



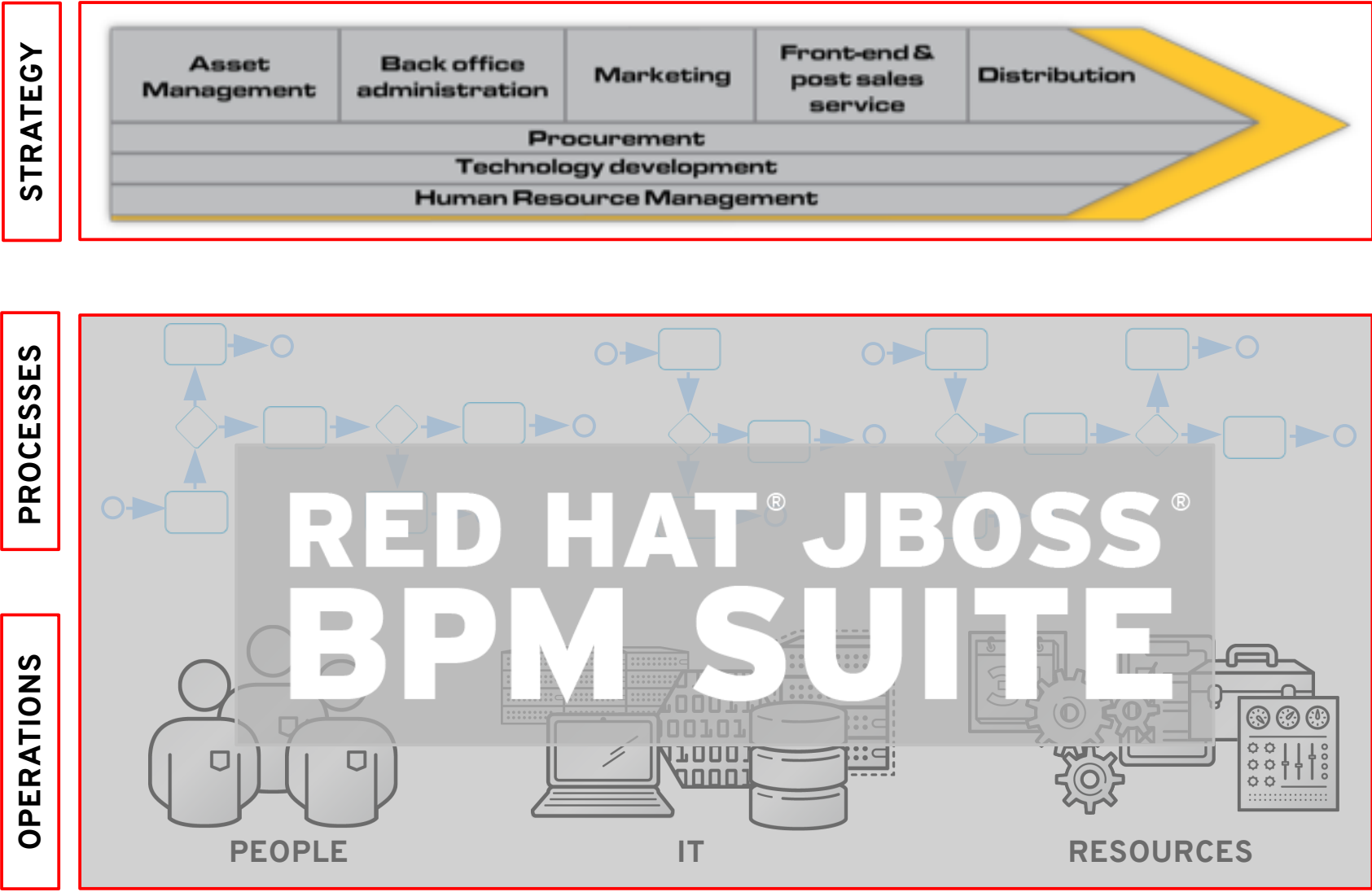
# ***Build the Enlightened Enterprise***

## ***An Overview of the JBoss BPM Suite & JBoss FSW Integration Demo***

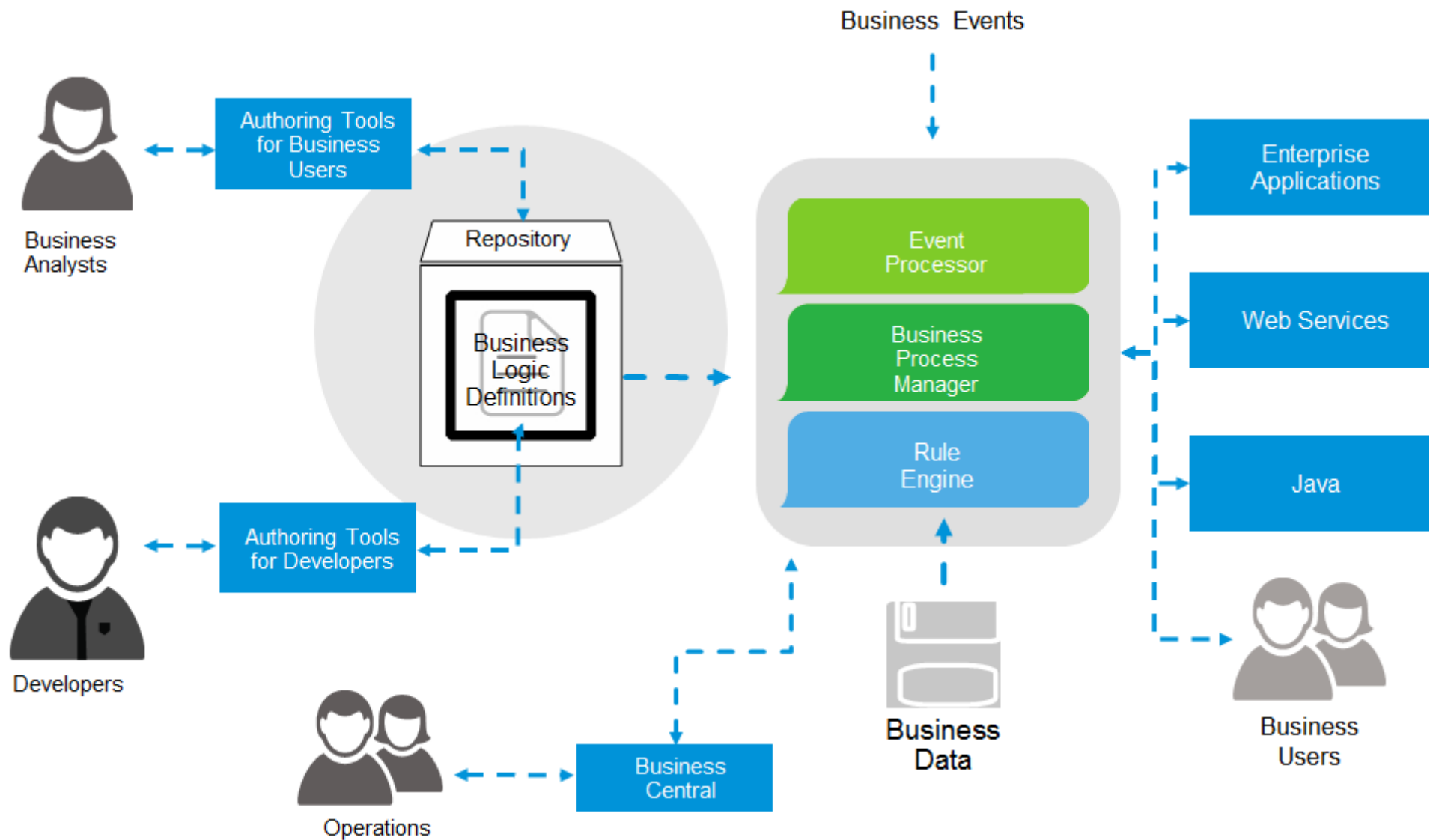
***Powered by Red Hat JBoss Middleware:***

***JBoss BPM Suite v6  
JBoss FSW v6***

# JBoss Middleware becomes strategic



# Components in project



# Value Proposition



Automate  
business operations  
with intelligent  
decision support



Optimize  
business operations  
with real-time BAM, analytics,  
simulation and recommendation



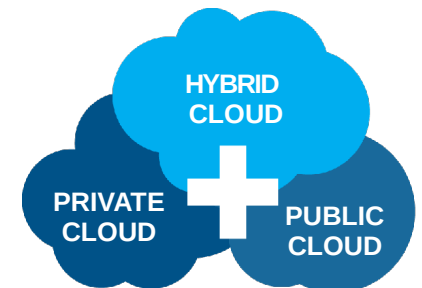
Accelerate  
application development  
with model-driven  
design and integration



Empower  
business users to  
take control of operations

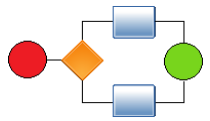


Collaborative working  
during the entire process life cycle  
and beyond the Enterprise



Deploy  
in the Cloud  
with BPM PaaS

# Capabilities Overview



## Processes

Create and deploy enterprise processes and applications through a model-driven composition environment and execution platform.



## Services

Integrate and interoperate your existing enterprise systems and web services in your business processes using JBoss SOA Platform and JBoss Fuse modern ESB.



## Rules

JBoss BRMS is included in JBoss BPM Suite to support the definition, management and execution of business rules by Business and IT users.



## Data

Data modeling tool that also enables participants to manipulate and manage data entities within running processes.



## Events

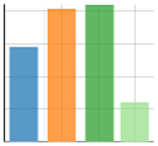
Handle events as first class citizens of the platform, dedicating an independent module to Manage Complex Event Processing (CEP).



## Forms

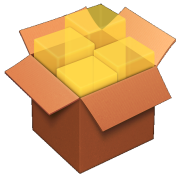
Forms modeling tool to build dynamic and interactive web forms using using a WYSIWYG drag-and-drop interface.

# Capabilities Overview



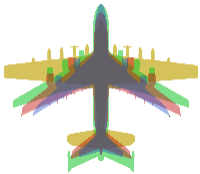
## Analytics

Build dashboards that deliver real-time business activity monitoring (BAM) and reporting with personalized information, measure and analyze key indicators to track process performance to make quick and effective decisions.



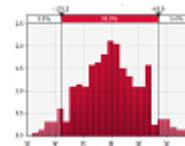
## Assets

Pluggable multi-dimensional repository for knowledge representation of processes, rules, data and services to facilitate reusability, change management, governance and compliancy.



## Execution

Integrated execution environment with separates engines for processes, tasks, events and rules. Deploy in different application servers, on-premise or in cloud.



## Simulation

Establish, execute and analyse different simulation scenarios. Identify bottlenecks. Decide what are the optimal parameters and thresholds for your processes. Make effective recommendations.



## Workspace

The execution environment provides a Rich User Interface (RUI) or Portal that centralize user participation, attending alerts and triggers, and notifying actions to each role across the entire process



## Development

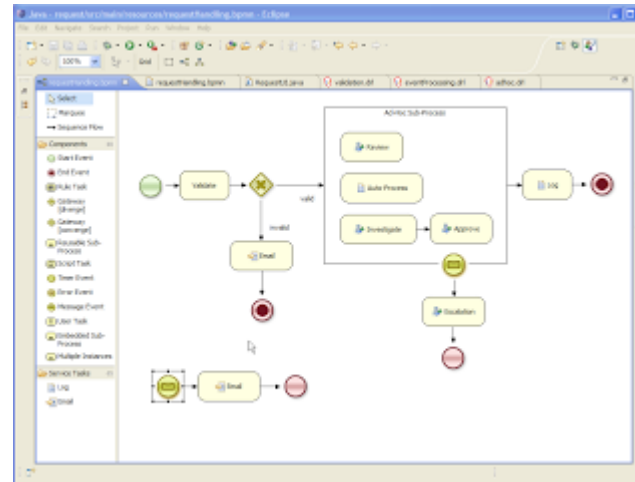
JBoss Workbench IDE lets developers easily extend, build and integrate process-based applications.

## Full BPM lifecycle support

## Modeling & Simulation



## Monitoring & Analysis



## Continuous Improvement

Channel	Frequency	Component	Register name	Name	Granule data	Channel data	Problem	Country	Subs name	Subs number
8.000 MHz Component 1	8.000	8.000	COMPONENT 1	VIRSA COMPONENT 1	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-1	India	Government	01.0001
8.000 MHz Component 2	8.000	8.000	COMPONENT 2	UHF	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-2	Malaysia	Malaysia	01.0002
8.000 MHz Component 3	8.000	8.000	COMPONENT 3	COMPONENT 3	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-3	United States	United States	01.0003
8.000 MHz Component 4	8.000	8.000	COMPONENT 4	COMPONENT 4	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-4	Canada	Canada	01.0004
8.000 MHz Component 5	8.000	8.000	COMPONENT 5	COMPONENT 5	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-5	Belgium	Belgium	01.0005
8.000 MHz Component 6	8.000	8.000	COMPONENT 6	COMPONENT 6	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-6	Malaysia	Malaysia	01.0006
8.000 MHz Component 7	8.000	8.000	COMPONENT 7	COMPONENT 7	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-7	India	India	01.0007
8.000 MHz Component 8	8.000	8.000	COMPONENT 8	UHF	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-8	India	Government	01.0008
8.000 MHz Component 9	8.000	8.000	COMPONENT 9	COMPONENT 9	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-9	United States	United States	01.0009
8.000 MHz Component 10	8.000	8.000	COMPONENT 10	COMPONENT 10	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-10	United States	United States	01.0010
8.000 MHz Component 11	8.000	8.000	COMPONENT 11	COMPONENT 11	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-11	United States	United States	01.0011
8.000 MHz Component 12	8.000	8.000	COMPONENT 12	COMPONENT 12	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-12	United States	United States	01.0012
8.000 MHz Component 13	8.000	8.000	COMPONENT 13	COMPONENT 13	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-13	United States	United States	01.0013
8.000 MHz Component 14	8.000	8.000	COMPONENT 14	COMPONENT 14	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-14	United States	United States	01.0014
8.000 MHz Component 15	8.000	8.000	COMPONENT 15	COMPONENT 15	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-15	United States	United States	01.0015
8.000 MHz Component 16	8.000	8.000	COMPONENT 16	COMPONENT 16	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-16	United States	United States	01.0016
8.000 MHz Component 17	8.000	8.000	COMPONENT 17	COMPONENT 17	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-17	United States	United States	01.0017
8.000 MHz Component 18	8.000	8.000	COMPONENT 18	COMPONENT 18	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-18	United States	United States	01.0018
8.000 MHz Component 19	8.000	8.000	COMPONENT 19	COMPONENT 19	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-19	United States	United States	01.0019
8.000 MHz Component 20	8.000	8.000	COMPONENT 20	COMPONENT 20	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-20	United States	United States	01.0020
8.000 MHz Component 21	8.000	8.000	COMPONENT 21	COMPONENT 21	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-21	United States	United States	01.0021
8.000 MHz Component 22	8.000	8.000	COMPONENT 22	COMPONENT 22	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-22	United States	United States	01.0022
8.000 MHz Component 23	8.000	8.000	COMPONENT 23	COMPONENT 23	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-23	United States	United States	01.0023
8.000 MHz Component 24	8.000	8.000	COMPONENT 24	COMPONENT 24	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-24	United States	United States	01.0024
8.000 MHz Component 25	8.000	8.000	COMPONENT 25	COMPONENT 25	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-25	United States	United States	01.0025
8.000 MHz Component 26	8.000	8.000	COMPONENT 26	COMPONENT 26	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-26	United States	United States	01.0026
8.000 MHz Component 27	8.000	8.000	COMPONENT 27	COMPONENT 27	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-27	United States	United States	01.0027
8.000 MHz Component 28	8.000	8.000	COMPONENT 28	COMPONENT 28	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-28	United States	United States	01.0028
8.000 MHz Component 29	8.000	8.000	COMPONENT 29	COMPONENT 29	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-29	United States	United States	01.0029
8.000 MHz Component 30	8.000	8.000	COMPONENT 30	COMPONENT 30	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-30	United States	United States	01.0030
8.000 MHz Component 31	8.000	8.000	COMPONENT 31	COMPONENT 31	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-31	United States	United States	01.0031
8.000 MHz Component 32	8.000	8.000	COMPONENT 32	COMPONENT 32	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-32	United States	United States	01.0032
8.000 MHz Component 33	8.000	8.000	COMPONENT 33	COMPONENT 33	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-33	United States	United States	01.0033
8.000 MHz Component 34	8.000	8.000	COMPONENT 34	COMPONENT 34	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-34	United States	United States	01.0034
8.000 MHz Component 35	8.000	8.000	COMPONENT 35	COMPONENT 35	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-35	United States	United States	01.0035
8.000 MHz Component 36	8.000	8.000	COMPONENT 36	COMPONENT 36	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-36	United States	United States	01.0036
8.000 MHz Component 37	8.000	8.000	COMPONENT 37	COMPONENT 37	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-37	United States	United States	01.0037
8.000 MHz Component 38	8.000	8.000	COMPONENT 38	COMPONENT 38	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-38	United States	United States	01.0038
8.000 MHz Component 39	8.000	8.000	COMPONENT 39	COMPONENT 39	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-39	United States	United States	01.0039
8.000 MHz Component 40	8.000	8.000	COMPONENT 40	COMPONENT 40	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-40	United States	United States	01.0040
8.000 MHz Component 41	8.000	8.000	COMPONENT 41	COMPONENT 41	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-41	United States	United States	01.0041
8.000 MHz Component 42	8.000	8.000	COMPONENT 42	COMPONENT 42	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-42	United States	United States	01.0042
8.000 MHz Component 43	8.000	8.000	COMPONENT 43	COMPONENT 43	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-43	United States	United States	01.0043
8.000 MHz Component 44	8.000	8.000	COMPONENT 44	COMPONENT 44	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-44	United States	United States	01.0044
8.000 MHz Component 45	8.000	8.000	COMPONENT 45	COMPONENT 45	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-45	United States	United States	01.0045
8.000 MHz Component 46	8.000	8.000	COMPONENT 46	COMPONENT 46	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-46	United States	United States	01.0046
8.000 MHz Component 47	8.000	8.000	COMPONENT 47	COMPONENT 47	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-47	United States	United States	01.0047
8.000 MHz Component 48	8.000	8.000	COMPONENT 48	COMPONENT 48	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-48	United States	United States	01.0048
8.000 MHz Component 49	8.000	8.000	COMPONENT 49	COMPONENT 49	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-49	United States	United States	01.0049
8.000 MHz Component 50	8.000	8.000	COMPONENT 50	COMPONENT 50	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-50	United States	United States	01.0050
8.000 MHz Component 51	8.000	8.000	COMPONENT 51	COMPONENT 51	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-51	United States	United States	01.0051
8.000 MHz Component 52	8.000	8.000	COMPONENT 52	COMPONENT 52	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-52	United States	United States	01.0052
8.000 MHz Component 53	8.000	8.000	COMPONENT 53	COMPONENT 53	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-53	United States	United States	01.0053
8.000 MHz Component 54	8.000	8.000	COMPONENT 54	COMPONENT 54	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-54	United States	United States	01.0054
8.000 MHz Component 55	8.000	8.000	COMPONENT 55	COMPONENT 55	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-55	United States	United States	01.0055
8.000 MHz Component 56	8.000	8.000	COMPONENT 56	COMPONENT 56	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-56	United States	United States	01.0056
8.000 MHz Component 57	8.000	8.000	COMPONENT 57	COMPONENT 57	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-57	United States	United States	01.0057
8.000 MHz Component 58	8.000	8.000	COMPONENT 58	COMPONENT 58	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-58	United States	United States	01.0058
8.000 MHz Component 59	8.000	8.000	COMPONENT 59	COMPONENT 59	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-59	United States	United States	01.0059
8.000 MHz Component 60	8.000	8.000	COMPONENT 60	COMPONENT 60	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-60	United States	United States	01.0060
8.000 MHz Component 61	8.000	8.000	COMPONENT 61	COMPONENT 61	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-61	United States	United States	01.0061
8.000 MHz Component 62	8.000	8.000	COMPONENT 62	COMPONENT 62	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-62	United States	United States	01.0062
8.000 MHz Component 63	8.000	8.000	COMPONENT 63	COMPONENT 63	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-63	United States	United States	01.0063
8.000 MHz Component 64	8.000	8.000	COMPONENT 64	COMPONENT 64	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-64	United States	United States	01.0064
8.000 MHz Component 65	8.000	8.000	COMPONENT 65	COMPONENT 65	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-65	United States	United States	01.0065
8.000 MHz Component 66	8.000	8.000	COMPONENT 66	COMPONENT 66	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-66	United States	United States	01.0066
8.000 MHz Component 67	8.000	8.000	COMPONENT 67	COMPONENT 67	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-67	United States	United States	01.0067
8.000 MHz Component 68	8.000	8.000	COMPONENT 68	COMPONENT 68	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-68	United States	United States	01.0068
8.000 MHz Component 69	8.000	8.000	COMPONENT 69	COMPONENT 69	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-69	United States	United States	01.0069
8.000 MHz Component 70	8.000	8.000	COMPONENT 70	COMPONENT 70	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-70	United States	United States	01.0070
8.000 MHz Component 71	8.000	8.000	COMPONENT 71	COMPONENT 71	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-71	United States	United States	01.0071
8.000 MHz Component 72	8.000	8.000	COMPONENT 72	COMPONENT 72	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-72	United States	United States	01.0072
8.000 MHz Component 73	8.000	8.000	COMPONENT 73	COMPONENT 73	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-73	United States	United States	01.0073
8.000 MHz Component 74	8.000	8.000	COMPONENT 74	COMPONENT 74	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-74	United States	United States	01.0074
8.000 MHz Component 75	8.000	8.000	COMPONENT 75	COMPONENT 75	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-75	United States	United States	01.0075
8.000 MHz Component 76	8.000	8.000	COMPONENT 76	COMPONENT 76	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-76	United States	United States	01.0076
8.000 MHz Component 77	8.000	8.000	COMPONENT 77	COMPONENT 77	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-77	United States	United States	01.0077
8.000 MHz Component 78	8.000	8.000	COMPONENT 78	COMPONENT 78	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-78	United States	United States	01.0078
8.000 MHz Component 79	8.000	8.000	COMPONENT 79	COMPONENT 79	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-79	United States	United States	01.0079
8.000 MHz Component 80	8.000	8.000	COMPONENT 80	COMPONENT 80	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-80	United States	United States	01.0080
8.000 MHz Component 81	8.000	8.000	COMPONENT 81	COMPONENT 81	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-81	United States	United States	01.0081
8.000 MHz Component 82	8.000	8.000	COMPONENT 82	COMPONENT 82	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-82	United States	United States	01.0082
8.000 MHz Component 83	8.000	8.000	COMPONENT 83	COMPONENT 83	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-83	United States	United States	01.0083
8.000 MHz Component 84	8.000	8.000	COMPONENT 84	COMPONENT 84	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-84	United States	United States	01.0084
8.000 MHz Component 85	8.000	8.000	COMPONENT 85	COMPONENT 85	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-85	United States	United States	01.0085
8.000 MHz Component 86	8.000	8.000	COMPONENT 86	COMPONENT 86	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-86	United States	United States	01.0086
8.000 MHz Component 87	8.000	8.000	COMPONENT 87	COMPONENT 87	01.01.01.01.01.01	01.01.01.01.01.01	PROB001-87	United States	United States	01.0087

## Integration & Deployment



Form data origin
Add fields by origin
Add fields by type
Form properties
Save

Calculated text

HTML label

Separator

Short text

E-mail

Postal code

Bank Account

IBAN

Phone Number

Decimal

Integer

Long Integer

Long text

Timestamp

Short date

Checkbox

Multi language text

Multi language long text

Rich text

Multilanguage text with format

Link

Customer ID

Last Name

Address

City

Zip

Fax Number

E-Mail

Notes

Phone

Company Name

First Name

Address 2

State

Phone Number

Mobile Number

Phone Number

Field type

Long text

Field name

970218088

Label

Address 2

English

Error message

English

Label css class

Label css style

Help text

English

Style class

Css style

HTML container

Size

Height

Max length

Required

Disabled

Read only

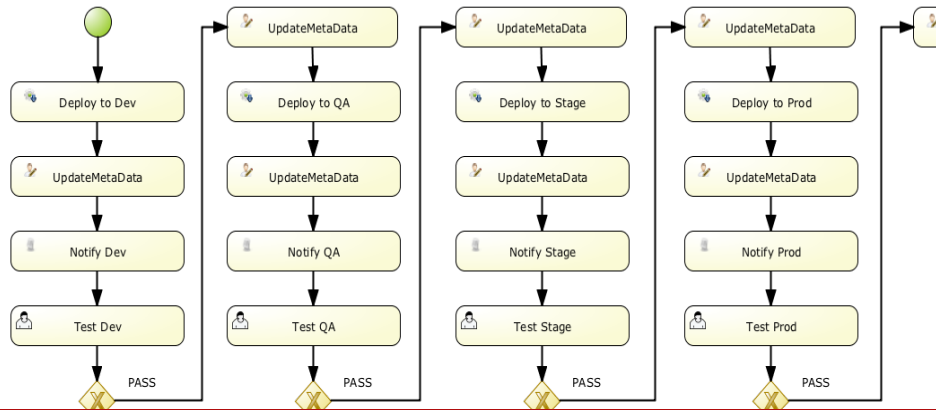
Properties (Address 2)

## Execution & Management



# BPM Governance with FSW & S-RAMP

Simple Release Process (overlord.demo.SimpleReleaseProcess)



RED HAT JBOSSE GOVERNANCE

Design Time Runtime Governance Repository

DTGov Dashboard / Task Inbox

Task Filters				
Owner				
<input checked="" type="radio"/> Any				
<input type="radio"/> My Tasks				
<input type="radio"/> Active Tasks				
<input type="radio"/> Group Tasks				
Priority				
Any				
Date Due				
Any to Any				
Clear All Filters				

Name	Priority	Owner	Status	Due On
Test Qa	3		Ready	

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Overview Relationships

**Links**  
[Download Content](#)  
[Download Meta Data](#)

**Core Properties**  
Type: KieJarArchive  
UUID: 9ec1fa85-93a6-419d-8e8e-17d04a0e1d99  
Derived: false  
Date Created: 2014-08-18 by erics  
Last Modified: 2014-08-18 by dtgovworkflows

**Custom Properties**  
maven.artifactId: evaluation  
maven.groupId: customer  
maven.hash.md5: 31d68e1db6df89bcf577  
maven.hash.sha1: 1ffa6e91ac06c6e683a3  
maven.type: jar  
maven.version: 1.0  
workflowProcessId=overlord.demo.SimpleReleaseProcess  
1\_workflowParameters=DeploymentUri=http  
[Add Property](#)

**Classifiers**  
<http://www.jboss.org/overlord/deployment-status.owl#DevTest>  
<http://www.jboss.org/overlord/deployment-status.owl#InDev>  
[Modify Classifiers](#)

**Description**  
<no value>

RED HAT JBOSSE GOVERNANCE

Design Time Runtime Governance Repository

S-RAMP Dashboard / Artifacts

**Core Properties**  
Type: Any (e.g. WadlDocument)  
Date Created: Any to Any  
Date Last Modified: Any to Any  
Created By: Any  
Last Modified By: Any  
Origin: ☐ Any ☒ Primary ☐ Deleted

[Import Artifacts](#)

Name	Type	Derived	Last Modified
dtgov-workflows-1.0.1.Final-redhat-8.jar	KieJarArchive		08/18/2014
evaluation-1.0.jar	KieJarArchive		08/18/2014
evaluation-1.0.jar.undeploy	UndeploymentInformation		08/18/2014
evaluation-1.0.pom	MavenPom		08/18/2014
financerules.drl	DroolsDocument		08/18/2014
kmodule.xml	KieXmlDocument		08/18/2014
kmodule.xml	KieXmlDocument		08/18/2014
overlord.demo.CheckDeployment-taskform.xml	XmlDocument		08/18/2014
overlord.demo.ReviewMeeting-taskform.xml	XmlDocument		08/18/2014
overlord.demo.SimpleReleaseProcess.bpmn	BpmnDocument		08/18/2014
overlord.demo.SimplifiedProjectLifeCycle.bpmn	BpmnDocument		08/18/2014

overlord@example.com  
To: dev@example.com  
[Overlord-dev] evaluation-1.0.jar is deployed

Artifact 9ec1fa85-93a6-419d-8e8e-17d04a0e1d99 with name 'evaluation-1.0.jar' has been deployed to target dev. Please claim this task, test this deployment and set a pass/fail status at the taskform at

<http://localhost:8080/dtgov-ui/#taskInbox>

—Overlord

RED HAT JBOSSE GOVERNANCE

Runtime Governance Repository

board / Task Inbox / Task Details

[Claim](#) [Release](#) [Start](#) [Stop](#)

**Task Properties**  
ID: 1  
Status: InProgress  
Owner: erics  
Priority: 3  
Due Date:

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

**Artifact**  
evaluation-1.0.jar (UUID: 9ec1fa85-93a6-419d-8e8e-17d04a0e1d99)  
**Deployed to Target**  
COPY/Imp/dev/evaluation-1.0.jar  
**Please record your findings**  
☐ Pass  
☐ Fail  
[Complete](#) [Fail](#)

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Demo project available at:  
<http://github.com/eschabell/bpms-fsw-integration-demo>