



Build the Enlightened Enterprise

An Overview of the Rewards Approval Demo

Powered by Red Hat JBoss Middleware – BPM Suite v6

HR Process – employee reward process

rewards-approval

Employee Reward

Submission Form:

name (employee)

erics

dept (employee)

IT

award (employee)

amount (award)

100

explanation (award)

Good job on demo!

3 - Approve Reward

name (employee)

bob

dept (employee)

IT

award (employee)

amount (award)

100

explanation (award)

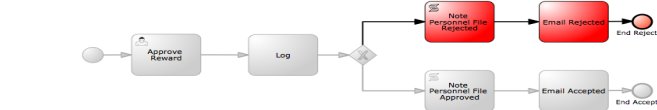
Fun guy!

☐ *approval (outcome)

Save Release Complete

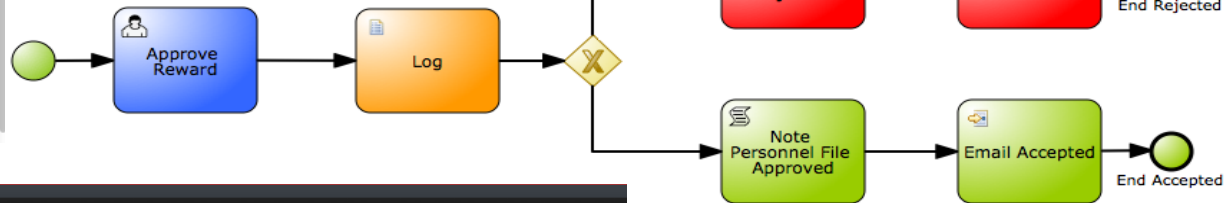
Business Process [rewards.rewards-approval]

Process Modeling
rewards-approval v.1.0 (rewards.rewards-approval)



Instance Details

Instance ID 1
Definition Id rewards.rewards-approval
Definition Name rewards-approval
Deployment com.redhat.jboss.hr.rewards:1.0
Definition Version 1.0
Instance State Completed
Current Activities
Instance Log
14/Jun/14 16:55:01: 6 - End Accepted (EndNode)
14/Jun/14 16:55:01: 5 - Email Accepted (WorkItemNode)
14/Jun/14 16:55:01: 4 - Note Personnel File Approved (ActionNode)
14/Jun/14 16:55:01: 3 - Split
14/Jun/14 16:55:01: 2 - Log (WorkItemNode)
14/Jun/14 16:52:57: 1 - Approve Reward (HumanTaskNode)
14/Jun/14 16:52:57: 0 - StartNode



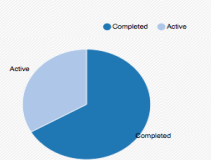
RED HAT JBOSS BPM SUITE

Home Authoring Deploy Process Management Tasks Dashboards Find User: erics

Summary
Total tasks: 3
Total process instances: 3
Completed: 2
Active: 1
Pending: 0
Suspended: 0
Aborted: 0
Current filter: rewards-approval
Process status: Select Process status
Process start date: Select Process start date
Process end date: Select Process end date
Process version: Select Process version

'rewards-approval' process details

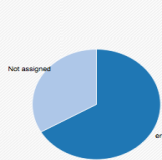
Instances by status



By version



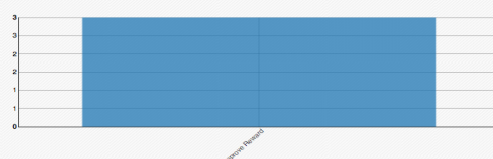
Users with tasks



Number of task instances Tasks started by date Tasks completed by date Tasks duration

Number of task instances

Approve Reward : 3



Process instances by status Process initiated by date Process completed by date Process duration

	Process	Total	Active	Completed	Pending	Suspended	Aborted
	rewards-approval	3	1	2	0	0	0
	TOTAL	3	1	2	0	0	0

Data modeler

rewards Create

Identifier

Award X

Employee X

Employee

Create new field

*Id Insert a valid Java identifier Label Insert a label
*Type Create

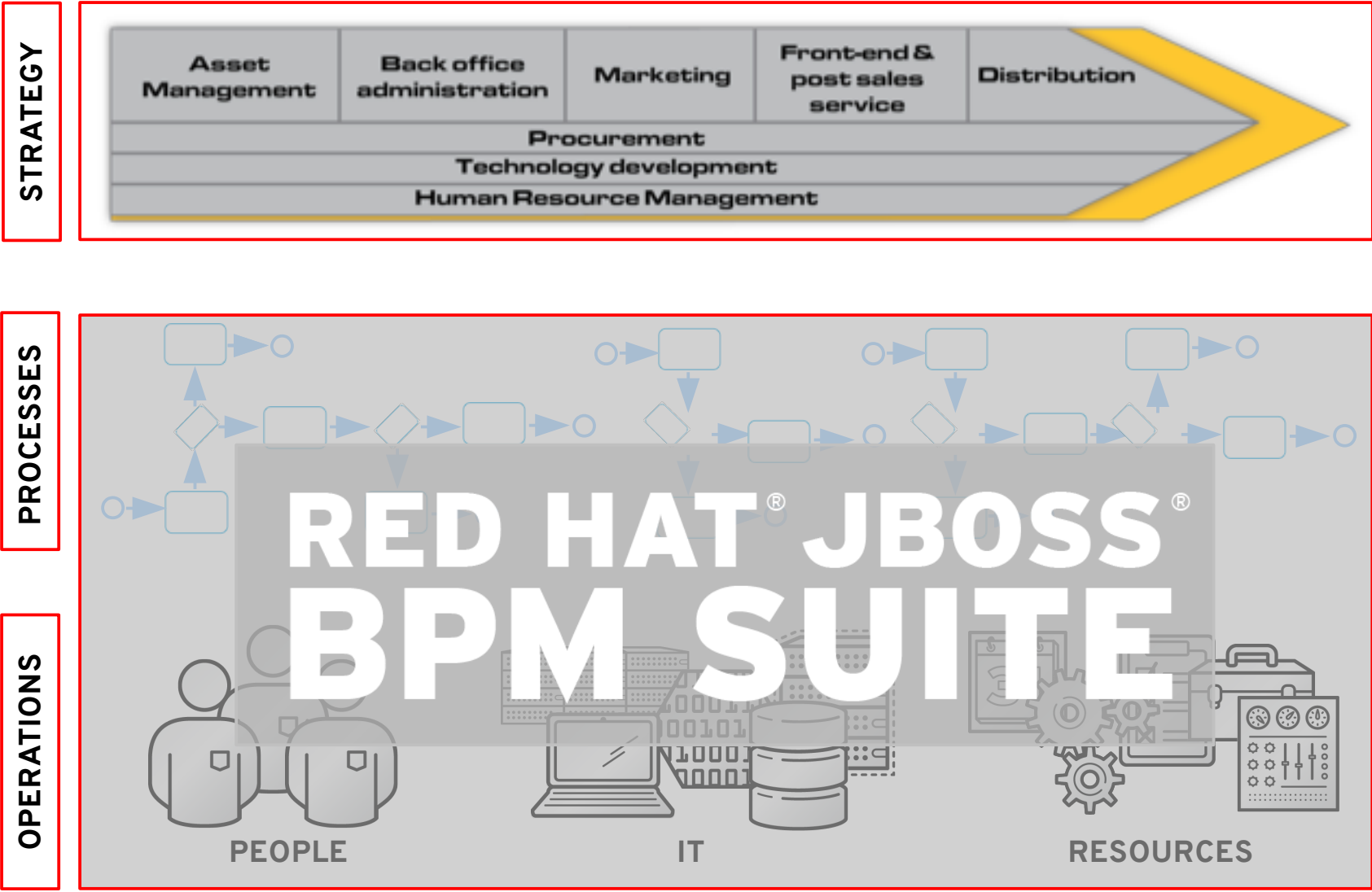
Employee (com.redhat.jboss.hr.rewards.Employee)

Position	Identifier	Label	Type	
0	name	Name	String	X
1	dept	Department	String	X
2	award	Award	Award	X

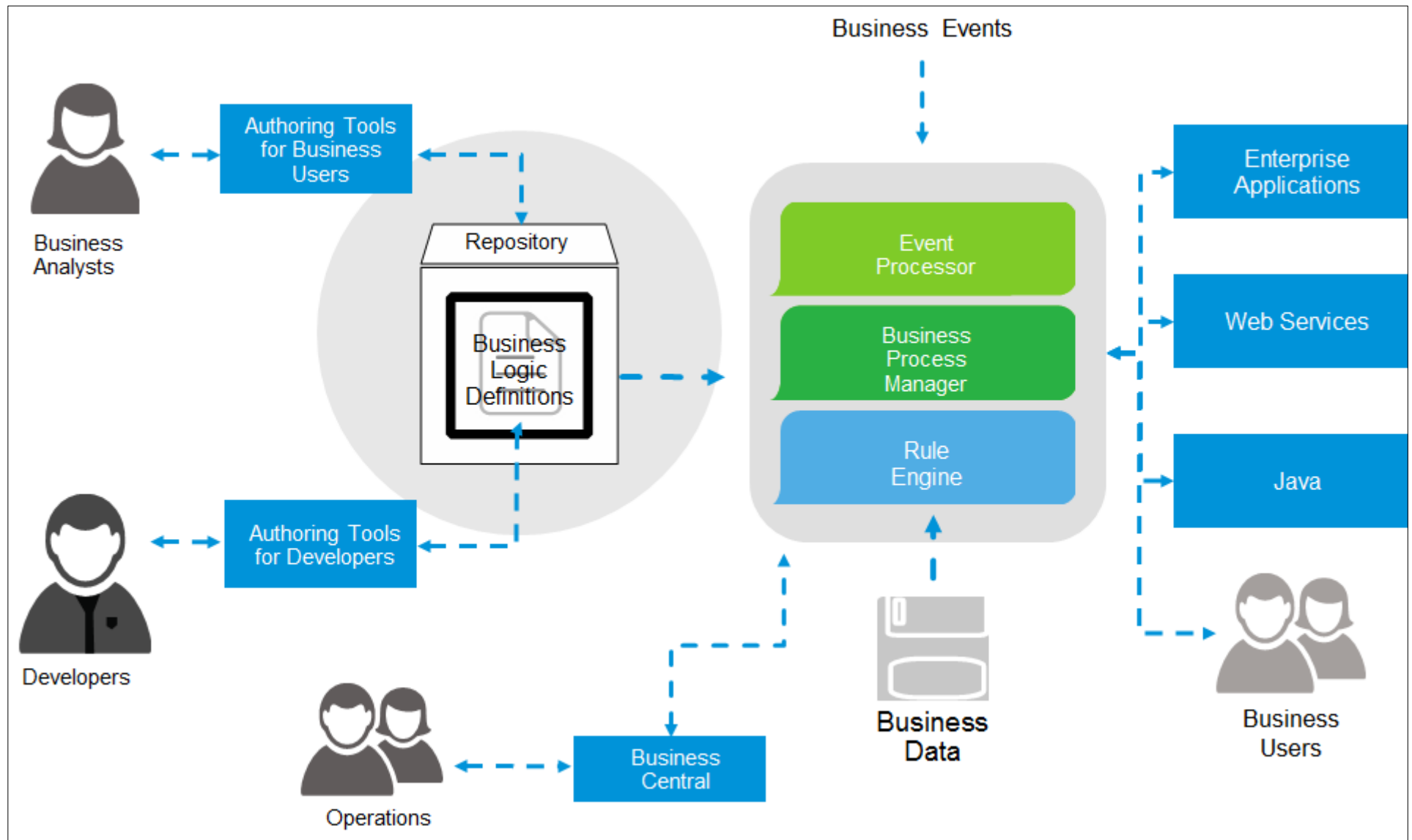
Data object Field

Identifier award
Label Award
Description
Type Award (com.redhat.jboss.hr.rewards.Employee)
Equals
Position 2

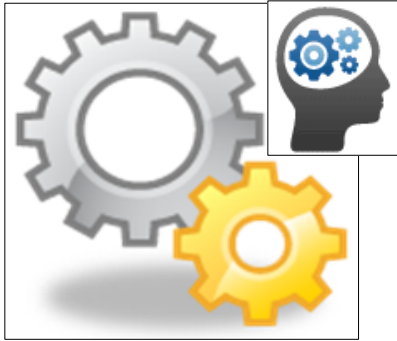
JBoss Middleware becomes strategic



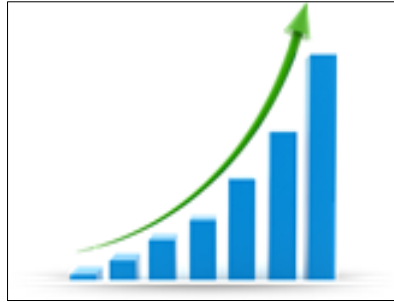
Components in Rewards project



Value Proposition



Automate
business
operations
with intelligent
decision support



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



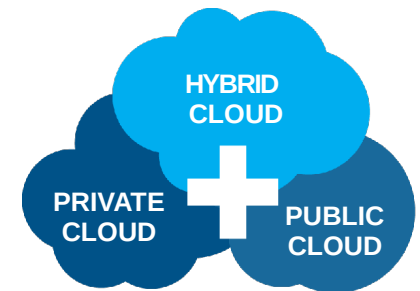
Accelerate
application
development
with model-driven
design and integration



Empower
business users to
take control of
operations

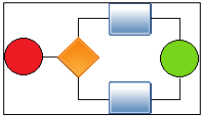


Collaborative working
during the entire process life cycle
and beyond the Enterprise



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.



Rules

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



Events

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



Services

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



Data

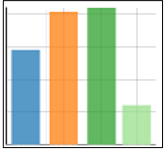
Data modeling tool that also enables participants to manipulate and manage data entities within running processes.



Forms

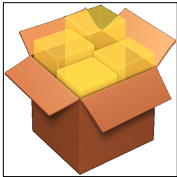
Forms modeling tool to build dynamic and interactive web forms using using a WYSIWYG drag-and-drop interface.

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.



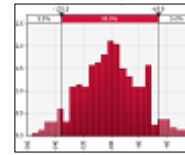
Assets

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 lifecycle.



Development

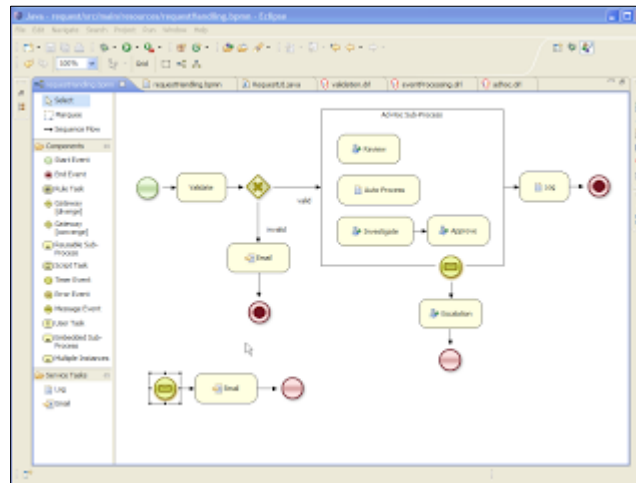
JBoss Workbench IDE lets developers easily extend, build and integrate process-based applications.

Full BPM lifecycle support

Modeling & Simulation



Monitoring & Analysis



Continuous Improvement

Channel	Network	Component	Registration name	Name	Creation date	Deletion date	Producer	Country	Table name	Table rows
8.100.000 DVB	COMPACT	UNLOCK	VIRGINIA COMMUNICATIONS	8.10.00.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.010 DVB	COMPACT	UNLOCK	UNLOCK	8.10.01.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.020 DVB	COMPACT	UNLOCK	UNLOCK	8.10.02.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.030 DVB	COMPACT	UNLOCK	UNLOCK	8.10.03.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.040 DVB	COMPACT	UNLOCK	UNLOCK	8.10.04.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.050 DVB	COMPACT	UNLOCK	UNLOCK	8.10.05.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.060 DVB	COMPACT	UNLOCK	UNLOCK	8.10.06.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.070 DVB	COMPACT	UNLOCK	UNLOCK	8.10.07.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.080 DVB	COMPACT	UNLOCK	UNLOCK	8.10.08.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.090 DVB	COMPACT	UNLOCK	UNLOCK	8.10.09.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.100 DVB	COMPACT	UNLOCK	UNLOCK	8.10.10.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.110 DVB	COMPACT	UNLOCK	UNLOCK	8.10.11.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.120 DVB	COMPACT	UNLOCK	UNLOCK	8.10.12.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.130 DVB	COMPACT	UNLOCK	UNLOCK	8.10.13.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.140 DVB	COMPACT	UNLOCK	UNLOCK	8.10.14.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.150 DVB	COMPACT	UNLOCK	UNLOCK	8.10.15.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.160 DVB	COMPACT	UNLOCK	UNLOCK	8.10.16.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.170 DVB	COMPACT	UNLOCK	UNLOCK	8.10.17.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.180 DVB	COMPACT	UNLOCK	UNLOCK	8.10.18.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.190 DVB	COMPACT	UNLOCK	UNLOCK	8.10.19.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
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8.100.210 DVB	COMPACT	UNLOCK	UNLOCK	8.10.21.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.220 DVB	COMPACT	UNLOCK	UNLOCK	8.10.22.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.230 DVB	COMPACT	UNLOCK	UNLOCK	8.10.23.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
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8.100.250 DVB	COMPACT	UNLOCK	UNLOCK	8.10.25.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.260 DVB	COMPACT	UNLOCK	UNLOCK	8.10.26.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000
8.100.270 DVB	COMPACT	UNLOCK	UNLOCK	8.10.27.00.00	16.01.2017 01:00	16.01.2017 01:00	Microsoft	United States	UNLOCK	10.000

Integration & Deployment



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

Calculated text

HTML label

Separator

Short text

E-mail

Postal code

Bank Account

IBAN

Phone Number

Decimal

Integer

Long integer

Long text

Time stamp

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

970210000

Label

Address 2

English

Error message

English

Label core class

Label core style

Help text

English

Style class

Core style

HTML container

Size

Height

Max length

Required

Disabled

Read only

Properties (Address 2)

Execution & Management





Build the Enlightened Enterprise

For more information, please visit
<http://www.jboss.com>

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