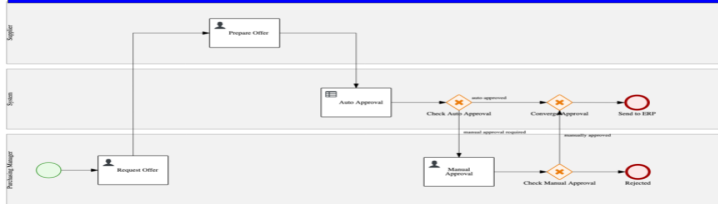


BPM Documentation and Search Tool



Project name: MySpace/Telco

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1 Project Section

1.1 Asset Counts

Asset Type	Count
Business Process	4
Data Model	3
Guided Decision Table	1
REST Web Service	1

1.2 Work Item Handlers Configured

name	Work item Handler Constructor
Log	<code>new org.jbpm.process.instance.impl.demo.SystemOutWorkItemHandler()</code>
Rest	<code>new org.jbpm.process.workitem.rest.RESTWorkItemHandler(classLoader)</code>
External Send Task	<code>new org.jbpm.process.workitem.jms.JMSSendTaskWorkItemHandler("java:/ConnectionFactory", "queue/KIE.SIGNAL")</code>

2 Business Process Section

2.1 Business Process: Telco.asyncProvisioning

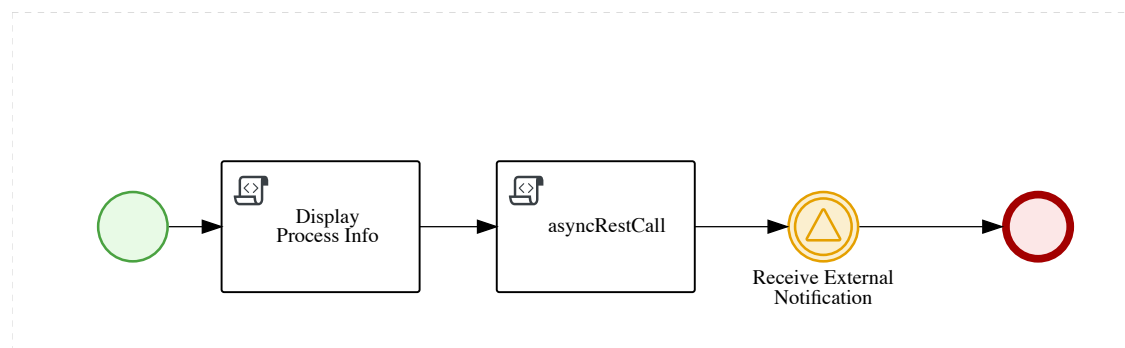
2.1.1 User Defined Metadata

Topic	Notes
Description	This is a sample subprocess used for demo.
Input	service, status, SignalProcessInstanceId, SignalDeploymentId
Output	None
Activities	It is a subprocess that simulates a REST service call and wait for an external event before completion.
Roles	Parent process initiates this process. System carries it out.

This business process is a subprocess. It does the following:

- invokes a "Display Process Info" script task which prints a message, set the values for variables SignalProcessInstanceId and SignalDeploymentId for receiving the external signal
- invokes a "asyncRestCall" script task to emulate the calling of a REST service, and
- waits for an external signal "mySignal" before terminating.

2.1.2 Process Diagram



2.1.3 Process Variables

Variable	Class
service	com.myspace.telco.Service
status	String

Variable	Class
SignalProcessInstanceId	java.lang.Long
SignalDeploymentId	String

2.1.4 Drools Business Rules Ruleflow Groups Used

No Drools rules used.

2.1.5 DMN Decision Requirements Diagrams Used

No DMN Decision Requirements Diagrams used.

2.1.6 Subprocesses Invoked

No subprocesses invoked.

2.1.7 Soap Web Services Called

No Soap web services called.

2.1.8 REST Web Services Called

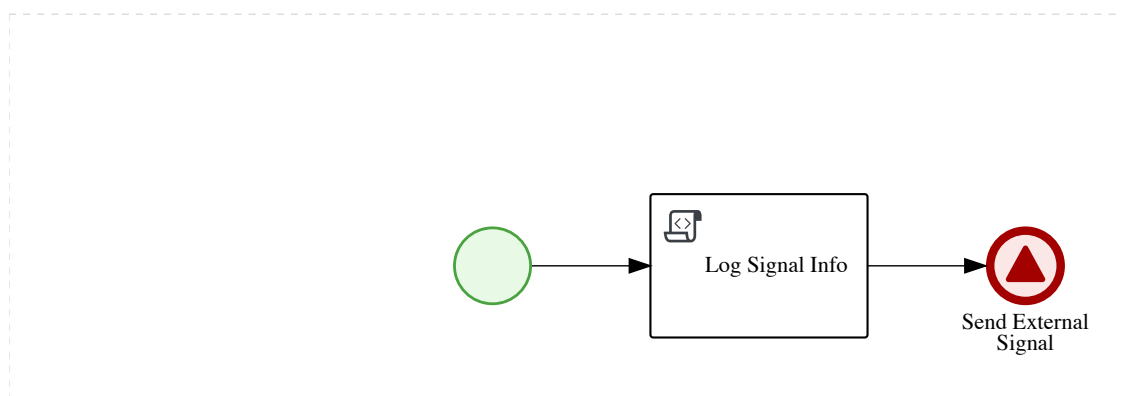
No REST web services called.

2.2 Business Process: Telco.completionSignal

2.2.1 User Defined Metadata

Topic	Notes
Description	This is a convenience business process to perform a signl
Input	SignalDeploymentId, SignalProcessInstanceId, SignalData
Output	None
Activities	It is a subprocess that performs a signal to wake up the async subprocess.
Roles	usernitiates this process to wake up the async subprocess.

2.2.2 Process Diagram



2.2.3 Process Variables

Variable	Class
SignalDeploymentId	String
SignalProcessInstanceId	java.lang.Long
SignalData	String

2.2.4 Drools Business Rules Ruleflow Groups Used

No Drools rules used.

2.2.5 DMN Decision Requirements Diagrams Used

No DMN Decision Requirements Diagrams used.

2.2.6 Subprocesses Invoked

No subprocesses invoked.

2.2.7 Soap Web Services Called

No Soap web services called.

2.2.8 REST Web Services Called

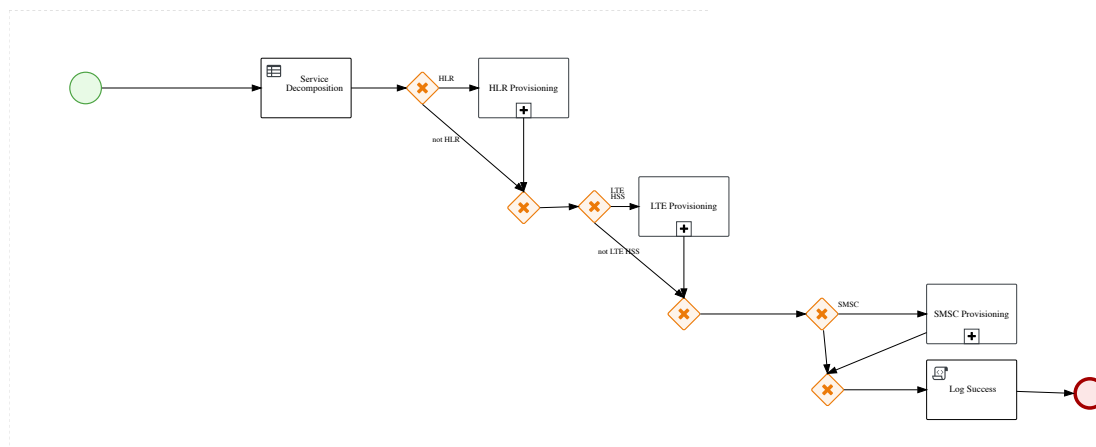
No REST web services called.

2.3 Business Process: Telco.service

2.3.1 User Defined Metadata

Topic	Notes
Description	It demonstrates straight-through processing for subscribing to one of the services: Roaming, IPTV and BASIC.
Input	ProvisionRequest
Output	Provision Response
Activities	Firstly, it uses the 'Components' decision table to decide which component it needs to provision: hlr, lte hss and/or smsc and proceeds to provision those needed components only.
Roles	Customer initiates this process. System carries it out.

2.3.2 Process Diagram



2.3.3 Process Variables

Variable	Class
service	com.myspace.telco.Service
request	com.myspace.telco.ProvisionRequest
response	com.myspace.telco.ProvisionResponse

2.3.4 Drools Business Rules Ruleflow Groups Used

- table

2.3.5 DMN Decision Requirements Diagrams Used

No DMN Decision Requirements Diagrams used.

2.3.6 Subprocesses Invoked

- Telco.asyncProvisioning
- Telco.syncProvisioning

2.3.7 Soap Web Services Called

No Soap web services called.

2.3.8 REST Web Services Called

No REST web services called.

2.4 Business Process: Telco.syncProvisoning

2.4.1 User Defined Metadata

Topic	Notes
Description	This is a sample subprocess used for demo.
Input	service, request, response
Output	None
Activities	It is a subprocess that makes a REST service call and wait
Roles	Parent process initiates this process. System carries it out.

2.4.2 Process Diagram



2.4.3 Process Variables

Variable	Class
service	com.myspace.telco.Service
request	com.myspace.telco.ProvisionRequest
response	com.myspace.telco.ProvisionResponse

2.4.4 Drools Business Rules Ruleflow Groups Used

No Drools rules used.

2.4.5 DMN Decision Requirements Diagrams Used

No DMN Decision Requirements Diagrams used.

2.4.6 Subprocesses Invoked

No subprocesses invoked.

2.4.7 Soap Web Services Called

No Soap web services called.

2.4.8 REST Web Services Called

- POST:http://localhost:9080/service

3 Data Model Section

Model Name	Package Name
ProvisionRequest	com.myspace.telco
ProvisionResponse	com.myspace.telco
Service	com.myspace.telco

4 DMN Section

No DMN Decision Requirement diagrams defined.

5 Guided Decision Table Section

- components
 - table

Objective: determines what to include in the provisioning.

6 Drools Business Rules Section

No Drools Business Rules defined.
