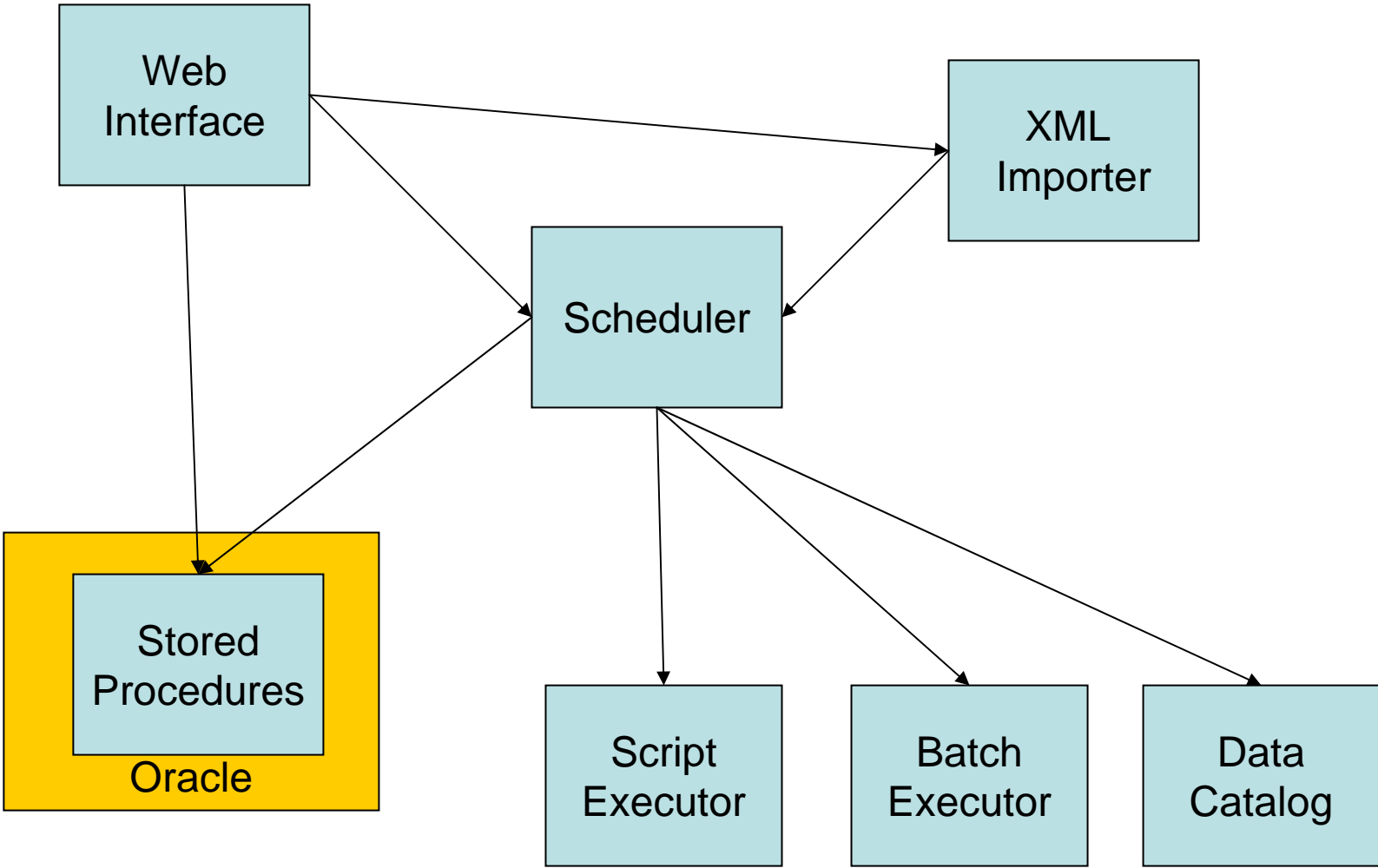


# Pipeline II Status

## April 28 2006

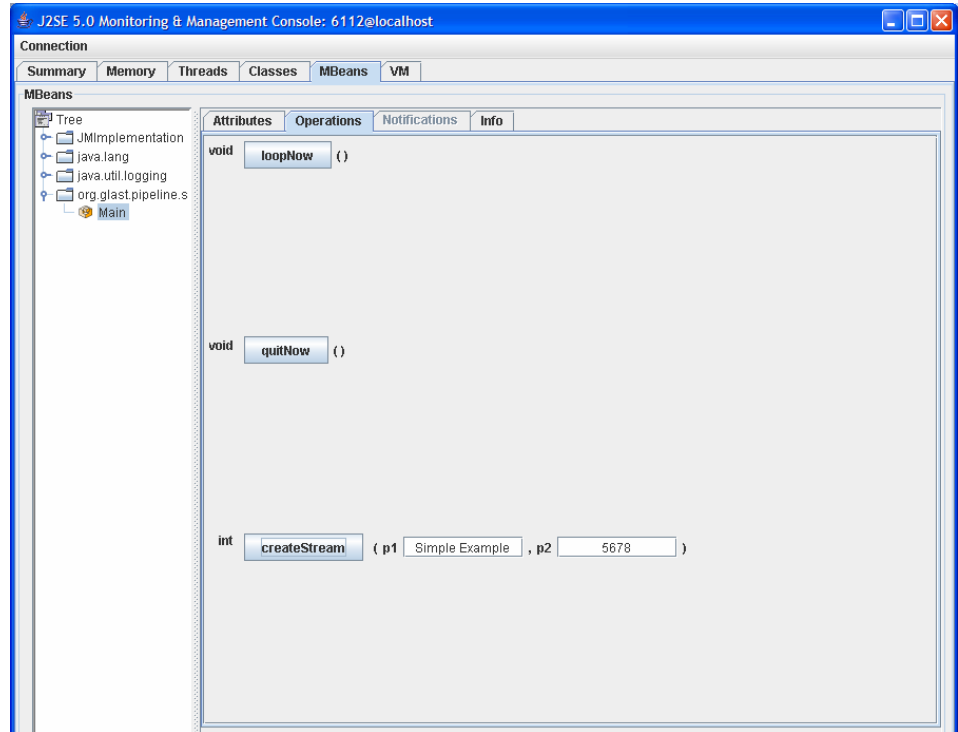
Dan Flath, Karen Heidenreich,  
Tony Johnson,  
Igor Pavlin

# Pipeline II Components



# “Demo”

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <pipeline
3   xmlns="http://glast-ground.slac.stanford.edu/pipeline"
4   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
5   xsi:schemaLocation="http://glast-ground.slac.stanford.
6 <task>
7   <name>Simple Example</name>
8   <version>
9     <major>1</major>
10    <minor>0</minor>
11  </version>
12  <type>Data</type>
13  <notation>Just Testing</notation>
14  <prerequisites>
15    <prerequisite></prerequisite>
16  </prerequisites>
17  <process name="step1" type="script">
18    <notation>Simple Example Step 1</notation>
19    <script language="python">
20      <![CDATA[print "Hello from Step1"]]>
21    </script>
22  </process>
23
24  <process name="step2" type="script">
25    <notation>Simple Example Step 1</notation>
26    <script language="python">
27      <![CDATA[print "Hello from Step2"]]>
28    </script>
29    <depends>
30      <after process="step1"/>
31    </depends>
32  </process>
33 </task>
34 </pipeline>
```



J2SE 5.0 Monitoring & Management Console: 6112@localhost

Connection

Summary Memory Threads Classes MBeans VM

MBeans

Tree

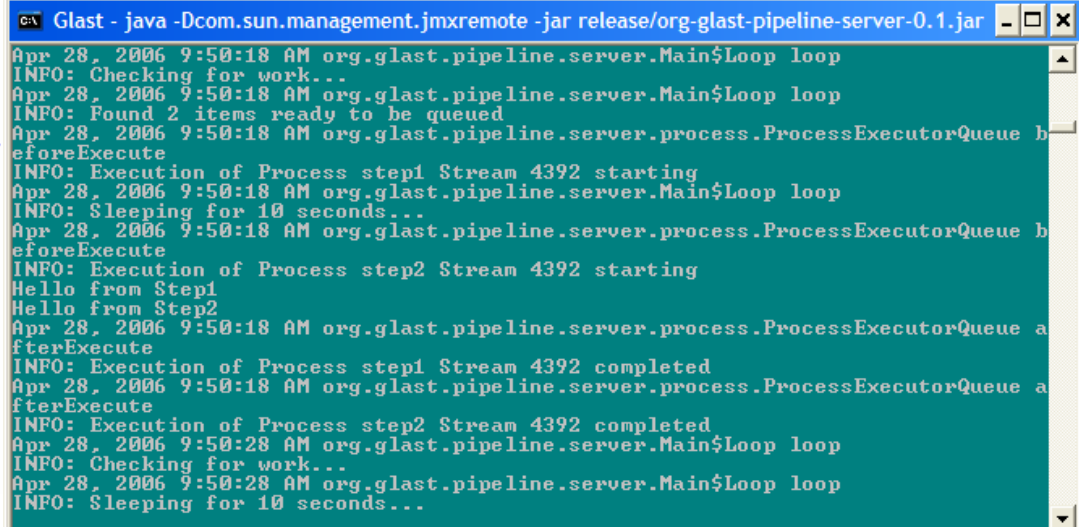
- JMImplementation
- java.lang
- java.util.logging
- org.glast.pipeline.s
  - Main

Attributes Operations Notifications Info

void loopNow ()

void quitNow ()

int createStream ( p1 Simple Example , p2 5678 )



```
Glant - java -Dcom.sun.management.jmxremote -jar release/org-glast-pipeline-server-0.1.jar
Apr 28, 2006 9:50:18 AM org.glast.pipeline.server.Main$Loop loop
INFO: Checking for work...
Apr 28, 2006 9:50:18 AM org.glast.pipeline.server.Main$Loop loop
INFO: Found 2 items ready to be queued
Apr 28, 2006 9:50:18 AM org.glast.pipeline.server.process.ProcessExecutorQueue beforeExecute
INFO: Execution of Process step1 Stream 4392 starting
Apr 28, 2006 9:50:18 AM org.glast.pipeline.server.Main$Loop loop
INFO: Sleeping for 10 seconds...
Apr 28, 2006 9:50:18 AM org.glast.pipeline.server.process.ProcessExecutorQueue beforeExecute
INFO: Execution of Process step2 Stream 4392 starting
Hello from Step1
Hello from Step2
Apr 28, 2006 9:50:18 AM org.glast.pipeline.server.process.ProcessExecutorQueue afterExecute
INFO: Execution of Process step1 Stream 4392 completed
Apr 28, 2006 9:50:18 AM org.glast.pipeline.server.process.ProcessExecutorQueue afterExecute
INFO: Execution of Process step2 Stream 4392 completed
Apr 28, 2006 9:50:28 AM org.glast.pipeline.server.Main$Loop loop
INFO: Checking for work...
Apr 28, 2006 9:50:28 AM org.glast.pipeline.server.Main$Loop loop
INFO: Sleeping for 10 seconds...
```

# Status

- Current
  - SQL Schema – mostly done
  - Stored Procedures – 50% done
  - XML Schema/Importer – mostly done
  - Scheduler – core functionality in place
- Next Steps (May)
  - Complete handling of conditions and variables
  - Set up web interface
  - Set up batch interface
  - Start thinking about data catalog
  - Meet with SLAC/Oracle group to discuss tools/issues/performance
- June
  - Start serious testing
  - Implement data catalog
  - Add bells and whistles
- You can track our progress at:
  - <https://confluence.slac.stanford.edu/display/ds/Pipeline+II+Java+code>

# Database Schema

