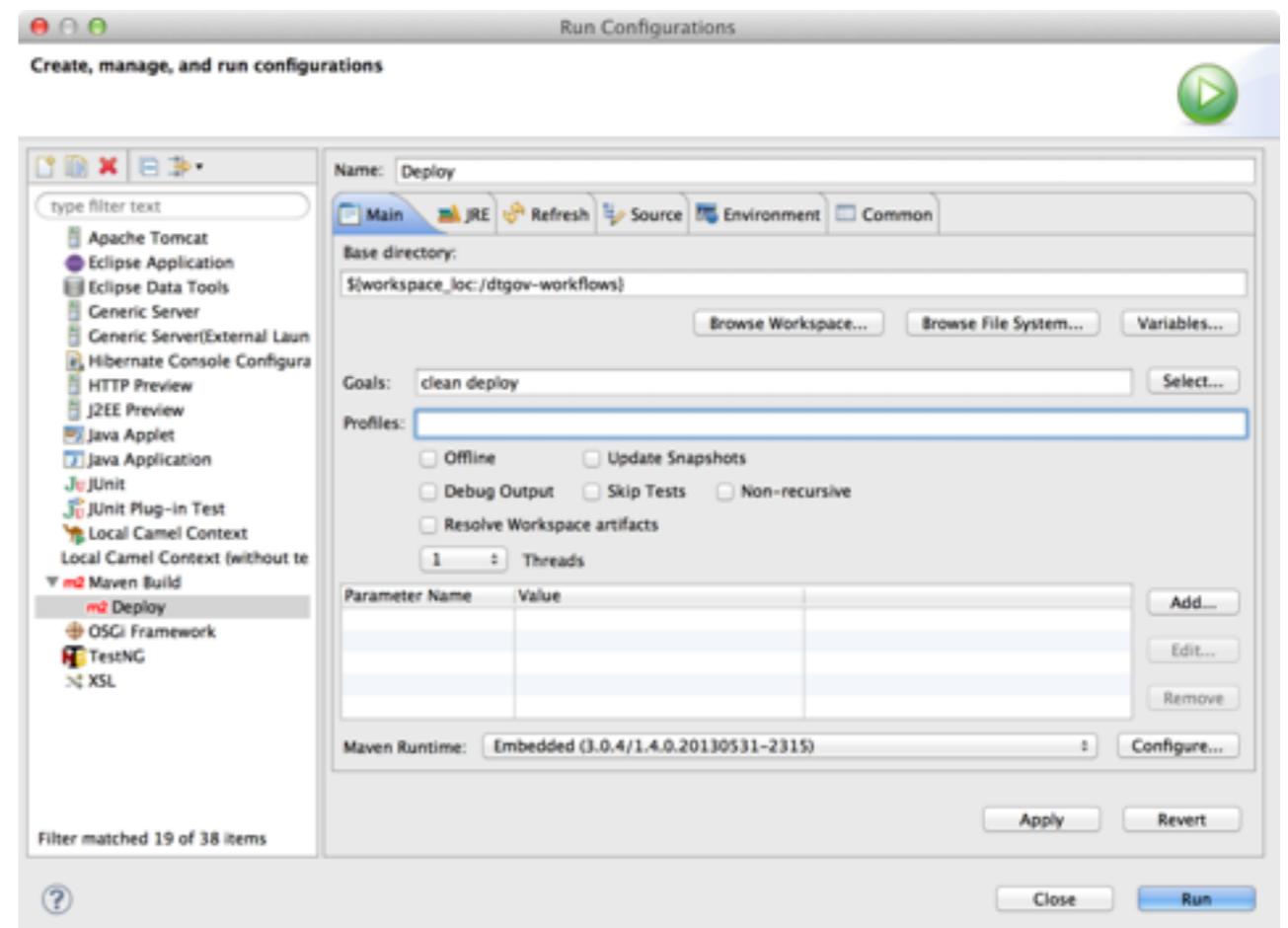
1. Right-click on the dtgov-workflows project in the Project Explorer
2. Select Run As -> Run Configurations
3. Right-click on Maven Build and select New
4. Enter the following values for the build:

Name : Deploy

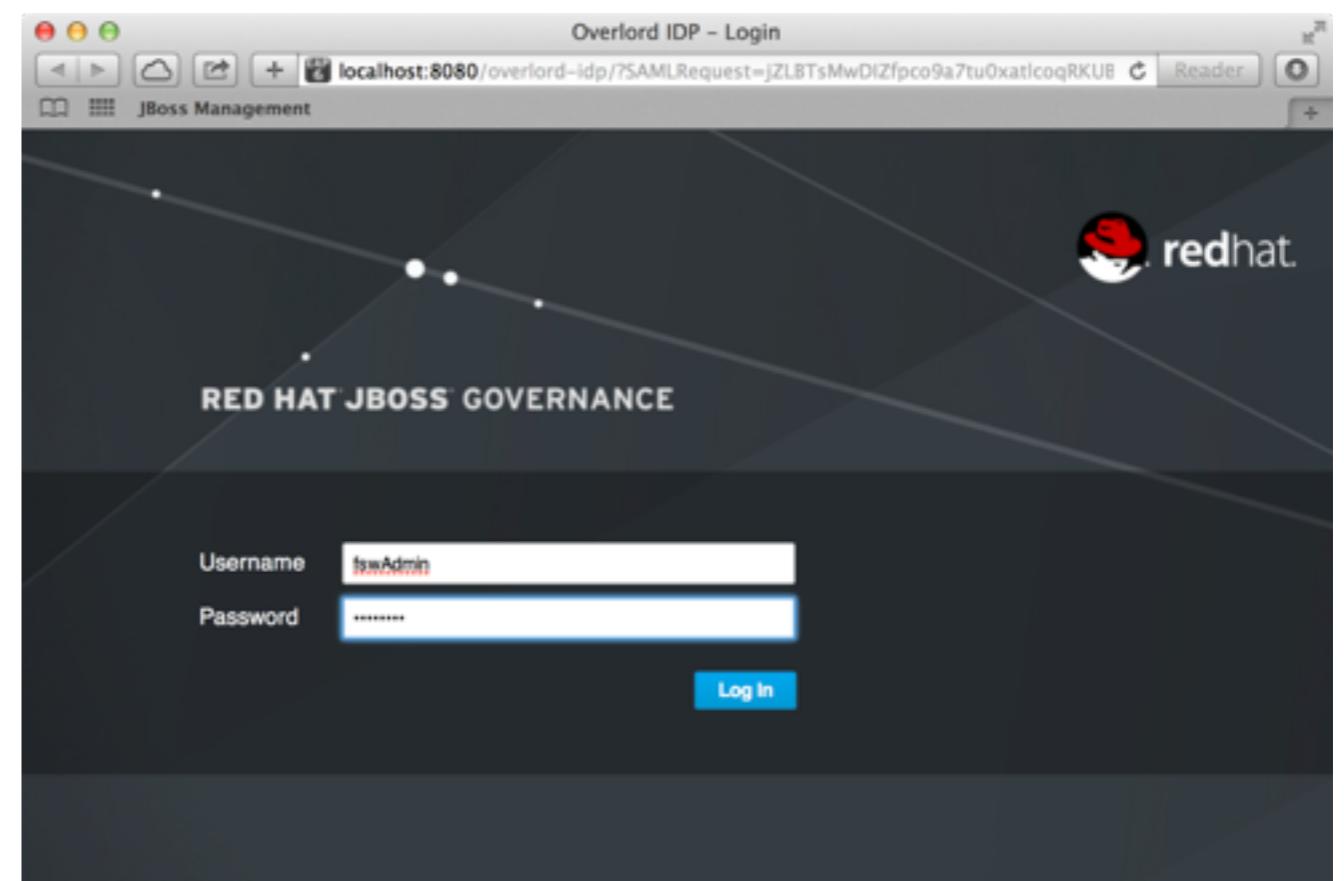
Base directory : \${workspace_loc:/dtgov-workflows}

Goals : clean deploy

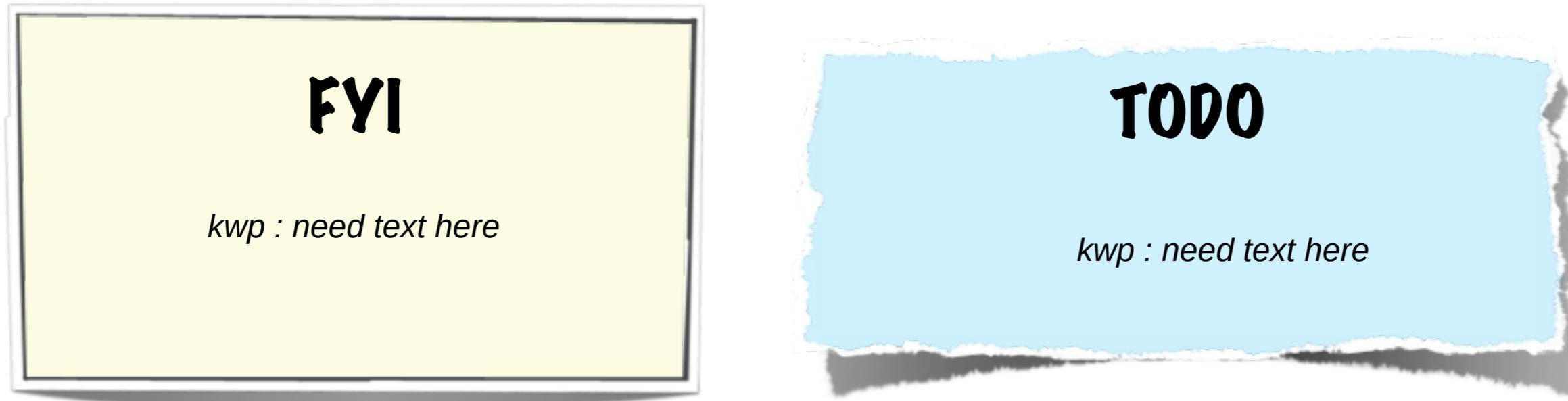
5. Click Run



S-RAMP Console



S-RAMP Console



RED HAT JBOSS GOVERNANCE

Design Time Runtime Governance Repository

S-RAMP Dashboard > Artifacts

Core Properties

Type: Any (e.g. WsdDocument)

Date Created: Any to Any

Date Last Modified: Any to Any

Created By: Any

Last Modified By: Any

Origin: Any Primary

Import Artifacts

Displaying 1-7 of 7

Name	Type	Derived	Last Modified
dtgov-workflows-1.0.1.Final-redhat-8.jar	KieJarArchive		03/27/2014
dtgov-workflows-1.0.1.Final-redhat-8.pom	MavenPom		03/27/2014
kmodule.xml	KieXmlDocument		03/27/2014
overlord.demo.CheckDeployment-taskform.xml	XmIDocument		03/27/2014
overlord.demo.ReviewMeeting-taskform.xml	XmIDocument		03/27/2014
overlord.demo.SimpleReleaseProcess.bpmn	BpmnDocument		03/27/2014
overlord.demo.SimplifiedProjectLifeCycle.bpmn	BpmnDocument		03/27/2014

Step 3

Review DTGov UI

Goals

kwp : need text here

**kwp : need screenshots and text for what to look at for
step 3**

Step 4

View DTGov
Configuration

Goals

kwp : need text here

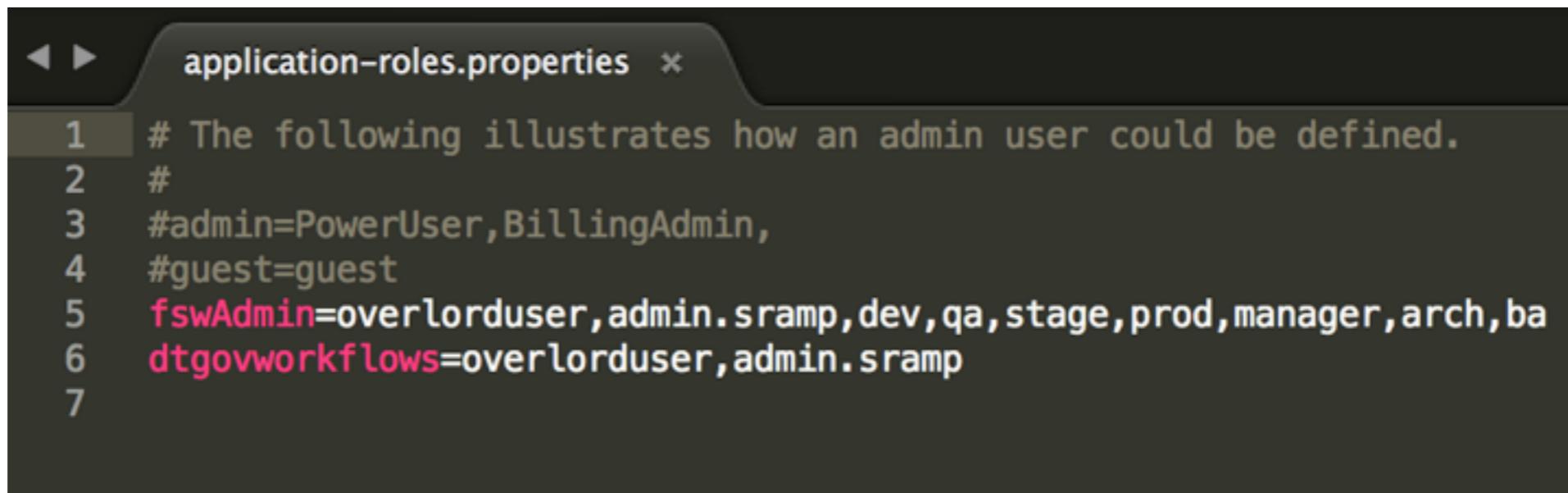
Governance Roles

FYI

Roles file contains the appropriate role for each user that correspond to the groupid in the workflow. Notice the fswAdmin contains the dev,qa,stage,prod roles

TODO

kwp : what is the absolute path to this file and what command/editor will they use to open it?



The screenshot shows a code editor window with the title bar "application-roles.properties". The content of the file is as follows:

```
1 # The following illustrates how an admin user could be defined.  
2 #  
3 #admin=PowerUser,BillingAdmin,  
4 #guest=guest  
5 fswAdmin=overlorduser,admin.sramp,dev,qa,stage,prod,manager,arch,ba  
6 dtgovworkflows=overlorduser,admin.sramp  
7
```

Governance Configuration

FYI

Shows the Governance queries to kick off the workflow. Notice the SimpleReleaseprocess for the SwitchYard Application. Also notice the deployment targets and the location of the deployment. In our case we are deploying to the server on the prod target.

TODO

kwp : what is the absolute path to this file and what command/editor will they use to open it?

```
dtgov.properties x
1 # WARNING this file allows Property Arrays. Property Arrays which are represented
2 # as a multiple occurrence of the same property. Most Property Editors will try
3 # to be 'helpful' and remove any property defined more than once.
4 #
5 #sramp.repo.url=http://localhost:8080/s-ramp-server
6 #governance.url=http://localhost:8080/dtgov
7 #dtgov.ui.url=http://localhost:8080/dtgov-ui
8
9 governance.query.interval=20000
10
11 # Governance queries
12 governance.queries=/s-ramp/ext/SwitchYardApplication|overlord.demo.SimpleReleaseProcess|DeploymentU
13 governance.queries=/s-ramp/ext/JavaArchive|overlord.demo.SimpleReleaseProcess|DeploymentUrl={govern
14 governance.queries=/s-ramp/ext/JavaWebApplication|overlord.demo.SimpleReleaseProcess|DeploymentUrl=
15 governance.queries=/s-ramp/ext/JavaEnterpriseApplication|overlord.demo.SimpleReleaseProcess|Deploym
16 governance.queries=/s-ramp/ext/ArtifactGrouping[xp2:matches(@name\, 'Project.*')]|overlord.demo.Sim
17
18 # Deployment targets
19 governance.targets= dev|http://www.jboss.org/overlord/deployment-status.owl#InDev|copy||/tmp/dev/jb
20 governance.targets= qa|http://www.jboss.org/overlord/deployment-status.owl#InQa|copy||/tmp/qa/jbos
21 governance.targets=stage|http://www.jboss.org/overlord/deployment-status.owl#InStage|copy||/tmp/stag
22 governance.targets= prod|http://www.jboss.org/overlord/deployment-status.owl#InProd|copy||/tmp/prod/
23
24 # Workflow package maven info
25 dtgov.workflows.group=org.overlord.dtgov
26 dtgov.workflows.name=dtgov-workflows
27 dtgov.workflows.package=SRAMPPackage
28 dtgov.workflows.version=1.0.1.Final-redhat-8
29 sramp.repo.user=dtgovworkflows
30 sramp.repo.password=${vault:VAULT::dtgov::dtgov-workflows.password::1}
31 governance.bpm.user=dtgovworkflows
32 governance.bpm.password=${vault:VAULT::dtgov::dtgov-workflows.password::1}
33 governance.user=dtgovworkflows
34 governance.password=${vault:VAULT::dtgov::dtgov-workflows.password::1}
```

Step 5

Distribution Management

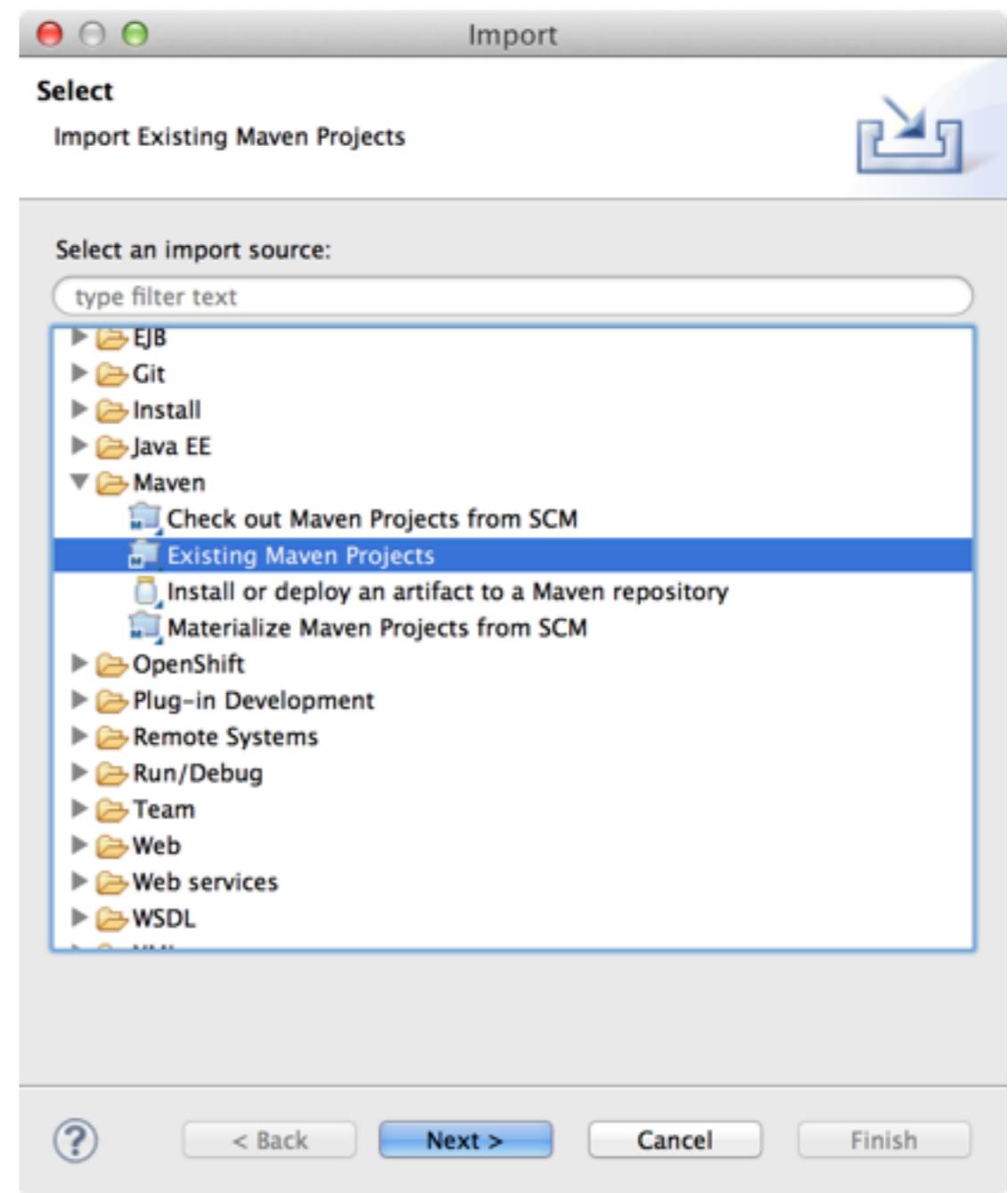
Goals

kwp : need text here

Importing the Application

TODO

1. File -> Import ... from the JBDS menu.
2. Select Maven -> Existing Maven Projects
3. Click Next



Importing the Application

TODO

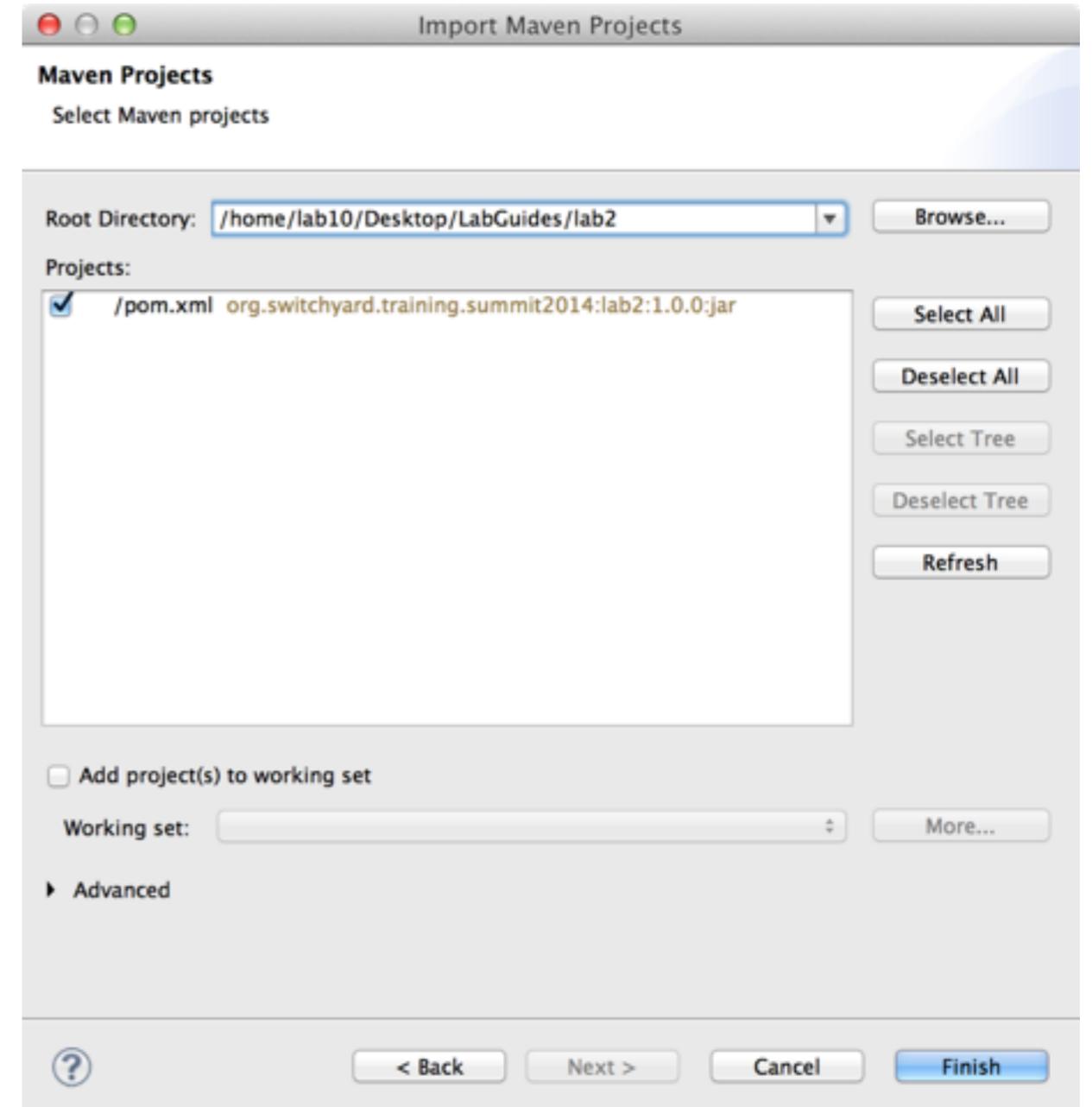
1. Click Browse ... and navigate to the location of lab1. For example:

/home/lab10/Desktop/LabGuides/lab2

2. Make sure the pom.xml is checked for:

org.switchyard.training.summit2014:lab2

3. Click Finish



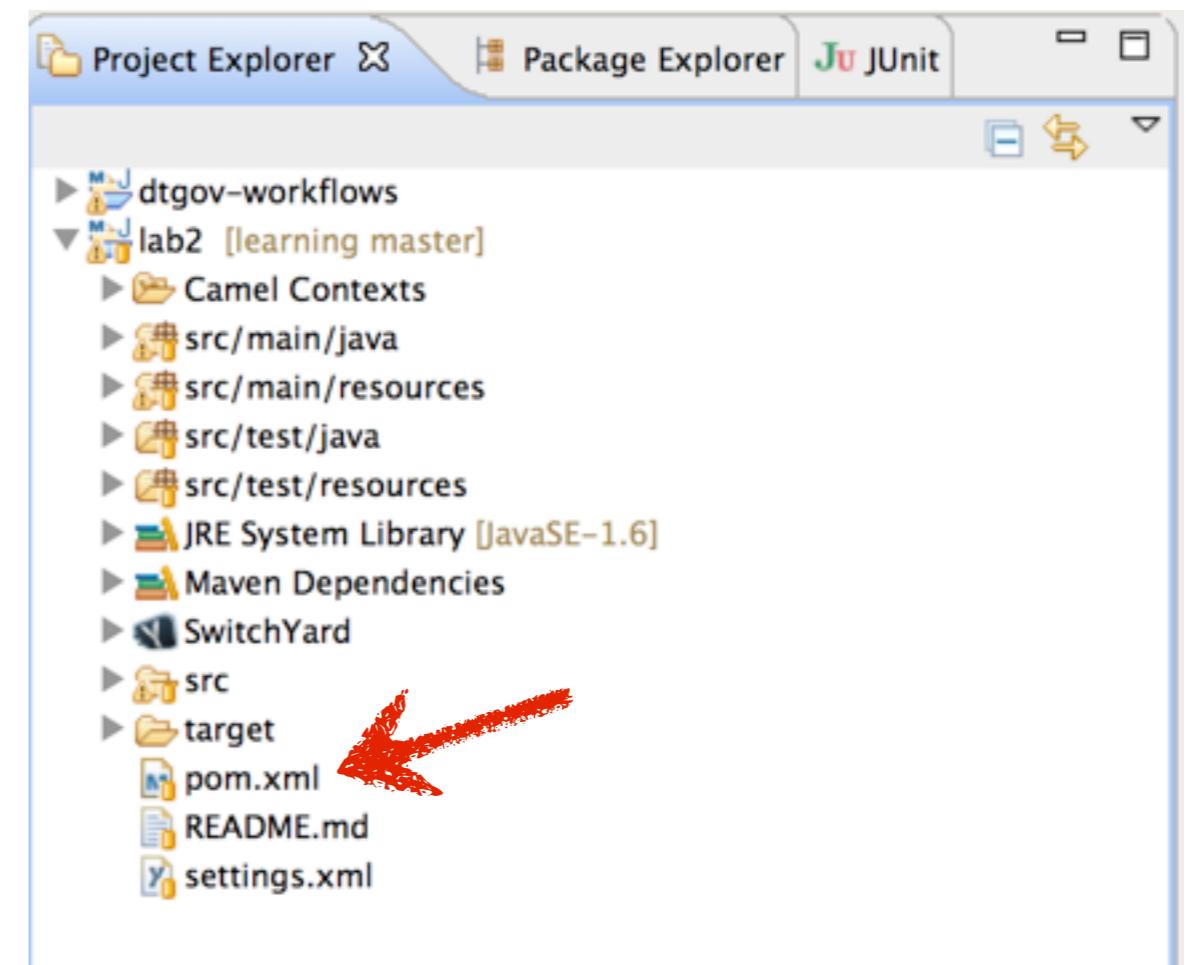
Configuring Distribution Management

FYI

kwp : need text here

TODO

1. Double-click on pom.xml in the Project Explorer to open it in the editor.



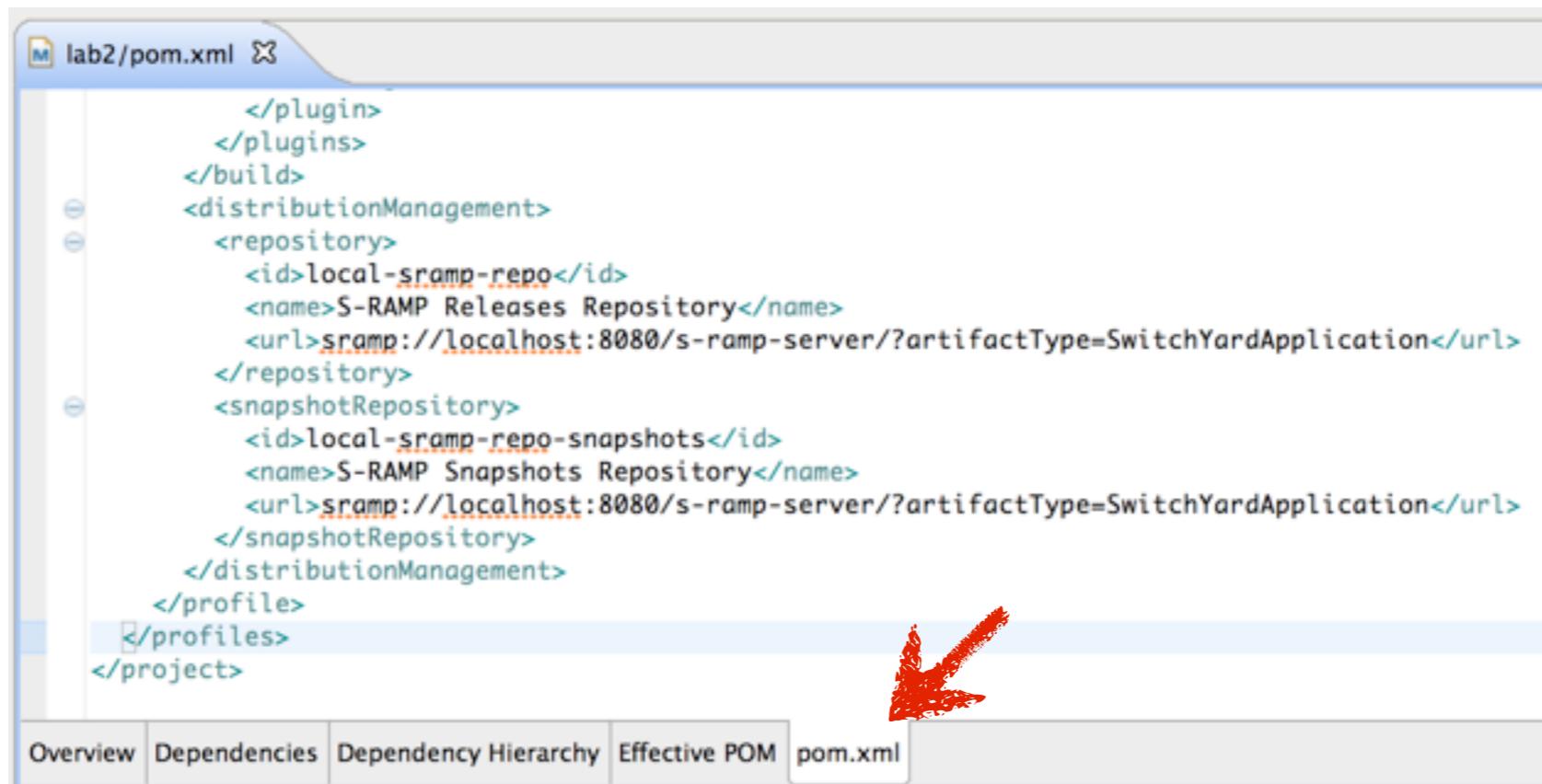
Configuring Distribution Management

TODO

1. Click on the 'pom.xml' tab to see the XML content of the file.

FYI

kwp : need text here



```
</plugin>
</plugins>
</build>
<distributionManagement>
<repository>
<id>local-sramp-repo</id>
<name>S-RAMP Releases Repository</name>
<url>sramp://localhost:8080/s-ramp-server/?artifactType=SwitchYardApplication</url>
</repository>
<snapshotRepository>
<id>local-sramp-repo-snapshots</id>
<name>S-RAMP Snapshots Repository</name>
<url>sramp://localhost:8080/s-ramp-server/?artifactType=SwitchYardApplication</url>
</snapshotRepository>
</distributionManagement>
</profile>
</profiles>
</project>
```

Step 6

Create Production Link

Goals

kwp : need text here

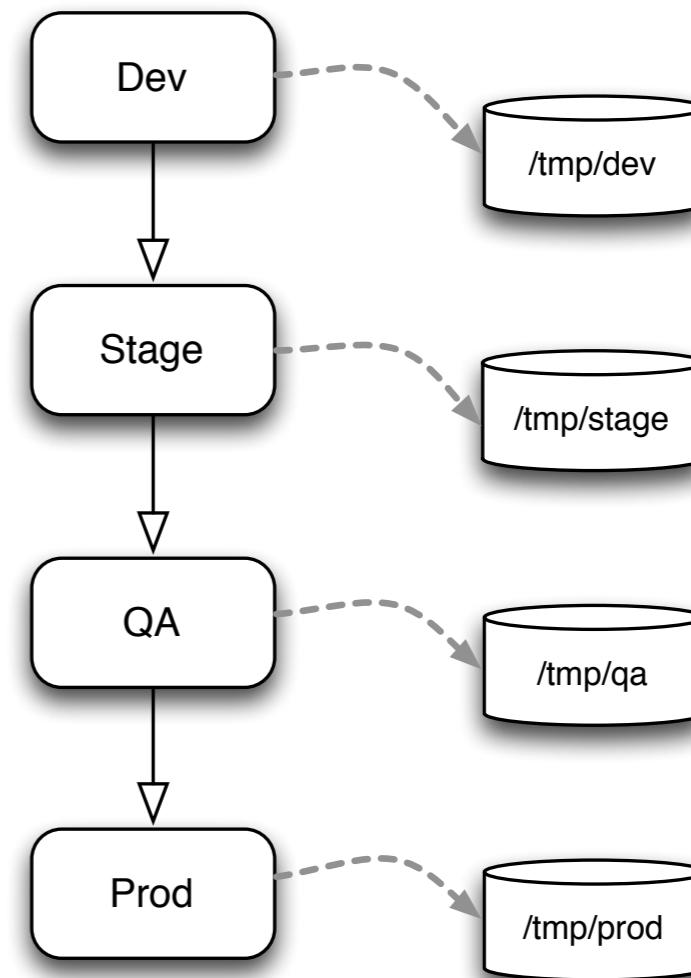
Create Production Link

FYI

kwp : need text here

TODO

1. Open up a terminal session
2. Create a symbolic link for the production directory using the commands below:



```
mkdir -p /tmp/prod/jbossas7/standalone/deployments
```

```
ln -sv /tmp/prod/jbossas7/standalone/deployments /home/lab10/Servers/jboss-eap-6.1/standalone/deployments
```

Step 7

Deploy to S-RAMP

Goals

kwp : need text here

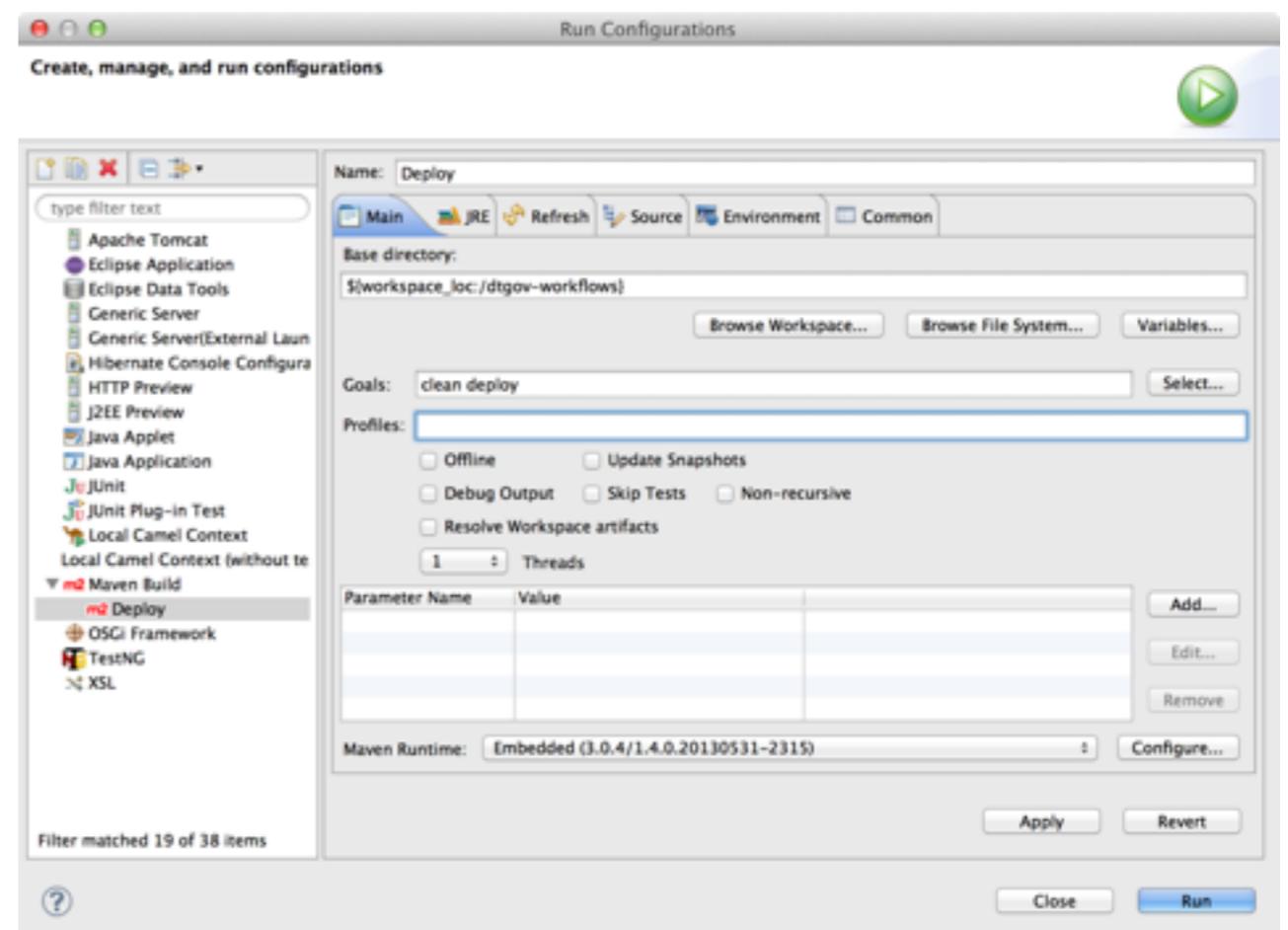
Deploy App to S-RAMP

FYI

kwp : need text here

TODO

1. Right-click on the lab2 project in the Project Explorer
2. Select Run As -> Run Configurations
3. Select Maven Build -> Deploy
4. Click Run



Configuring Distribution Management

TODO

1. Confirm that the deployment was successful in the build output.

```
[INFO] --- maven-jar-plugin:2.3.2:jar (default-jar) @ lab2 ---
[INFO] Building jar: /home/kpeoples/mystuff/Summit2014/lab2/target/lab2-1.0.0.jar
[INFO]
[INFO] --- maven-install-plugin:2.3.1:install (default-install) @ lab2 ---
[INFO] Installing /home/kpeoples/mystuff/Summit2014/lab2/target/lab2-1.0.0.jar to /home/kpeoples/.m2/repository/org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.jar
[INFO] Installing /home/kpeoples/mystuff/Summit2014/lab2/pom.xml to /home/kpeoples/.m2/repository/org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.pom
[INFO]
[INFO] --- maven-deploy-plugin:2.7:deploy (default-deploy) @ lab2 ---
Uploading: sramp://localhost:8080/s-ramp-server/?artifactType=SwitchYardApplication/org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.jar
[INFO] Uploading s-ramp artifact: org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.jar
[INFO] Uploading s-ramp artifact: org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.jar.sha1
[INFO] Storing hash value as s-ramp property: lab2-1.0.0.jar.sha1
[INFO] Uploading s-ramp artifact: org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.jar.md5
[INFO] Storing hash value as s-ramp property: lab2-1.0.0.jar.md5
Uploaded: sramp://localhost:8080/s-ramp-server/?artifactType=SwitchYardApplication/org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.jar (0 B at 0.0 KB/sec)
Uploading: sramp://localhost:8080/s-ramp-server/?artifactType=SwitchYardApplication/org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.pom
[INFO] Uploading s-ramp artifact: org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.pom
[INFO] Uploading s-ramp artifact: org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.pom.sha1
[INFO] Storing hash value as s-ramp property: lab2-1.0.0.pom.sha1
[INFO] Uploading s-ramp artifact: org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.pom.md5
[INFO] Storing hash value as s-ramp property: lab2-1.0.0.pom.md5
Uploaded: sramp://localhost:8080/s-ramp-server/?artifactType=SwitchYardApplication/org/switchyard/training/summit2014/lab2/1.0.0/lab2-1.0.0.pom (0 B at 0.0 KB/sec)
Downloading: sramp://localhost:8080/s-ramp-server/?artifactType=SwitchYardApplication/org/switchyard/training/summit2014/lab2/maven-metadata.xml
Downloaded: sramp://localhost:8080/s-ramp-server/?artifactType=SwitchYardApplication/org/switchyard/training/summit2014/lab2/maven-metadata.xml (344 B at 0.8 KB/sec)
Uploading: sramp://localhost:8080/s-ramp-server/?artifactType=SwitchYardApplication/org/switchyard/training/summit2014/lab2/maven-metadata.xml
[INFO] Uploading s-ramp artifact: org/switchyard/training/summit2014/lab2/maven-metadata.xml
[INFO] Skipping unsupported artifact: org/switchyard/training/summit2014/lab2/maven-metadata.xml
[INFO] Uploading s-ramp artifact: org/switchyard/training/summit2014/lab2/maven-metadata.xml.sha1
[INFO] Skipping unsupported artifact: org/switchyard/training/summit2014/lab2/maven-metadata.xml.sha1
[INFO] Uploading s-ramp artifact: org/switchyard/training/summit2014/lab2/maven-metadata.xml.md5
[INFO] Skipping unsupported artifact: org/switchyard/training/summit2014/lab2/maven-metadata.xml.md5
Uploaded: sramp://localhost:8080/s-ramp-server/?artifactType=SwitchYardApplication/org/switchyard/training/summit2014/lab2/maven-metadata.xml (345 B at 336.9 KB/sec)
[INFO]
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 1:14.093s
[INFO] Finished at: Thu Mar 27 04:00:12 EDT 2014
[INFO] Final Memory: 99M/594M
[INFO] -----
```

Configuring Distribution Management

TODO

1. Confirm in the server console output that the governance workflow has been initiated.

```
04:00:05,197 INFO [org.overlord.sramp.governance.QueryExecutor] (EJB default - 9) Starting workflow overlord.demo.SimpleReleaseProcess for artifact 6e2b6d16-fb76-46ab-aa03-d442bc940f77
04:00:05,276 INFO [org.overlord.dtgov.jbpmp.util.HttpClientWorkItemHandler] (EJB default - 9) Calling POST To: http://localhost:8080/dtgov/rest/deploy/dev/6e2b6d16-fb76-46ab-aa03-d442bc940f77
04:00:05,416 INFO [org.overlord.sramp.governance.services.DeploymentResource] (http-localhost.localdomain/127.0.0.1:8080-28) Creating deploy directory /tmp/dev/jbossas7/standalone/deployments
04:00:06,068 INFO [org.overlord.dtgov.jbpmp.util.HttpClientWorkItemHandler] (EJB default - 9) reply={status=success, target=COPY:/tmp/dev/jbossas7/standalone/deployments/lab2-1.0.0.jar}
04:00:06,985 INFO [org.overlord.dtgov.jbpmp.util.HttpClientWorkItemHandler] (EJB default - 9) Calling PUT To: http://localhost:8080/dtgov/rest/update/classification/http%3A%2F%2Fwww.jboss.org%2Foverlord%2Fdeployment-status.owl%23DevTest/
6e2b6d16-fb76-46ab-aa03-d442bc940f77
04:00:07,972 INFO [org.overlord.dtgov.jbpmp.util.HttpClientWorkItemHandler] (EJB default - 9) reply={artifactName=lab2-1.0.0.jar, artifactCreatedBy=fswAdmin, status=success}
04:00:07,981 INFO [org.overlord.dtgov.jbpmp.util.HttpClientWorkItemHandler] (EJB default - 9) Calling POST To: http://localhost:8080/dtgov/rest/notify/email/dev/deployed/dev/6e2b6d16-fb76-46ab-aa03-d442bc940f77
04:00:08,760 INFO [org.overlord.dtgov.jbpmp.util.HttpClientWorkItemHandler] (EJB default - 9) reply={status=success}
04:00:08,873 INFO [org.overlord.dtgov.jbpmp.ejb.ProcessBean$Proxy$_$$_WeldSubclass] (EJB default - 9) Process started ... : processInstanceId = 1
```

Step 8

Execute Release Workflow

Goals

kwp : need text here

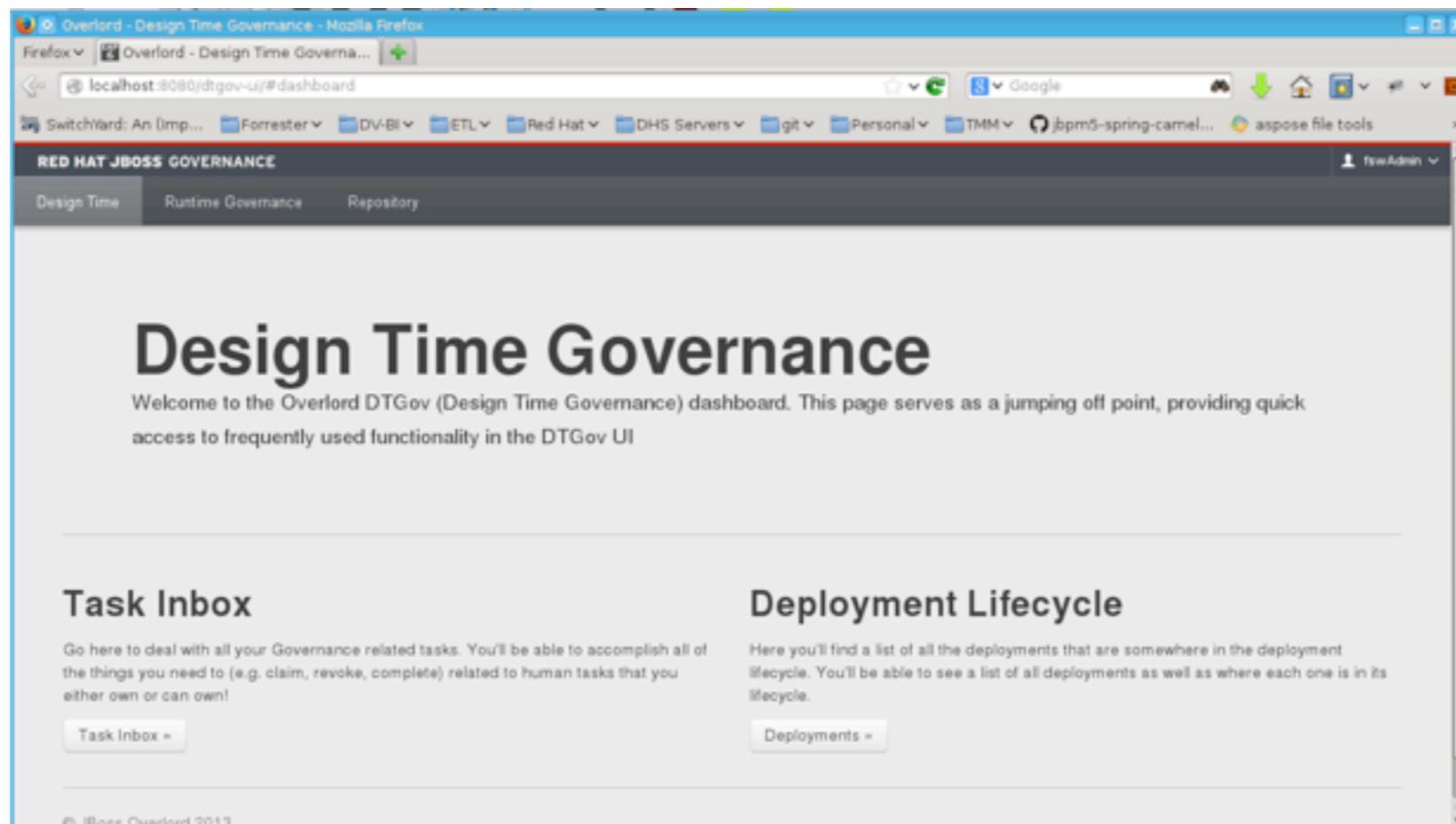
DTGov UI

FYI

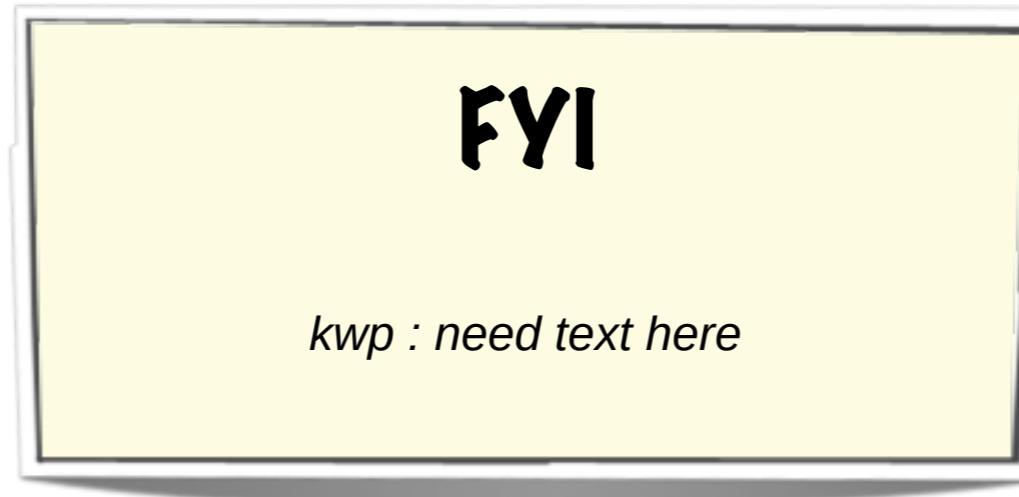
kwp : need text here

TODO

1. Open your Browser and go to
<http://localhost:8080/dtgov-ui>
2. View the lab2 deployment by clicking on the Deployments button.



Deployments



A screenshot of a web browser window titled "Overlord - Design Time Governance - Mozilla Firefox". The address bar shows "localhost:8080/dtgov-u/#deployments". The page header includes "RED HAT JBOSS GOVERNANCE" and navigation tabs for "Design Time", "Runtime Governance", and "Repository". The main content area is titled "DTGov Dashboard - Deployments". It features a "Deployment Filters" sidebar with dropdowns for "Type" (set to "Any"), "Environment" (set to "Any"), and "Date Initiated" (both fields are "Any"). A search bar says "Search by name...". A "Add Deployment" button is visible. A table displays one deployment entry:

Deployment	Type	Initiated On
lab2-1.0.0.jar	SwitchYardApplication	03/27/2014

At the bottom left, a copyright notice reads "© JBoss Overlord 2013".

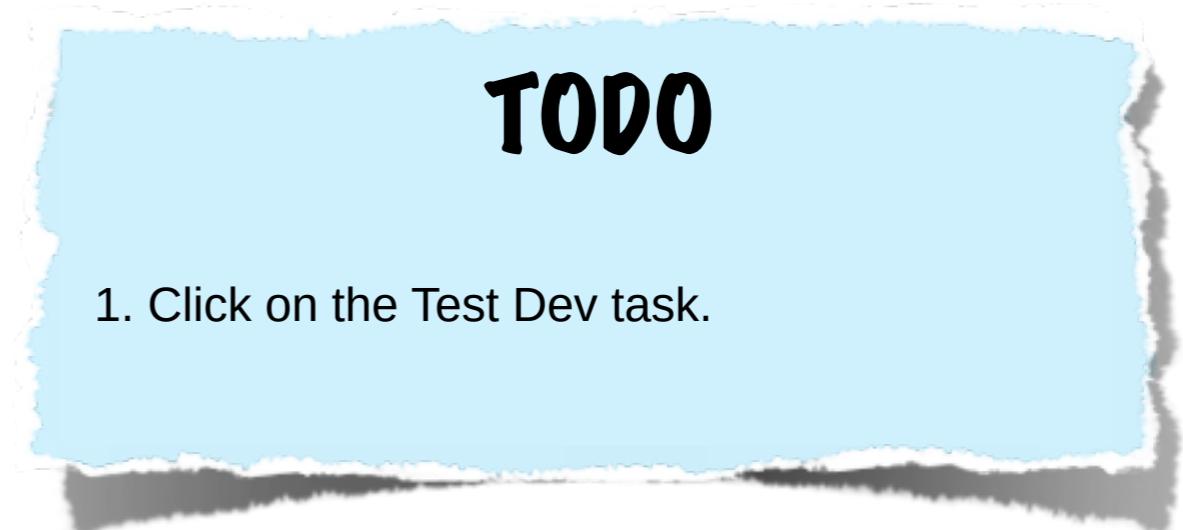
DTGov UI

TODO

1. Return to the Design Time dashboard
2. Click on the Task Inbox Button

The screenshot shows a Firefox browser window with the title "Overlord - Design Time Governance - Mozilla Firefox". The address bar displays "localhost:8080/dtgov-ui/#dashboard". The page content is titled "Design Time Governance" and includes a welcome message: "Welcome to the Overlord DTGov (Design Time Governance) dashboard. This page serves as a jumping off point, providing quick access to frequently used functionality in the DTGov UI". Below this, there are two main sections: "Task Inbox" and "Deployment Lifecycle". The "Task Inbox" section has a button labeled "Task Inbox =". The "Deployment Lifecycle" section has a button labeled "Deployments =". The browser's toolbar at the top includes various icons for file operations, search, and navigation.

Tasks



The screenshot shows a Mozilla Firefox browser window displaying the Red Hat JBoss Governance Task Inbox. The URL in the address bar is `localhost:8080/dtgov-u/#taskinbox`. The page title is "Overlord - Design Time Governance - Mozilla Firefox". The interface includes a header with "RED HAT JBOSS GOVERNANCE" and tabs for "Design Time", "Runtime Governance", and "Repository". The main content area is titled "DTGov Dashboard - Task Inbox" and features a "Task Filters" sidebar on the left. The filters include "Owner" (radio buttons for "Any", "My Tasks", "Active Tasks", and "Group Tasks", with "Any" selected), "Priority" (dropdown menu showing "Any"), "Date Due" (two dropdown menus for "From" and "To" dates, both set to "Any"), and a "Clear All Filters" button. To the right of the filters is a table titled "Displaying 1-1 of 1" showing one task:

Name	Priority	Owner	Status	Due On
Test Dev	3		Ready	

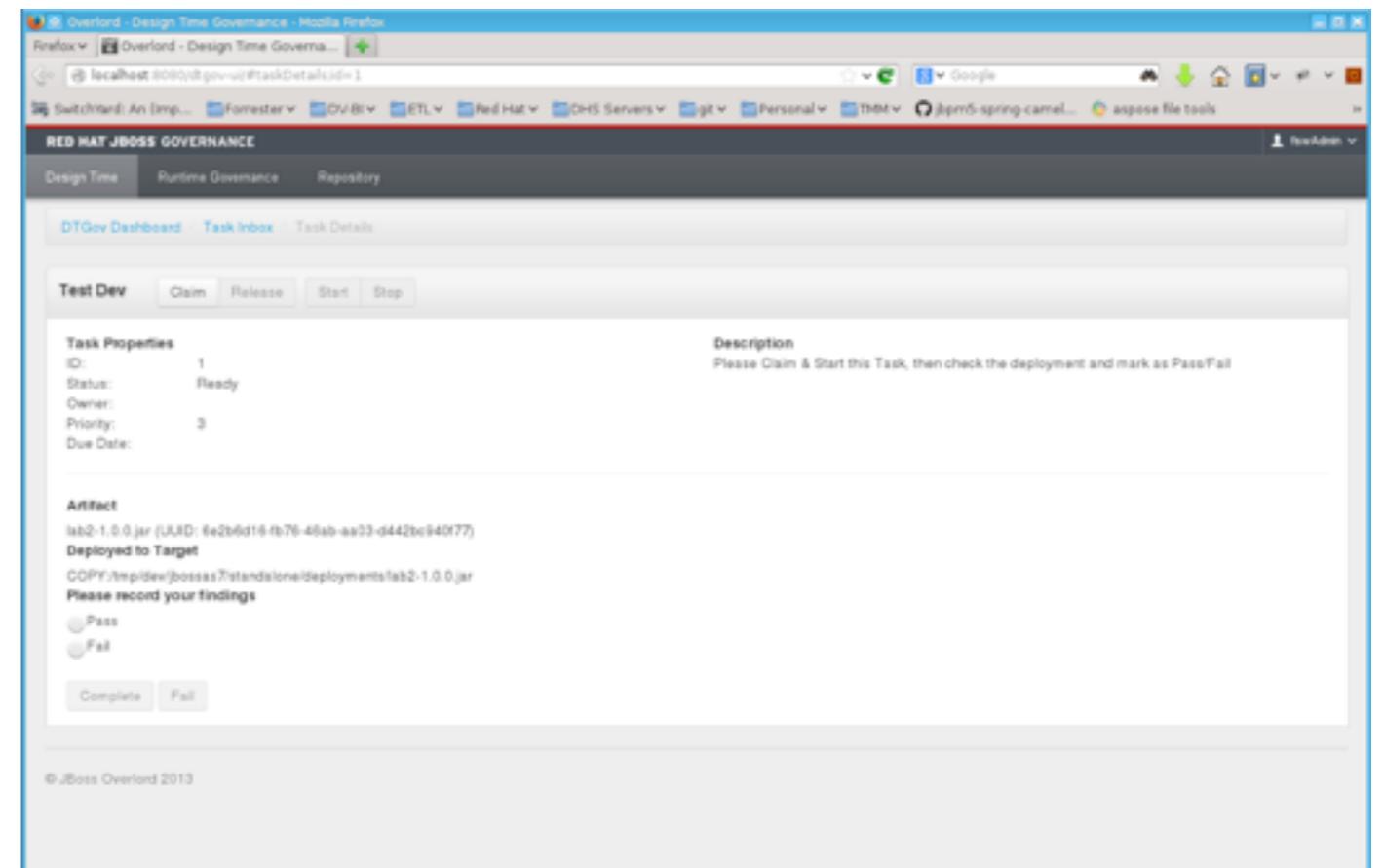
At the bottom of the page, there is a copyright notice: "© JBoss Overlord 2013".

Claiming a Task



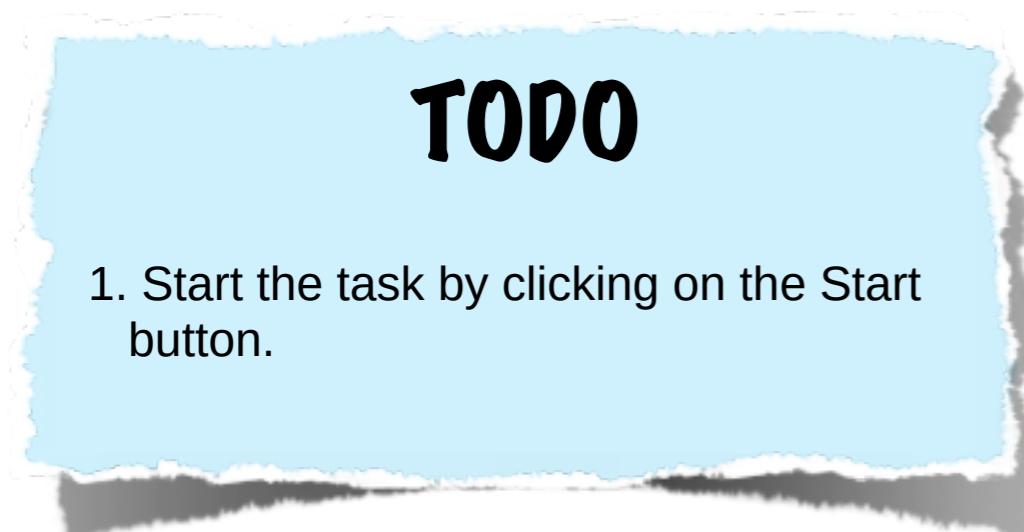
TODO

1. Claim the task by clicking on the Claim button.



Screenshot of the Overlord - Design Time Governance interface showing a task details page. The page title is "Task Details" under "Task Inbox". It shows a task with ID 1, status Ready, owner, priority 3, and due date. The artifact is listed as lab2-1.0.0.jar (UUID: 6e2b6d16-fb76-45ab-aa33-d442bc940f77) deployed to target COPY:/tmp/driver/jbossas7/standalone/deployments/lab2-1.0.0.jar. There are "Pass" and "Fail" radio buttons for recording findings, and "Complete" and "Fail" buttons at the bottom. The description says: "Please Claim & Start this Task, then check the deployment and mark as Pass/Fail".

Starting a Task

A screenshot of a web browser window titled 'Overlord - Design Time Governance - Mozilla Firefox'. The URL is 'localhost:8080/itgov-us/TaskDetails.jsp?1'. The page is part of the 'RED HAT JBOSS GOVERNANCE' system. It shows a task titled 'Test Dev' in the 'Task Details' section. The task properties are listed as follows:

ID:	1
Status:	InProgress
Owner:	freeAdmin
Priority:	3
Due Date:	

The 'Description' field contains the instruction: 'Please Claim & Start this Task, then check the deployment and mark as Pass/Fail'. Below this, there is an 'Artifact' section showing 'lab2-1.0.0.jar (UUID: 6e2b6d16-fb70-46ab-aa03-d442bc940f77)' and 'Deployed to Target' with the path 'COPY:/tmp/dev/jbossas7/standalone/deployments/lab2-1.0.0.jar'. A note says 'Please record your findings' with 'Pass' and 'Fail' radio buttons. At the bottom, there are 'Complete' and 'Fail' buttons. A footer copyright notice reads '© JBoss Overlord 2013'. In the bottom right corner, a message box says 'Task Started' and 'You have successfully started task 'Test Dev''. The browser's address bar shows various bookmarks like 'switchYard', 'Forrester', 'DVA-BI', etc.

Completing a Task

A screenshot of a web browser window showing the 'Task Details' page of the Red Hat JBoss Governance interface. The URL in the address bar is 'localhost:8080/dgov-us/#taskDetails?id=1'. The page title is 'Overlord - Design Time Governance - Mozilla Firefox'. The main content area shows a task for 'Test Dev' with the following details:

Task Properties:

- ID: 1
- Status: InProgress
- Owner: freAdmin
- Priority: 3
- Due Date: (not specified)

Description: Please Claim & Start this Task, then check the deployment and mark as Pass/Fail.

Artifact: lab2-1.0.0.jar (UUID: 6e2b6d18-fb78-4f6ab-aa03-d442bc940f77)
Deployed to Target: COPY /tmp/dev/jbossas7/standalone/deployments/lab2-1.0.0.jar
Please record your findings:

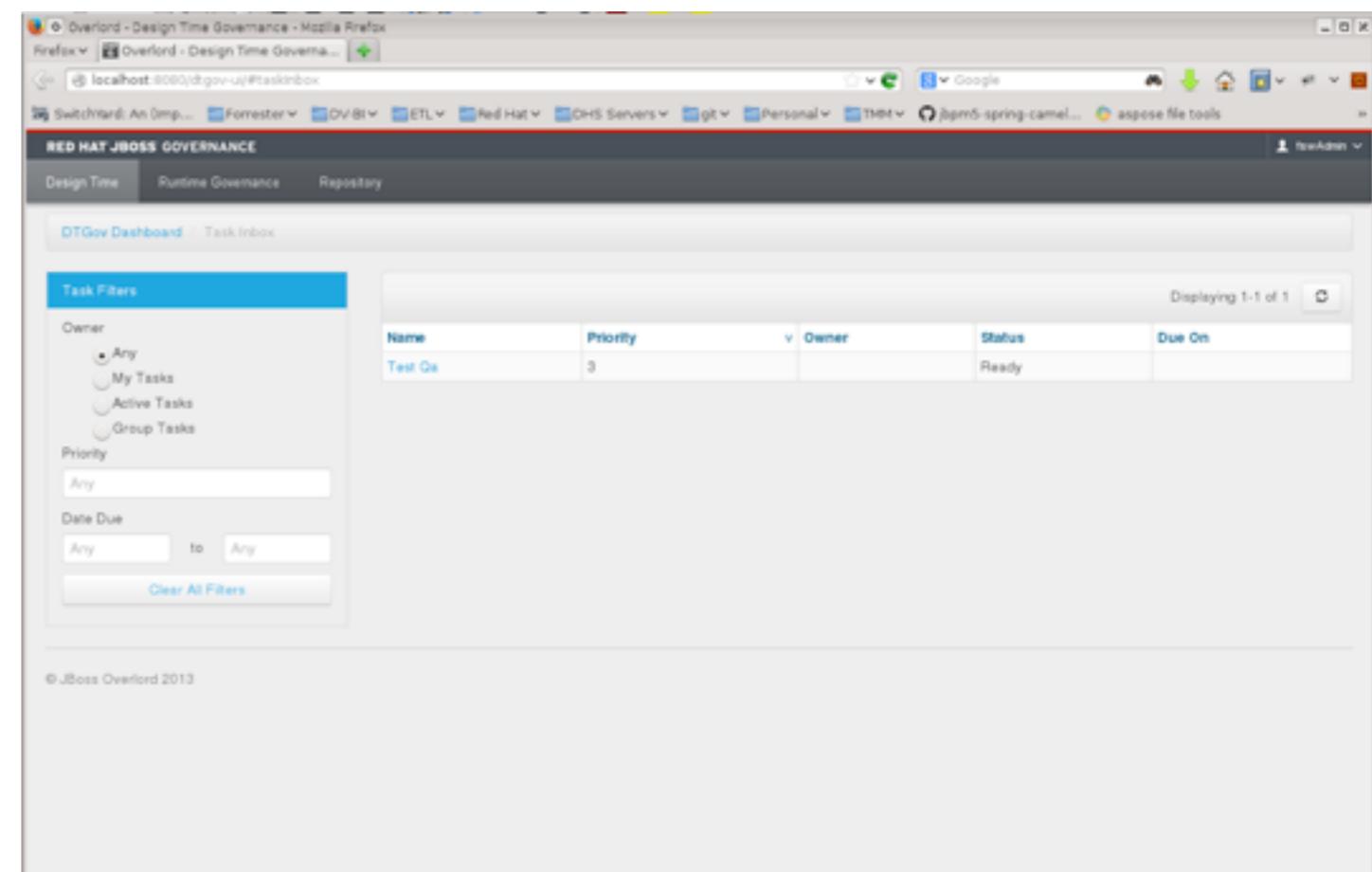
Pass
 Fail

Buttons: Complete, Fail

© JBoss Overlord 2013

A progress bar at the bottom right indicates 'Completing Task' with the message 'Completing task 'Test Dev'', please wait..'

Complete QA Workflow

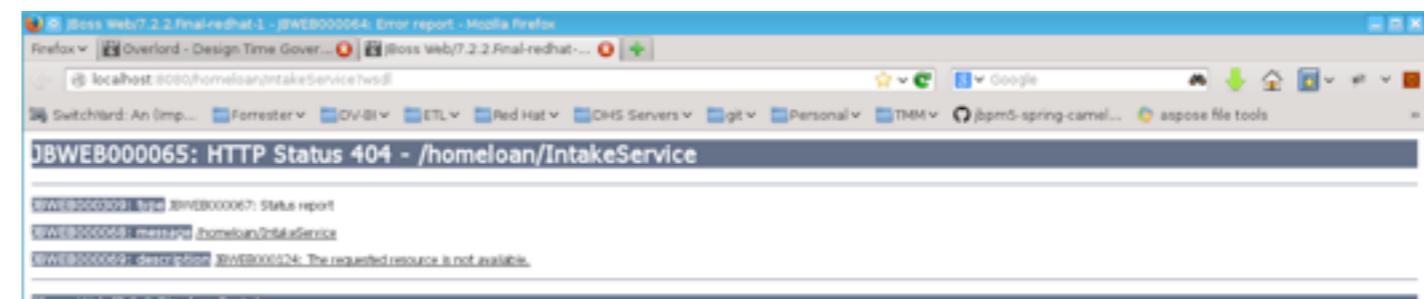
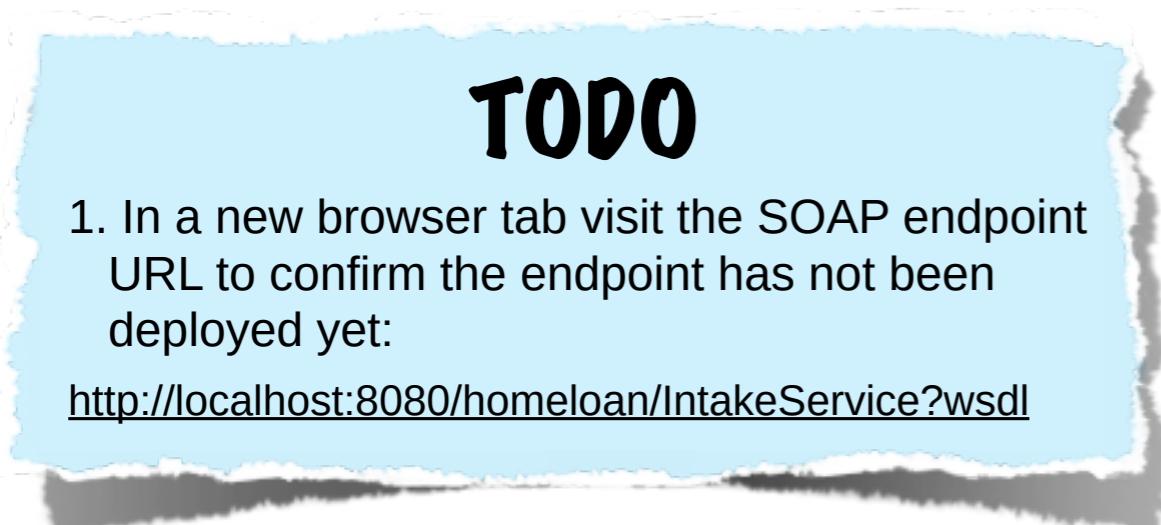
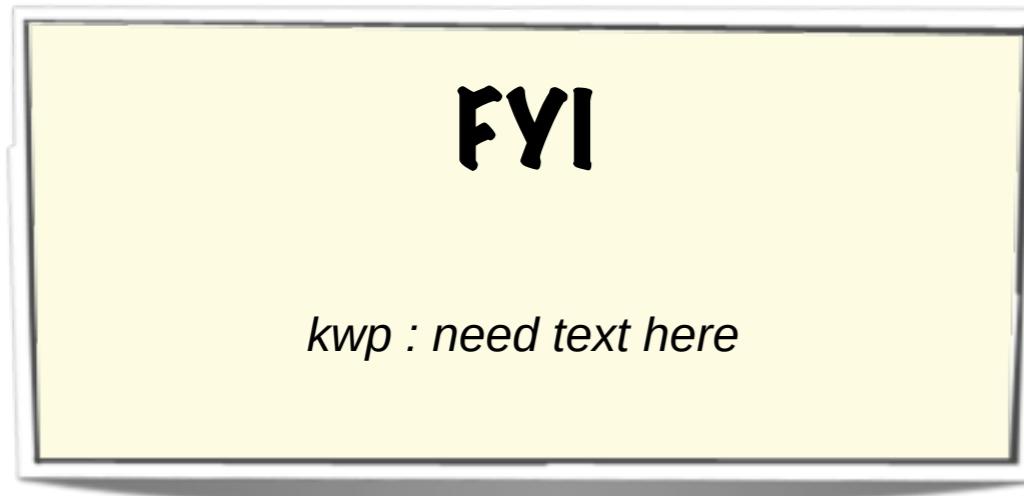


Screenshot of the Red Hat JBoss Governance Task Inbox interface. The interface shows a table of tasks with one item listed:

Name	Priority	Owner	Status	Due On
Test QA	3		Ready	

The sidebar on the left contains "Task Filters" with options for Owner (Any, My Tasks, Active Tasks, Group Tasks), Priority (Any), and Date Due (Any to Any). A "Clear All Filters" button is also present.

Complete QA Workflow



Complete Stage Workflow

FYI

kwp : need text here

[Need Pic]

TODO

1. Return to the Task Inbox.
2. Repeat the steps you followed for QA

Complete Stage Workflow

FYI

kwp : need text here

TODO

1. Check the console log to verify the application was deployed.

```
2010-01-25 08:16 INFO [org.everlord.dgov.jbpm.util.HttpClientWorkItemHandler] [Http-localhost.localdomain/127.0.0.1:8080-400] Calling PUT To: http://localhost:8080/dgov/rest/update/classification/http://www.jboss.org/2overLord2DeployStatus.mvN2QDqfveeu/9e260021-1876-464b-aad3-d442bc940f77
2010-01-25 08:17 INFO [org.everlord.dgov.jbpm.util.HttpClientWorkItemHandler] [Http-localhost.localdomain/127.0.0.1:8080-400] reply[artifactName=lab2-1.0.0.jar, artifactCreatedBy=fwAdmin, status=success]
2010-01-25 08:24 INFO [org.everlord.dgov.jbpm.util.HttpClientWorkItemHandler] [Http-localhost.localdomain/127.0.0.1:8080-400] Calling POST To: https://localhost:8080/dgov/rest/deploy/prod/6e2bd16-1876-464b-aad3-d442bc940f77
2010-01-25 08:14 INFO [org.everlord.dgov.jbpm.util.HttpClientWorkItemHandler] [Http-localhost.localdomain/127.0.0.1:8080-400] reply[status=success, targetCDP=http://tmp/prod/jbossas/standalone/deployments/lab2-1.0.0.jar]
2010-01-25 08:19 INFO [org.everlord.dgov.jbpm.util.HttpClientWorkItemHandler] [Http-localhost.localdomain/127.0.0.1:8080-400] Calling PUT To: http://localhost:8080/dgov/rest/update/classification/http://www.jboss.org/2overLord2DeployStatus.mvN2QDqfveeu/9e260016-1876-464b-aad3-d442bc940f77
2010-01-24 22:27 INFO [org.everlord.dgov.jbpm.util.HttpClientWorkItemHandler] [Http-localhost.localdomain/127.0.0.1:8080-400] reply[artifactName=lab2-1.0.0.jar, artifactCreatedBy=fwAdmin, status=success]
2010-01-24 23:00 INFO [org.everlord.dgov.jbpm.util.HttpClientWorkItemHandler] [Http-localhost.localdomain/127.0.0.1:8080-400] Calling POST To: https://localhost:8080/dgov/rest/notify/email/prod/deployed/prod/6e2bd16-1876-464b-aad3-d442bc940f77
2010-01-24 08:09 INFO [org.jboss.as.server.deployment] (MSC service thread 1-2) 284802980: starting deployment of "lab2-1.0.0.jar" (runtime-name: "lab2-1.0.0.jar")
2010-01-24 08:09 INFO [org.everlord.dgov.jbpm.util.HttpClientWorkItemHandler] [Http-localhost.localdomain/127.0.0.1:8080-400] reply[status=success]
2010-01-24 08:07 INFO [org.jboss.weld.deployer] (MSC service thread 1-4) 2848030002: Processing weld deployment lab2-1.0.0.jar
2010-01-24 08:01 INFO [org.jboss.weld.deployer] (MSC service thread 1-8) 2848030005: Starting Services for CDI deployment: lab2-1.0.0.jar
2010-01-24 08:02 INFO [org.jboss.weld.deployer] (MSC service thread 1-8) 2848030005: Deploying BeanContainer application: lab2-1.0.0.jar
2010-01-24 08:09 INFO [org.jboss.weld.deployer] (MSC service thread 1-8) 2848030008: Starting weld service for deployment lab2-1.0.0.jar
2010-01-24 08:04 INFO [org.jboss.weld.deployer] (MSC service thread 1-2) Starting BeanContainer service
2010-01-24 08:06 INFO [org.apache.camel.management.ManagementStrategyFactory] (MSC service thread 1-2) JMX enabled.
2010-01-24 08:09 INFO [org.switchyard.common.camel.SwitchyardCamelContext] (MSC service thread 1-2) Apache Camel 1.3.1-pd-redhat-1 (CamelContext: camel-4) is starting
2010-01-24 08:03 INFO [org.apache.camel.impl.converter.DefaultTypeConverter] (MSC service thread 1-2) loaded 180 type converters
2010-01-24 08:13 INFO [org.apache.camel.management.CamelManagementStrategy] (MSC service thread 1-2) StatisticsLevel at All so enabling load performance statistics
2010-01-24 08:17 INFO [org.switchyard.common.camel.SwitchyardCamelContext] (MSC service thread 1-2) Total 0 routes, of which 0 is started.
2010-01-24 08:17 INFO [org.switchyard.common.camel.SwitchyardCamelContext] (MSC service thread 1-2) Apache Camel 1.3.1-pd-redhat-1 (CamelContext: camel-4) started in 0.009 seconds
2010-01-24 08:02 INFO [org.switchyard.common.camel.SwitchyardCamelContext] (MSC service thread 1-2) Route: direct://urn:homeloan:1.0:PrequalificationProcess/CreditService started and consuming from: Endpoint[direct://%7Burn:homeloan:1.0%7DPrequalificationProcess/CreditService]
2010-01-24 08:07 INFO [org.switchyard.common.camel.SwitchyardCamelContext] (MSC service thread 1-2) Route: direct://urn:homeloan:1.0:PrequalificationProcess/LeadEvaluationService started and consuming from: Endpoint[direct://%7Burn:homeloan:1.0%7DPrequalificationProcess/LeadEvaluationService]
2010-01-25 00:00 WARN [org.jbpm.ruleflow.core.validation.MultiFlowProcessValidator] (MSC service thread 1-20) Process variable Parameter uses ObjectDataType for default type (java.lang) which could cause problems with setting variables, use String type instead
2010-01-25 00:00 WARN [org.jbpm.ruleflow.core.validation.MultiFlowProcessValidator] (MSC service thread 1-20) Process variable Result uses Objectdatatype for default type (java.lang) which could cause problems with setting variables, use String type instead
2010-01-25 00:00 INFO [org.drools.compiler.kie.builder.impl.KieRepositoryImpl] (MSC service thread 1-20) KieModule was added;MemoryKieModule[ ReleaseId=org.switchyard.bpm:app:0
2010-01-25 00:00 INFO [org.switchyard.common.camel.SwitchyardCamelContext] (MSC service thread 1-2) Route: direct://urn:homeloan:1.0:IntakeCustomerLookup started and consuming from: Endpoint[direct://%7Burn:homeloan:1.0%7DIntakeCustomerLookup]
2010-01-25 00:00 INFO [org.switchyard.common.camel.SwitchyardCamelContext] (MSC service thread 1-2) Route: direct://urn:homeloan:1.0:IntakeCustomerLookup/InTakeCustomerLookupService
2010-01-25 00:07 INFO [org.switchyard.common.camel.SwitchyardCamelContext] (MSC service thread 1-2) Routes route2 started and consuming from: Endpoint[switchyard://InTakeService]
2010-01-25 00:43 INFO [org.drools.compiler.kie.builder.impl.KieRepositoryImpl] (MSC service thread 1-20) KieModule was added;MemoryKieModule[ ReleaseId=org.switchyard.bpm:app:40
2010-01-25 00:43 INFO [org.switchyard.common.camel.SwitchyardCamelContext] (MSC service thread 1-2) Route: direct://urn:homeloan:1.0:IntakeSOAP started and consuming from: Endpoint[direct://%7Burn:homeloan:1.0%7DIntakeSOAP]
2010-01-25 00:49 INFO [org.switchyard] (MSC service thread 1-2) Addressing [enabled = false, required = false]
2010-01-25 00:50 INFO [org.switchyard] (MSC service thread 1-2) WRM [enabled = false, threshold = 0]
2010-01-25 00:50 INFO [org.jboss.wscxf.Metadata] (MSC service thread 1-20) 305004001: Adding service endpoint metadata: id:IntakeService
address=http://localhost:8080/urn:homeloan:1.0:IntakeService
implementation=org.switchyard.component.ws.endpoint.BasicEndpoint
serviceName=urn:homeloan:1.0:IntakeService
portName=urn:homeloan:1.0:IntakeServicePort
annotationId=LocationSmall
wsdlURL=urn:homeloan:1.0:IntakeService.wsdl
xsdURL=urn:homeloan:1.0:IntakeService.xsd
bindingName=switchyard-component-ws-endpoint-IntakeServiceHandler
2010-01-25 00:51 INFO [org.apache.cxf.service.factory.ReflectionServiceFactoryBean] (MSC service thread 1-2) Creating Service urn:homeloan:1.0:IntakeService from WSDL: vfs:/content/lab2-1.0.0.jar/IntakeService.wsdl
2010-01-25 00:51 INFO [org.apache.cxf.service.factory.ReflectionServiceFactoryBean] (MSC service thread 1-2) Setting the server's publish address to be http://localhost:8080/urn:homeloan:1.0:IntakeService
2010-01-25 00:52 INFO [org.jboss.wscxf.Deployer] (MSC service thread 1-2) WebAppWeb: Web published to file:/home/apeles/Downloads/2014/jboss-eap-6.1/standalone/data/wsdl/homeloan.deployment/IntakeService.wsdl
2010-01-25 00:57 INFO [org.jboss.wscxf.WebServices] (MSC service thread 1-4) 284802939: Starting service jboss-ws-greeter:component:1
2010-01-25 00:58 INFO [org.jboss.wscxf.WebServices] (MSC service thread 1-4) 284802939: Starting service jboss-ws-greeter:component:1
2010-01-25 00:59 INFO [org.jboss.wscxf.WebServices] (MSC service thread 1-4) 284802939: Bindings Registered: jboss-ws-greeter:component:1
2010-01-25 00:59 INFO [org.switchyard.common.camel.SwitchyardCamelContext] (MSC service thread 1-2) Route: direct://urn:homeloan:1.0:IntakeSOAP started and consuming from: Endpoint[direct://%7Burn:homeloan:1.0%7DIntakeSOAP]
2010-01-25 00:59 INFO [org.switchyard.common.camel.SwitchyardCamelContext] (MSC service thread 1-2) Route: vicamel2roundRobinModel/IntakeSOAP@wsdlMetadata started and consuming from: Endpoint[jms://queue/loanIntakeConnectionfactory@com.vicemqfactory]
```

Complete Stage Workflow

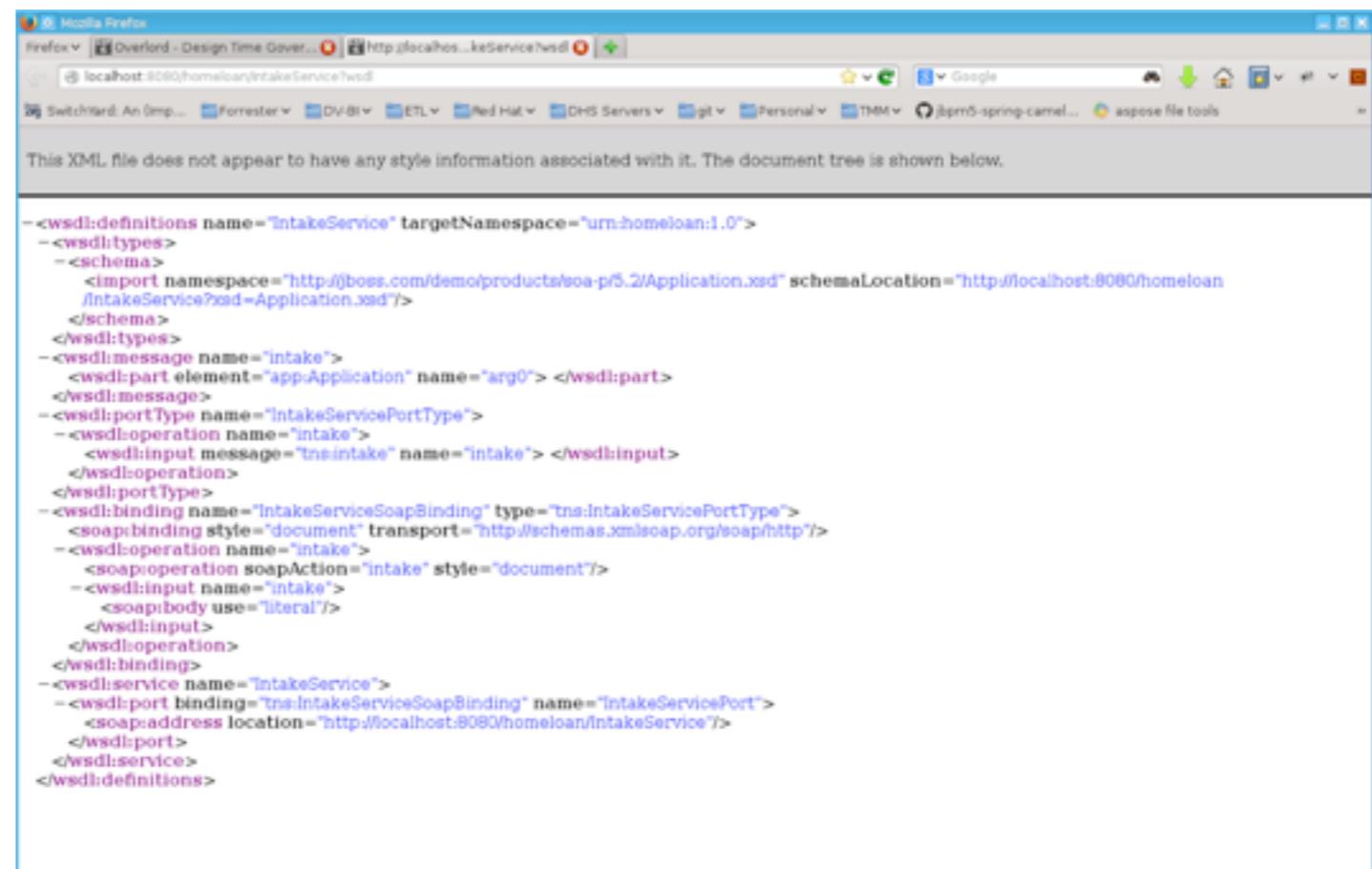
FYI

kwp : need text here

TODO

1. In a new browser tab visit the SOAP endpoint URL to confirm the endpoint is available:

<http://localhost:8080/homeloan/IntakeService?wsdl>



The screenshot shows a Mozilla Firefox browser window with the title bar "Mozilla Firefox" and the address bar "localhost:8080/homeloan/IntakeService?wsdl". The page content area displays the XML structure of the WSDL document. The text reads:

```
<wsdl:definitions name="IntakeService" targetNamespace="urn:homeloan:1.0">
  <wsdl:types>
    <schema>
      <import namespace="http://jboes.com/demo/products/soa-p/5.2/Application.xsd" schemaLocation="http://localhost:8080/homeloan/IntakeService?xsd=Application.xsd"/>
    </schema>
  </wsdl:types>
  <wsdl:message name="intake">
    <wsdl:part element="app:Application" name="arg0"/>
  </wsdl:message>
  <wsdl:portType name="IntakeServicePortType">
    <wsdl:operation name="intake">
      <wsdl:input message="tns:intake" name="intake"/>
    </wsdl:operation>
  </wsdl:portType>
  <wsdl:binding name="IntakeServiceSoapBinding" type="tns:IntakeServicePortType">
    <soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
    <wsdl:operation name="intake">
      <soap:operation soapAction="intake" style="document"/>
      <wsdl:input name="intake">
        <soap:body use="literal"/>
      </wsdl:input>
    </wsdl:operation>
  </wsdl:binding>
  <wsdl:service name="IntakeService">
    <wsdl:port binding="tns:IntakeServiceSoapBinding" name="IntakeServicePort">
      <soap:address location="http://localhost:8080/homeloan/IntakeService"/>
    </wsdl:port>
  </wsdl:service>
</wsdl:definitions>
```

Complete Prod Workflow



A screenshot of a web-based task management application. The title bar says "overlord - Design Time Governance - Mozilla Firefox". The main interface shows a "Task Filters" sidebar with options for Owner (Any, My Tasks, Active Tasks, Group Tasks), Priority (Any), Date Due (Any, To, Any), and a "Clear All Filters" button. To the right is a table titled "Task Index" with one row of data. The table columns are Name, Priority, Owner, Status, and Due On. The single entry is "Test Prod" with Priority 1, Owner Any, Status Ready, and Due On empty.

???



The screenshot shows a web browser displaying the Red Hat JBoss Governance DTGov Dashboard. The URL is <http://localhost:8080/dtgov-uui#deploymentDetails.uuid=6e2b6d16-fb76-46ab-aa03-d442bc940f77>. The page title is "Overlord - Design Time Governance - Mozilla Firefox". The main content area is titled "RED HAT JBOSS GOVERNANCE" and shows the "Deployment Details" for "lab2-1.0.0.jar (SwitchYardApplication)". The deployment properties listed include:

Deployment Properties	Description
UUID: 6e2b6d16-fb76-46ab-aa03-d442bc940f77	<no value>
Deployment Status: InDev, InQA, InStage, InProd	
Version: 1.0.0	
Type: SwitchYardApplication	
Initiated: 03/27/2014 by NewAdmin	
Maven Group: org.switchyard.training.summit2014	
Maven Id: lab2	
Maven Version: 1.0.0	

Below the deployment properties, there are three buttons: "Deployment History", "Deployment Contents", and "Browse in S-RAMP". The "Deployment History" button has a tooltip: "Click to see the history of this deployment, from the time it was added to the system until now. The history includes its transitions within the Deployment Lifecycle.". The "Deployment Contents" button has a tooltip: "Here you can view a list of the interesting artifacts that the system located within the deployment. This often includes artifacts such as XML files, WSDLs, and Schemas.". The "Browse in S-RAMP" button has a tooltip: "Click here to browse this deployment artifact in the S-RAMP browser interface. This may allow you to view and modify all aspects of the artifact.". At the bottom of the page, it says "© JBoss Overlord 2013".

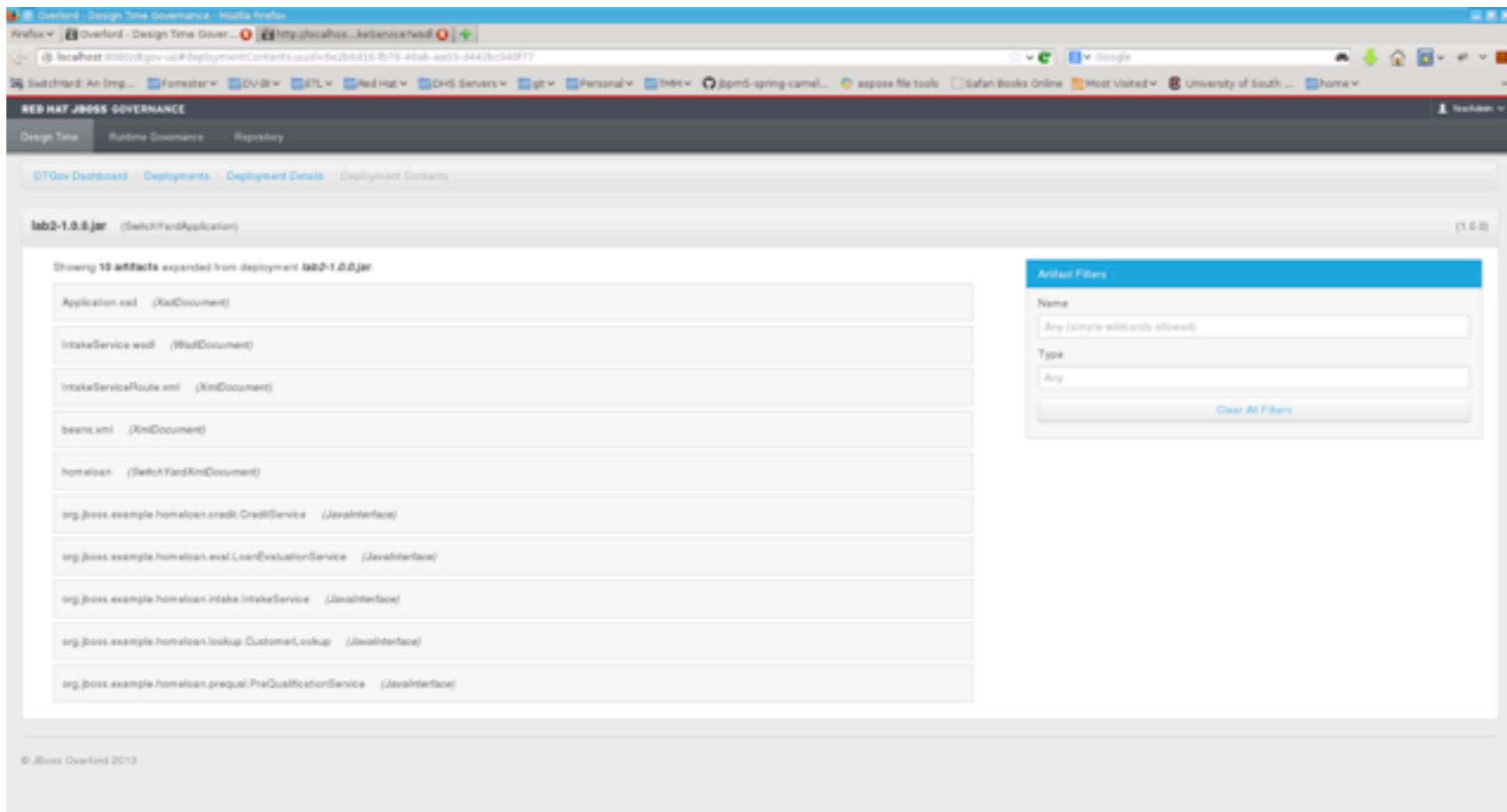
???



The screenshot shows a web browser window with the title "JBoss Design Time Governance - Home View". The URL is "http://localhost:8080/design-time-governance/main.html#/deployment-status?artifactId=12345&version=1.0.0&type=jar". The page displays a list of historical events for artifact ID 12345, version 1.0.0, type jar. There are six events listed, each with a checkbox and a timestamp (23.2.2014 at 4:11AM). Each event details the addition of classifiers:

- digrworkflows on 23.2.2014 at 4:11AM (Updated some information (meta-data) about the artifact)
The following classifiers were added:
 - Classifier: <http://www.jboss.org/overlord/deployment-status.owl#ProdPass>
- digrworkflows on 23.2.2014 at 4:11AM (Updated some information (meta-data) about the artifact)
The following classifiers were added:
 - Classifier: <http://www.jboss.org/overlord/deployment-status.owl#ProdTest>
- digrworkflows on 23.2.2014 at 4:11AM (Updated some information (meta-data) about the artifact)
The following classifiers were added:
 - Classifier: <http://www.jboss.org/overlord/deployment-status.owl#WtProd>
- digrworkflows on 23.2.2014 at 4:11AM (Updated some information (meta-data) about the artifact)
No additional information.
- digrworkflows on 23.2.2014 at 4:11AM (Updated some information (meta-data) about the artifact)
The following classifiers were added:
 - Classifier: <http://www.jboss.org/overlord/deployment-status.owl#StageTest>
- digrworkflows on 23.2.2014 at 4:11AM (Updated some information (meta-data) about the artifact)
The following classifiers were added:

???



Screenshot of the Red Hat JBoss Governance interface, specifically the DTGov Dashboard. The page shows deployment details for 'tab2-1.0.0.jar'. On the left, a list of artifacts is displayed:

- Application.wadl (XmlDocument)
- IntakeService.wsdl (WadDocument)
- IntakeServiceRoute.xml (XmlDocument)
- beans.xml (XmlDocument)
- homeloan (Batch Yard XmlDocument)
- org.jboss.example.homeloan.credit.CreditService (JavaInterface)
- org.jboss.example.homeloan.eval.IloanEvaluationService (JavaInterface)
- org.jboss.example.homeloan.intake.IntakeService (JavaInterface)
- org.jboss.example.homeloan.lookup.CustomerLookup (JavaInterface)
- org.jboss.example.homeloan.prequal.PreQualificationService (JavaInterface)

On the right, there is a sidebar titled 'Artifact Filters' with fields for 'Name' (set to 'Any (simple wildcards allowed)') and 'Type' (set to 'Any'). A 'Clear All Filters' button is also present.

Lab 2 Complete!