

Launching into the future

with jBPM Migration Project

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Maurice de Chateau



baggage drop off 7 Self service baggage drop off 6

SHOP AT LOW PRICES

11

9

10

In the strangest places...

Shiny new, must have...



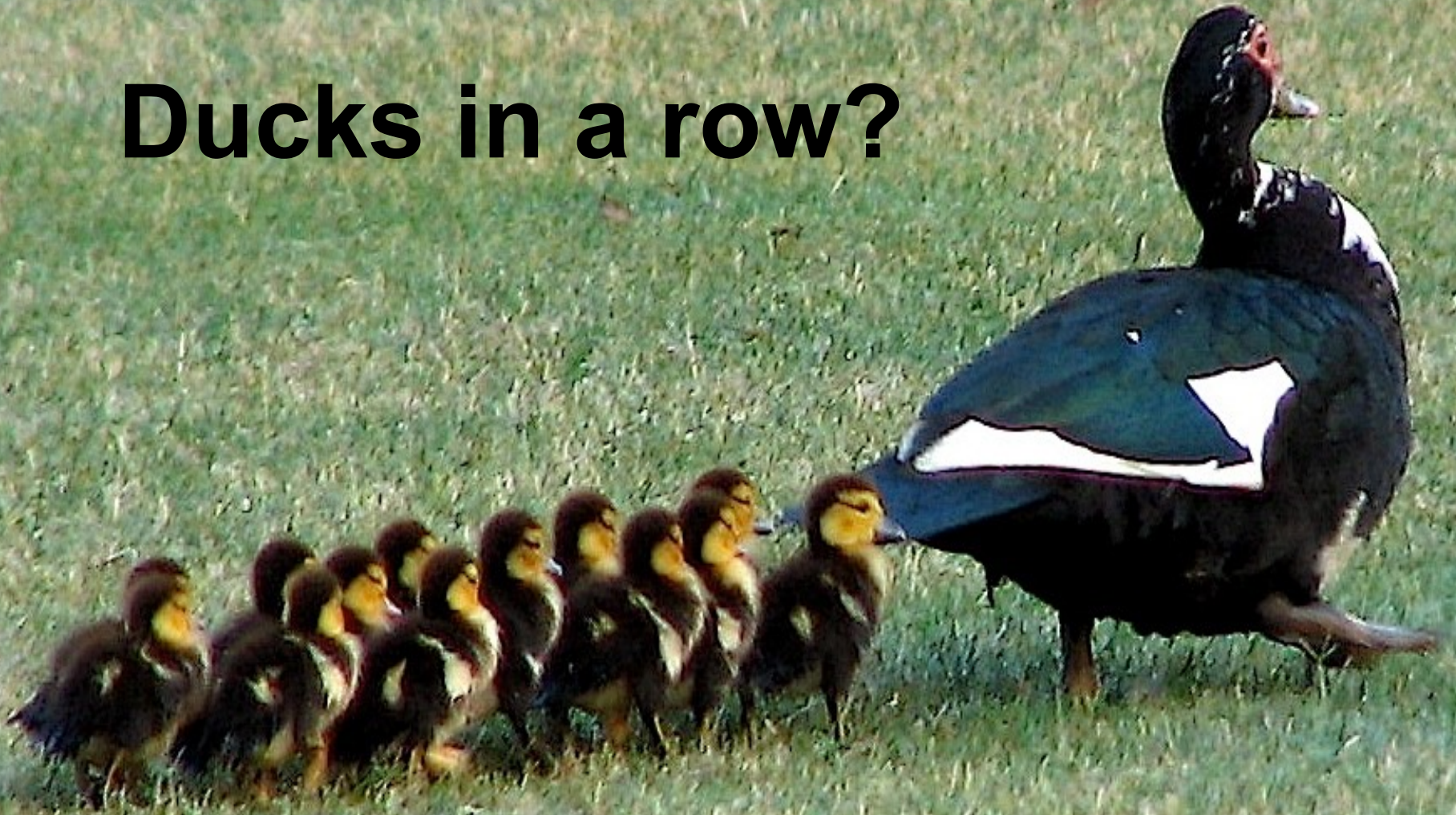


JUDCon

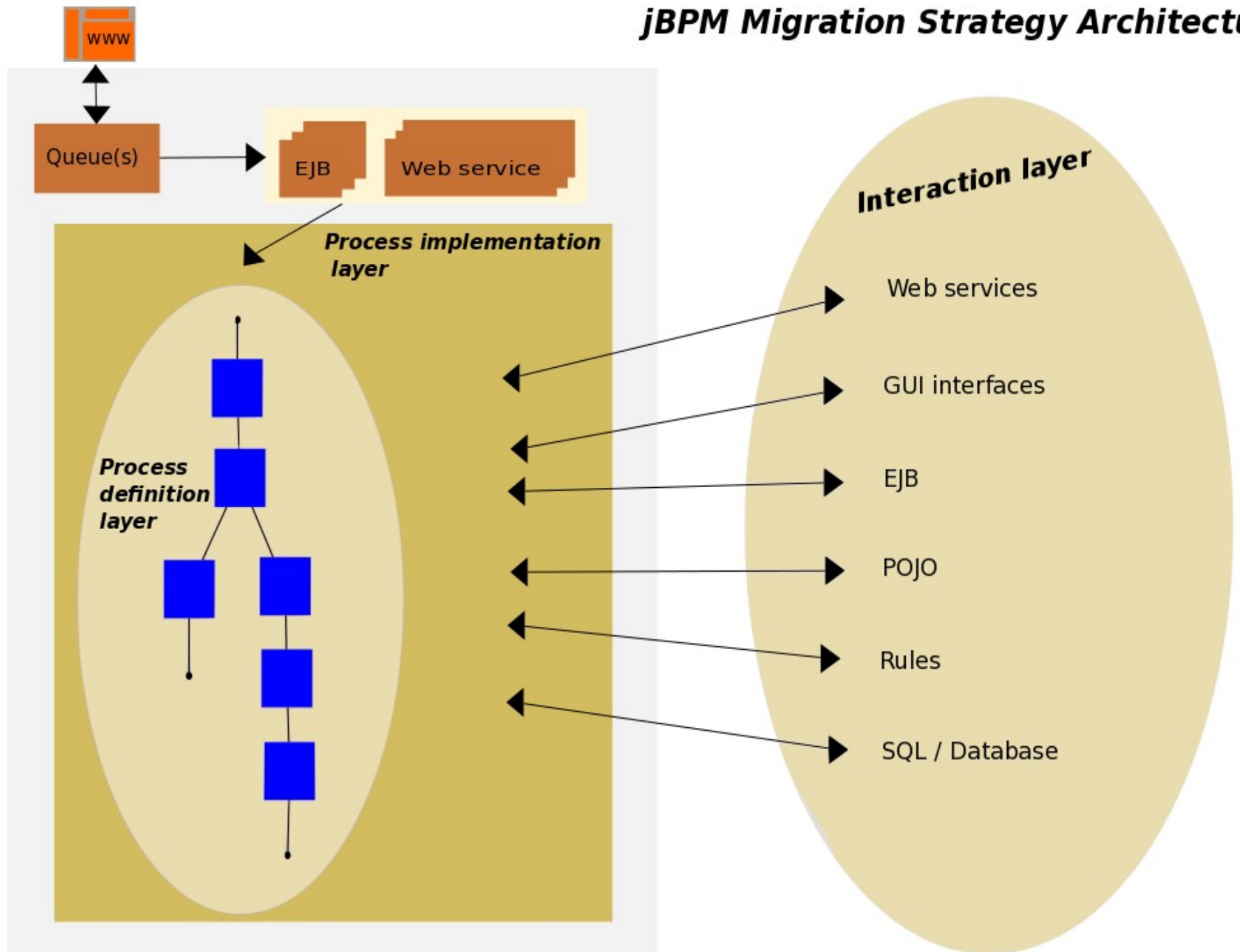
JBoss Users & Developers Conference

2010:Berlin

Ducks in a row?



jBPM Migration Strategy Architecture



What about us?

jPDL != BPMN



**The first
step...**



JUDCon

JBoss Users & Developers Conference

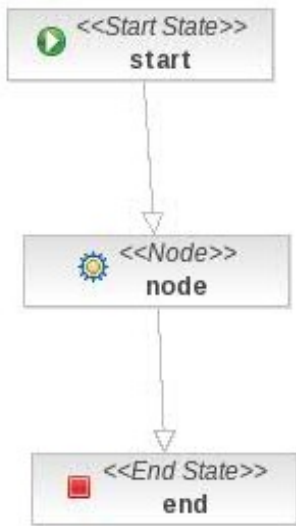
Boston:2011

jBPM Migration Tool

No one is left behind...



Historical migration...



ProcessTransformerTest.java | jpd13-bpmn2.xml | Jpd13SingleNodeTest.java | BpmnValidatorTest.java | *process_migration.bpmn

Select
Marquee
Sequence Flow

Components

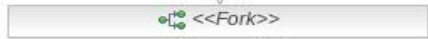
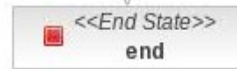
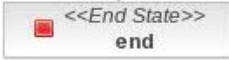
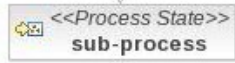
- Start Event
- End Event
- Rule Task
- Gateway [diverge]
- Gateway [converge]
- Reusable Sub-Process
- Script Task

```
graph TD; Start(( )) --> Node(node); Node --> End(( ))
```

Problems | Javadoc | Declaration | Console | JUnit | Properties | Servers | History

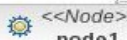
```
<terminated> jpd13bpmn [XSL] /home/erics/java/jre1.6.0_23/bin/java (Jan 25, 2011 4:17:45 PM)
16:17:45,530 INFO [main] Main - javax.xml.transform.TransformerFactory=org.apache.xalan.processor.TransformerFactoryImpl
16:17:45,532 INFO [main] Main - java.endorsed.dirs=/home/erics/workspace/jbpm_projects/.metadata/.plugins/org.eclipse.wst.xml.jaxp.launching/endorsec
16:17:45,534 INFO [main] Main - launchFile: /home/erics/workspace/jbpm_projects/.metadata/.plugins/org.eclipse.wst.xml.jaxp.launching/launch/launch.>
16:17:45,864 INFO [main] JAXPSAXProcessorInvoker - Transforming...
16:17:45,879 INFO [main] JAXPSAXProcessorInvoker - Done.
```

Bigger steps...

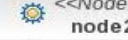


to node1

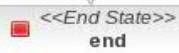
to node2

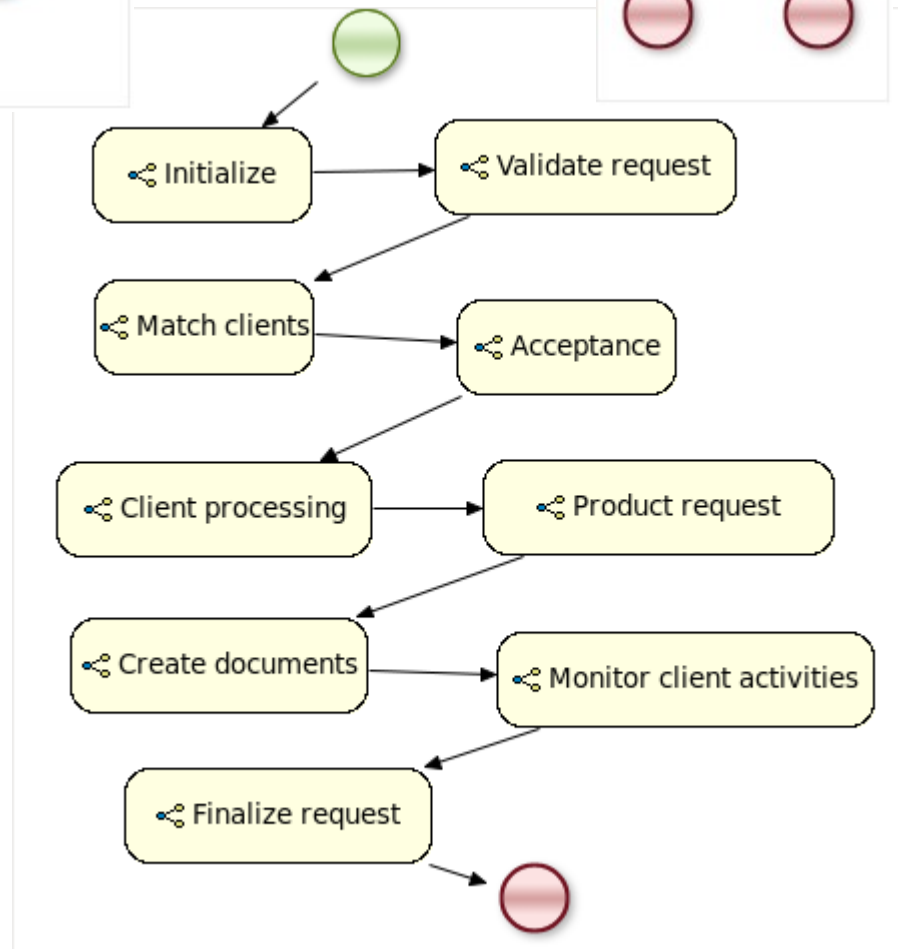
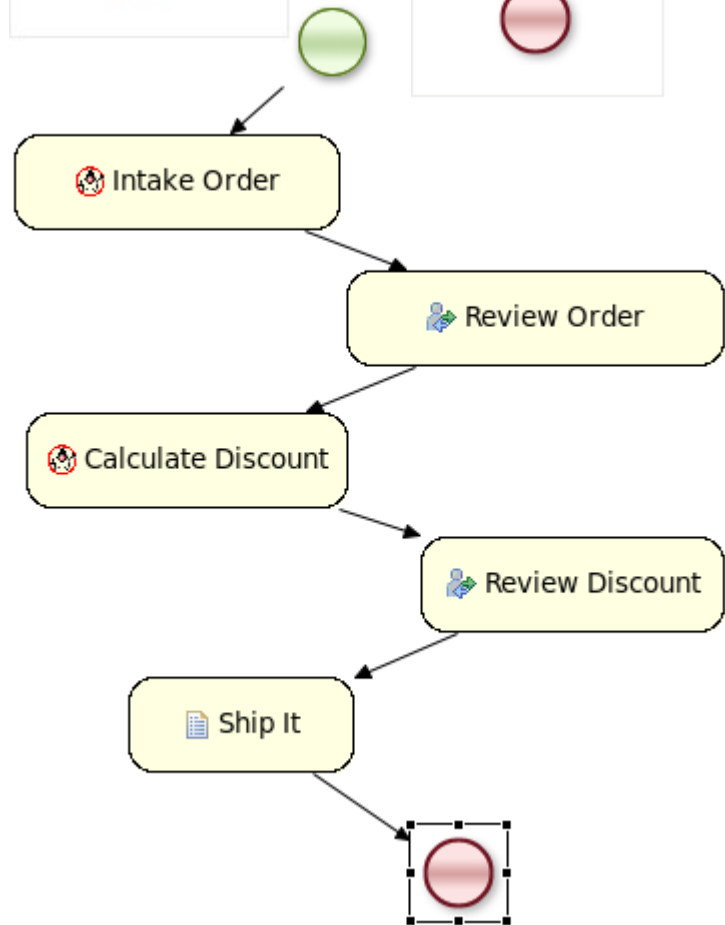
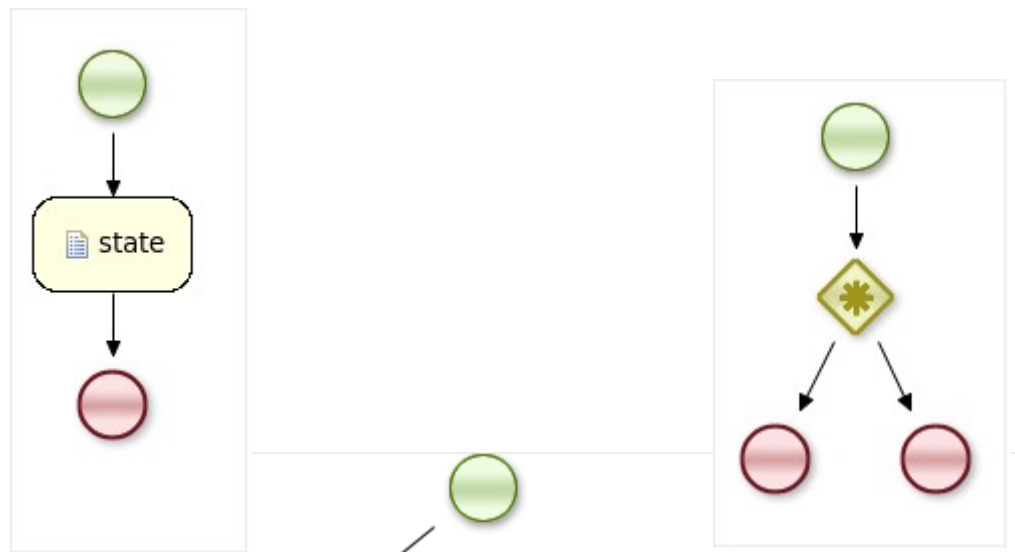
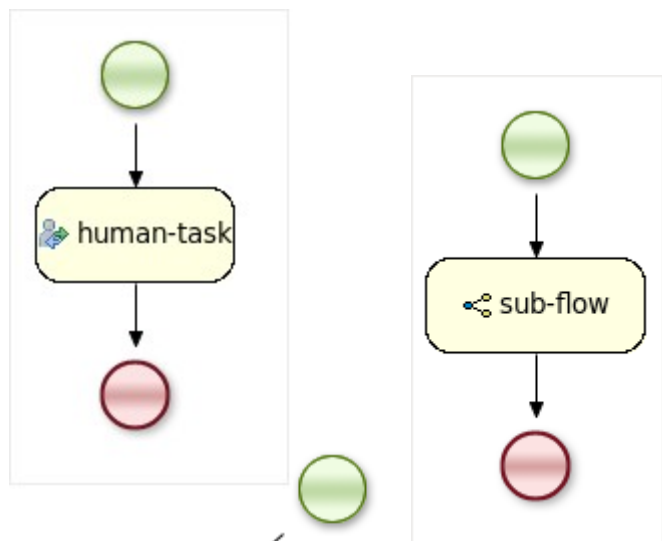


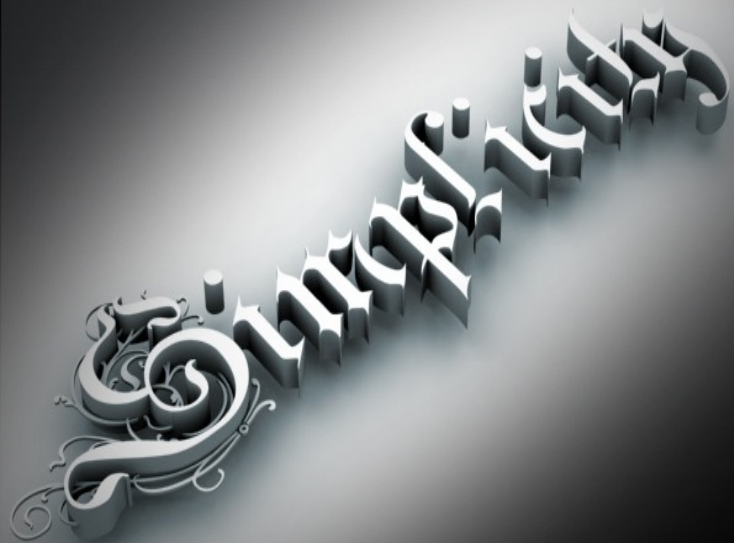
`<<Node>> node1`



`<<Node>> node2`



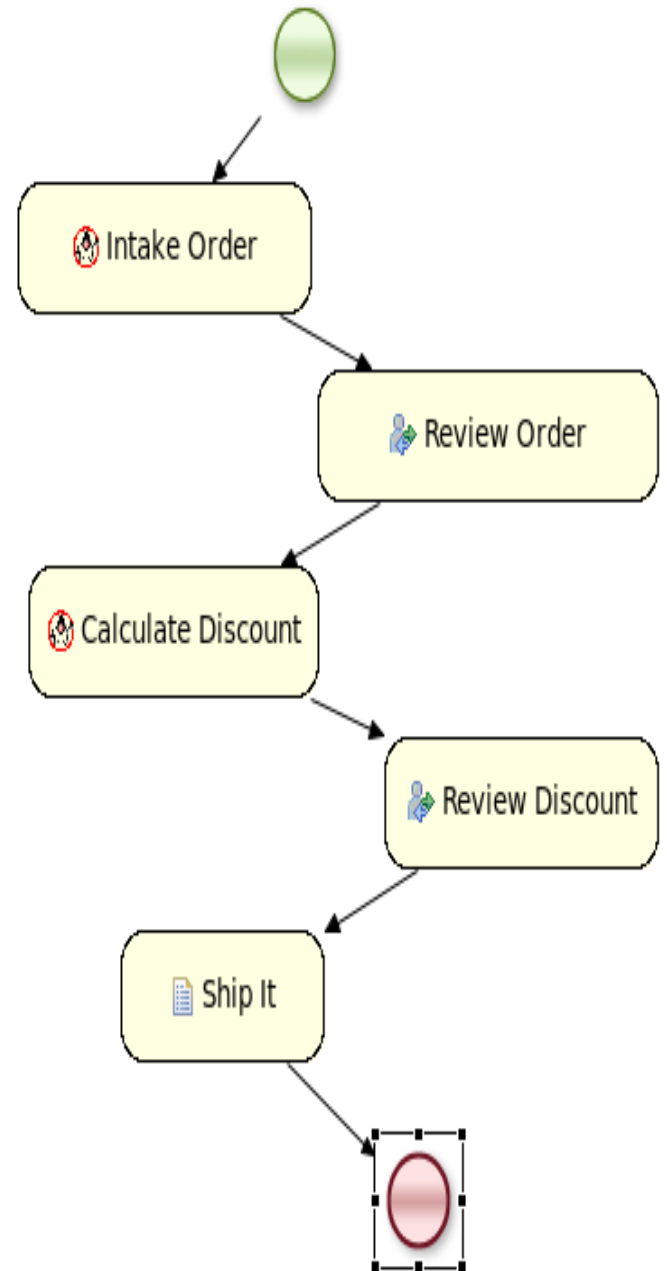


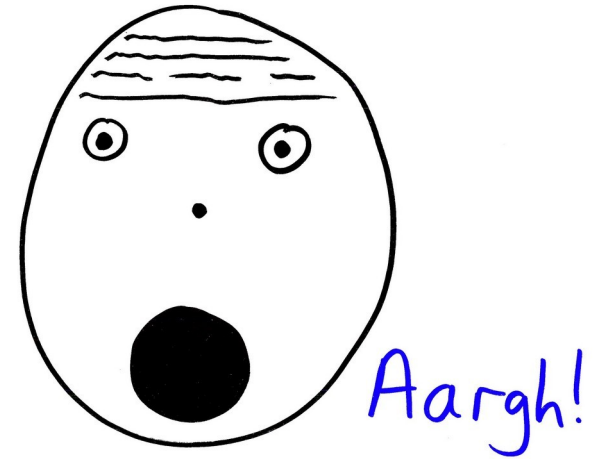
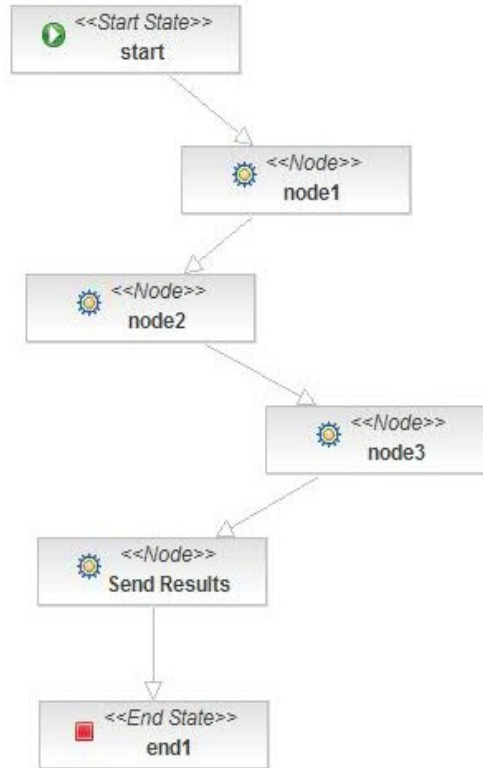
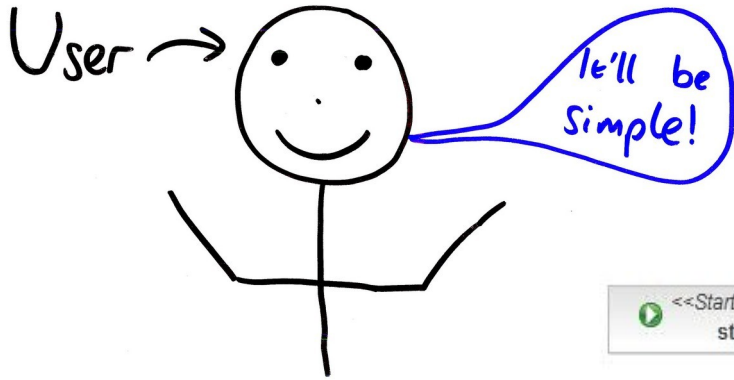


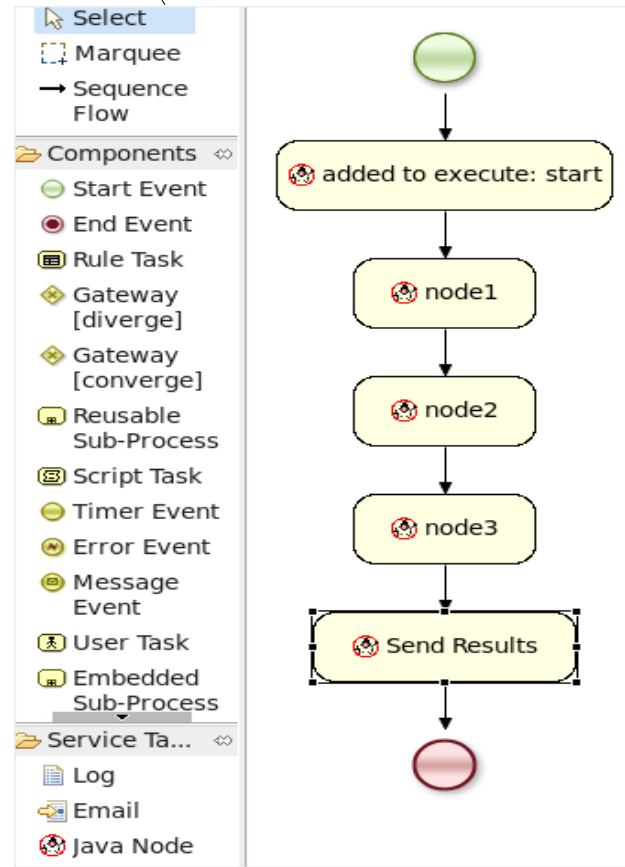
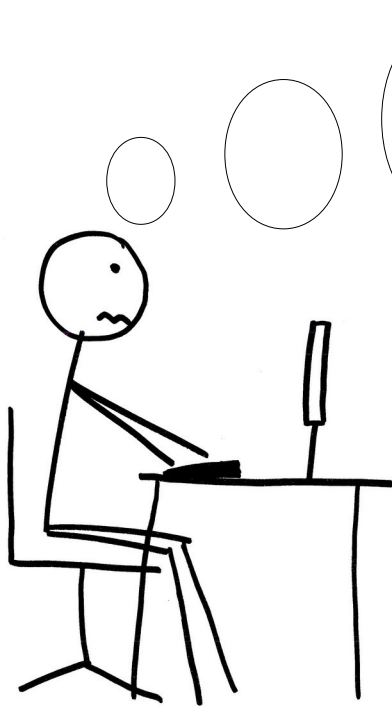
- Select
- Marquee
- Sequence Flow

Components

- Start Event
- End Event
- Rule Task
- Gateway [diverge]
- Gateway [converge]
- Reusable Sub-Process
- Script Task
- Timer Event
- Error Event
- Message
- Service Ta...
- Log
- Email
- Java Node







Moving forward...



Welcome to the family...





Welcome to the jBPM Migration in the Cloud!

Do you have your ducks in a row?

Upload jBPM 3.2 Process Definition:

This site allows you to test the latest published version of the jBPM Migration Tool which will transform your jBPM 3.2 process definition into a validated BPMN2 process definition. Be warned that there is currently very little error checking in this web tool, so should you have problems please feel free to contact us through the project at [Drools jBPM Github](#) or [raise an issue](#) for us. Don't forget to attach your process definition!

If you are looking for a working test process that will convert to BPMN2, you can download [this one](#) from our test suite and upload it.

Select a file to upload:

OpenShift Howto

```
# Running on OpenShift.
# Create an account at http://openshift.redhat.com/
#
# Create a jbossas-7.0 application
#
$ rhc-create-app -l $username -a jbpmmigration -t jbossas-7.0

# Add this upstream openshift-jbpmmigration repo.
#
$ cd jbpmmigration
$ git remote add upstream -m master
git://github.com/eschabell/openshift-jbpmmigration.git
$ git pull -s recursive -X theirs upstream master

# Then push the repo upstream.
#
$ git push
```

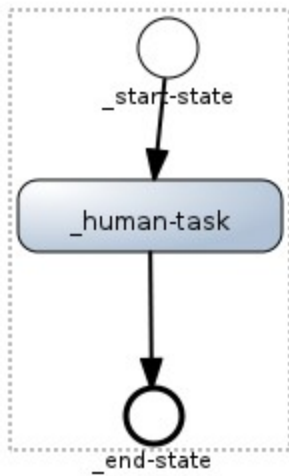
**There's
more?**



- ### Shape Repository
- jBPM BPMN2**
 - Activities
 - Task
 - Collapsed Subprocess
 - Embedded Subprocess
 - AdHoc Subprocess
 - Artifacts
 - Catching Intermediate Events
 - Connecting Objects
 - Data Objects
 - End Events
 - Gateways
 - Start Events
 - Swimlanes
 - Throwing Intermediate Events



- ### Shape Repository
- jBPM BPMN2**
 - Activities
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Web Designer

```
# Running on OpenShift.  
# Create an account at http://openshift.redhat.com/  
#  
# Create a jbossas-7.0 application  
#  
$ rhc-create-app -l $username -a editor -t jbossas-7.0  
  
# Add this upstream openshift-jbpm migration repo.  
#  
$ cd editor  
$ git remote add upstream -m master  
git://github.com/eschabell/openshift-jbpm migration.git  
$ git pull -s recursive -X theirs upstream master  
  
# Then push the repo upstream.  
#  
$ git push
```



- **jbPM migration strategies:**

<http://www.schabell.org/2010/03/jbpm-migration-strategies-introduction.html>

- **Migration tool project:**

<https://github.com/droolsjbpm/jbpmmigration>

- **Migration story JUDCon 2010:**

<http://www.schabell.org/2010/10/judcon-2010-berlin-get-your-bpm-ducks.html>

- **Migration project update JUDCon 2011:**

<http://www.schabell.org/2011/05/judcon-2011-jbpm-migration-tooling-no.html>

- **Github migration collection:**

<http://www.github.com/eschabell>