

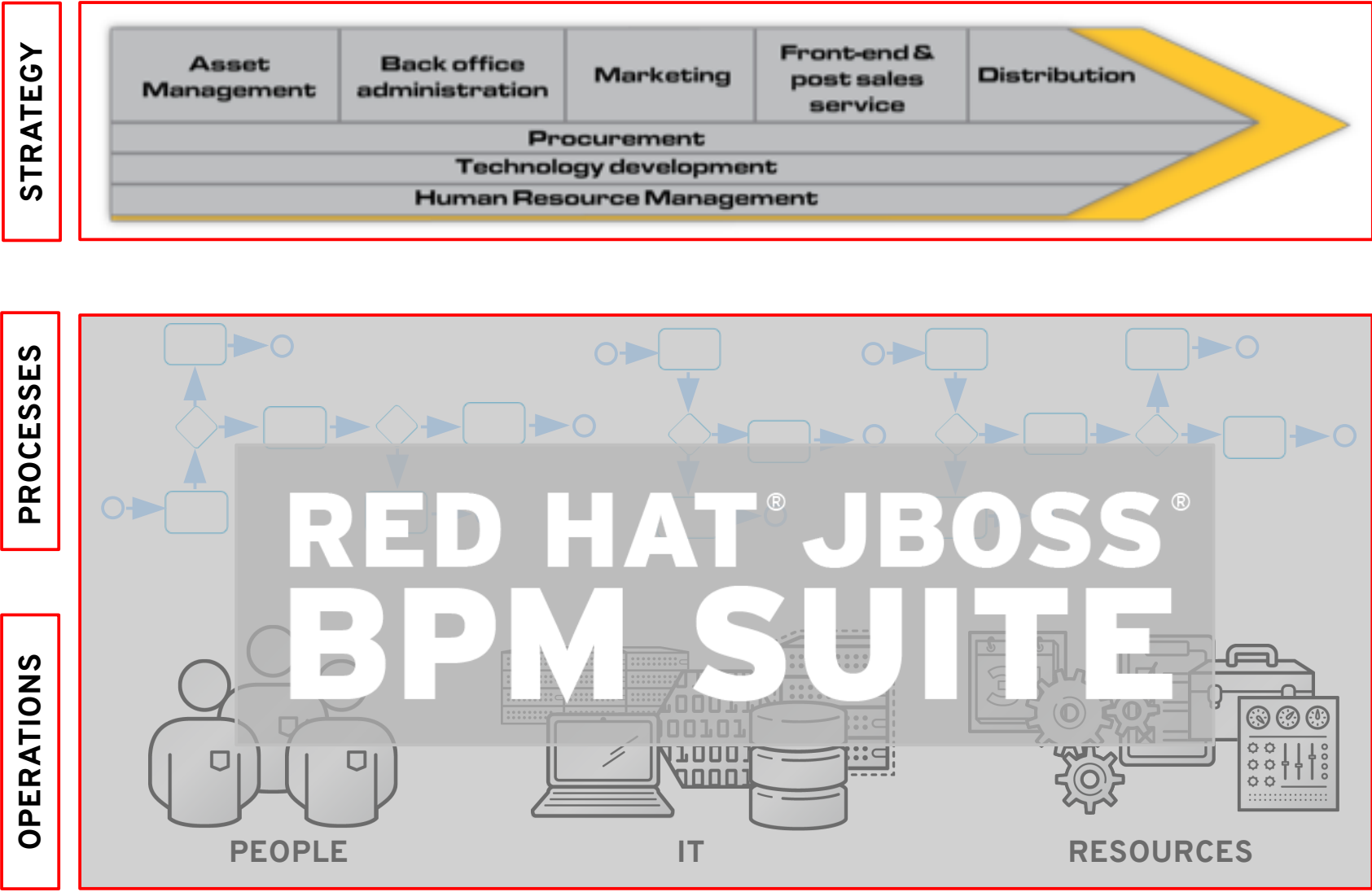


Build the Enlightened Enterprise

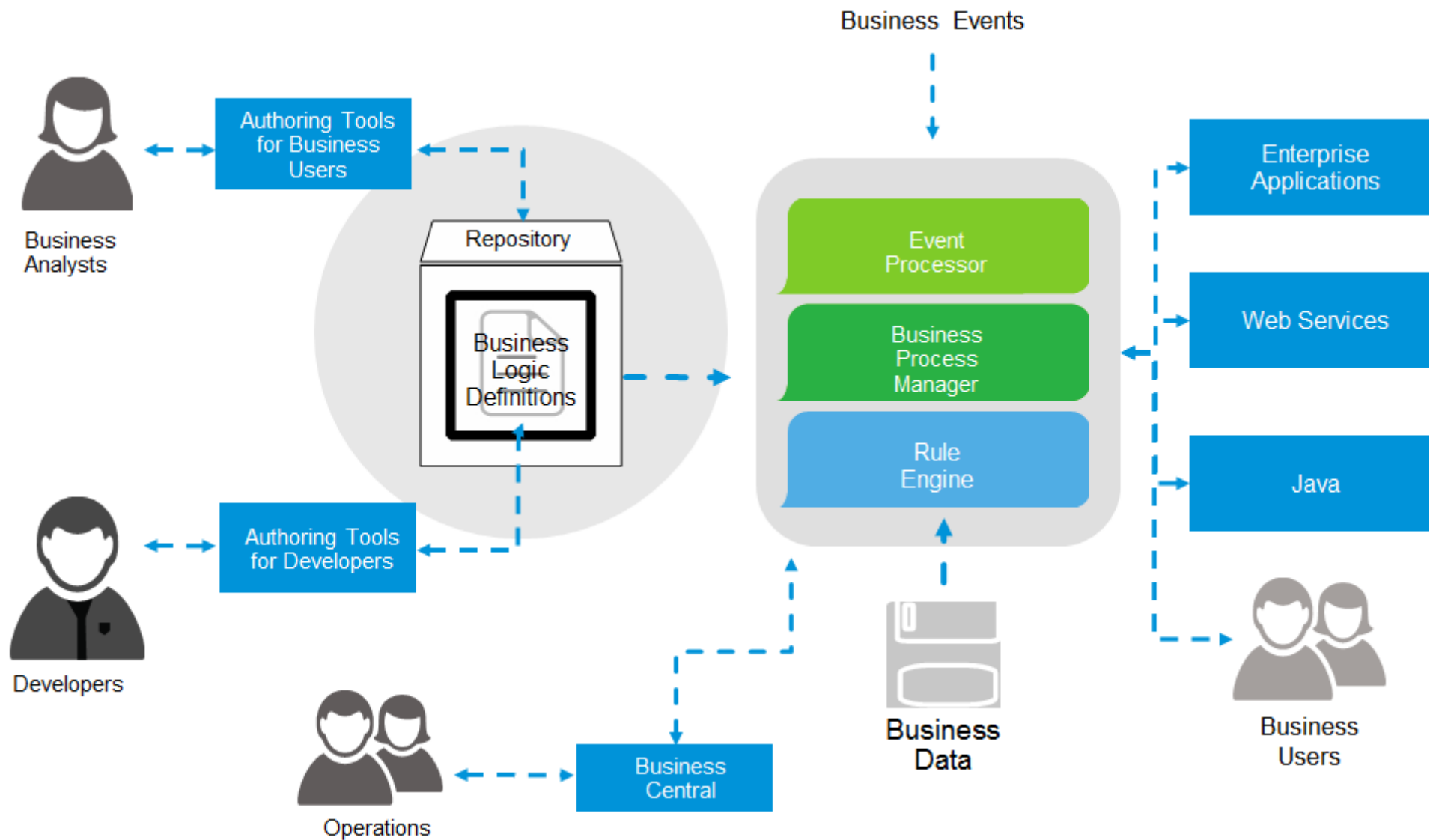
An Overview of the Mortgage Demo

Powered by JBoss Enterprise Middleware -
Red Hat JBoss BPM Suite

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 recommendation



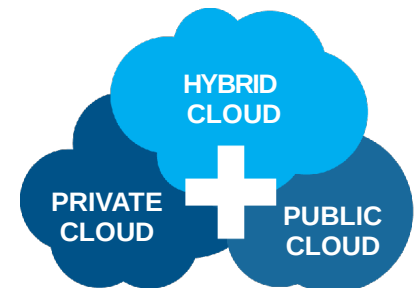
Accelerate
application development
with model-driven
design and integration



Empower
business users to
take control of operations

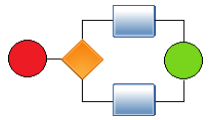


Collaborative working
during the entire process life cycle
and beyond the Enterprise



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

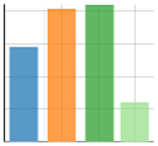
Handle events as first class citizens of the platform, dedicating an independent module to Manage Complex Event Processing (CEP).



Forms

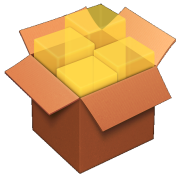
Forms modeling tool to build dynamic and interactive web forms using using a WYSIWYG drag-and-drop interface.

Capabilities Overview



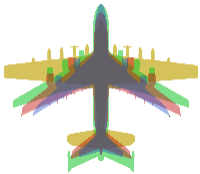
Analytics

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.



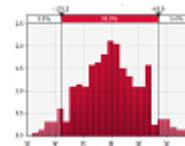
Assets

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

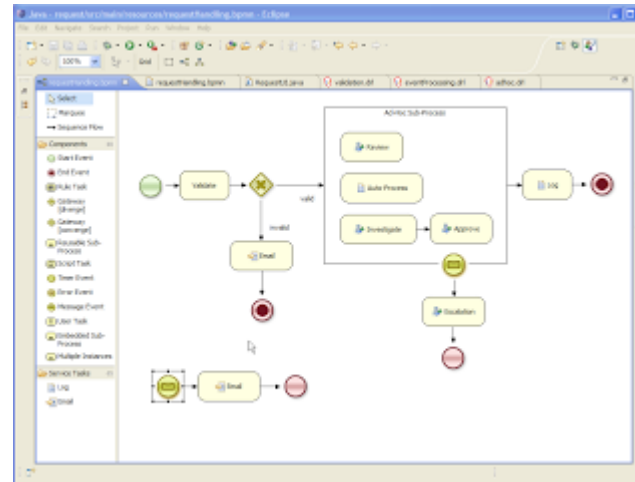
JBoss Workbench IDE lets developers easily extend, build and integrate process-based applications.

Full BPM lifecycle support

Modeling & Simulation



Monitoring & Analysis



Continuous Improvement

[illegible]

Integration & Deployment



The screenshot displays the Form Builder interface. On the left, a sidebar lists various form fields categorized by type: Form data origin, Add fields by origin, Add fields by type, Form properties, and Save. The 'Add fields by type' category is selected, showing a list of fields including 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, Check box, Multi language text, Multi language long text, Rich text, Multilanguage text with format, and Link. Each field has a small icon and a 'Z' icon for reordering.

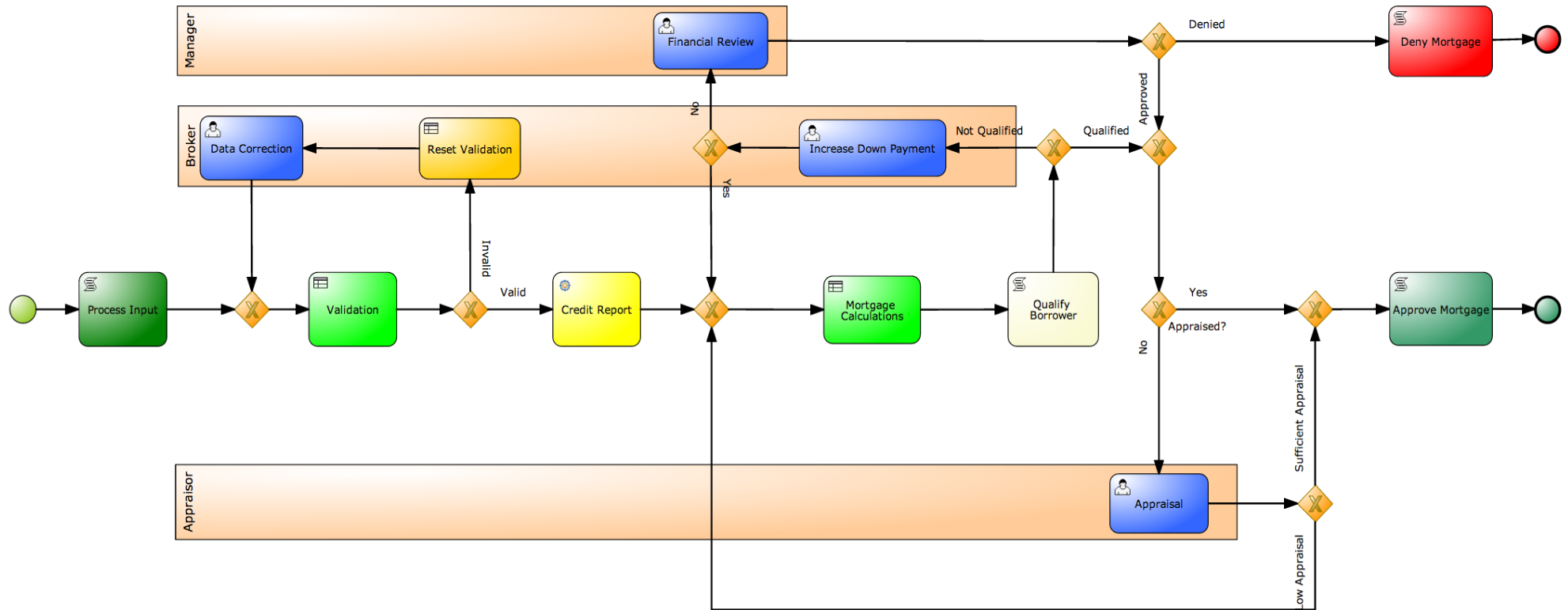
The main area on the right shows a preview of a form titled 'Properties (Address 2)'. The form contains several fields: 'Customer ID' (Short text), 'Company Name' (Short text), 'Last Name' (Short text), 'First Name' (Short text), 'Address' (Short text), 'Address 2' (Short text), 'City' (Short text), 'State' (Short text), 'Zip' (Short text), 'Phone Number' (Short text), 'Fax Number' (Short text), 'Mobile Number' (Short text), 'E-Mail' (Short text), 'Notes' (Long text), 'Phone' (Short text), and 'Phone Number' (Short text). The form also includes a 'Label' field, an 'Error message' field, a 'Label css class' field, a 'Help text' field, a 'Style class' field, an 'HTML container' field, a 'Size' field, a 'Height' field, and a 'Max length' field. The form is styled with a light blue background and rounded corners.

Execution & Management



JBoss BPM Suite Mortgage Demo

MortgageApplication v.1.0 (com.redhat.bpms.examples.mortgage.MortgageApplication)



JBoss BPM Suite Mortgage Demo

RED HAT JBOSS BPM SUITE

Home Authoring Deploy Process Management Tasks Dashboards

Find User: erics

Explore New Item Tools Repository

Project Explorer

Mortgages / MortgageApplication / MortgageApplication

Business Processes

MortgageApplication

FORM DEFINITIONS

GUIDED DECISION TABLE

GUIDED RULE

JAVA SOURCE FILES

WORK ITEM DEFINITIONS

Business Process [MortgageApplication]

Process Modelling Simulation Results

Properties (BPMN-Diagram)

Name	Value
Core Properties	
AdHoc	false
Executable	true
Globals	
ID	com.redhat.bpm.examples.mortgage.MortgageApplic...
Imports	http://localhost:8080/jboss-mortgage-demo-ws/CreditS...
Package	com.redhat.bpm.examples.mortgage
Process Name	MortgageApplication
Variable Defi...	name:String,ssn:Integer,income:Integer,address:String...
Version	1.0
Extra Properties	
Documentati...	
Target Name...	http://www.omg.org/bpmn20
TypeLanguage	http://www.java.com/javaTypes
Simulation Properties	
Base Currency	
Base time unit	seconds

Business Process Metadata





Build the Enlightened Enterprise

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

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

Documentation available at:
<https://access.redhat.com/site/products/JBoss>