

Point your browser at <http://localhost:9700/BPELConsole> to view the **Oracle BPEL Console**. You should see several deployed processes there.

Oracle BPEL Console v2.0 - Microsoft Internet Explorer

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Address <http://localhost:9700/BPELConsole/index.jsp>

ORACLE BPEL Console Manage BPEL Domain | Logout | Support

Dashboard | **BPEL Processes** | Instances | Activities

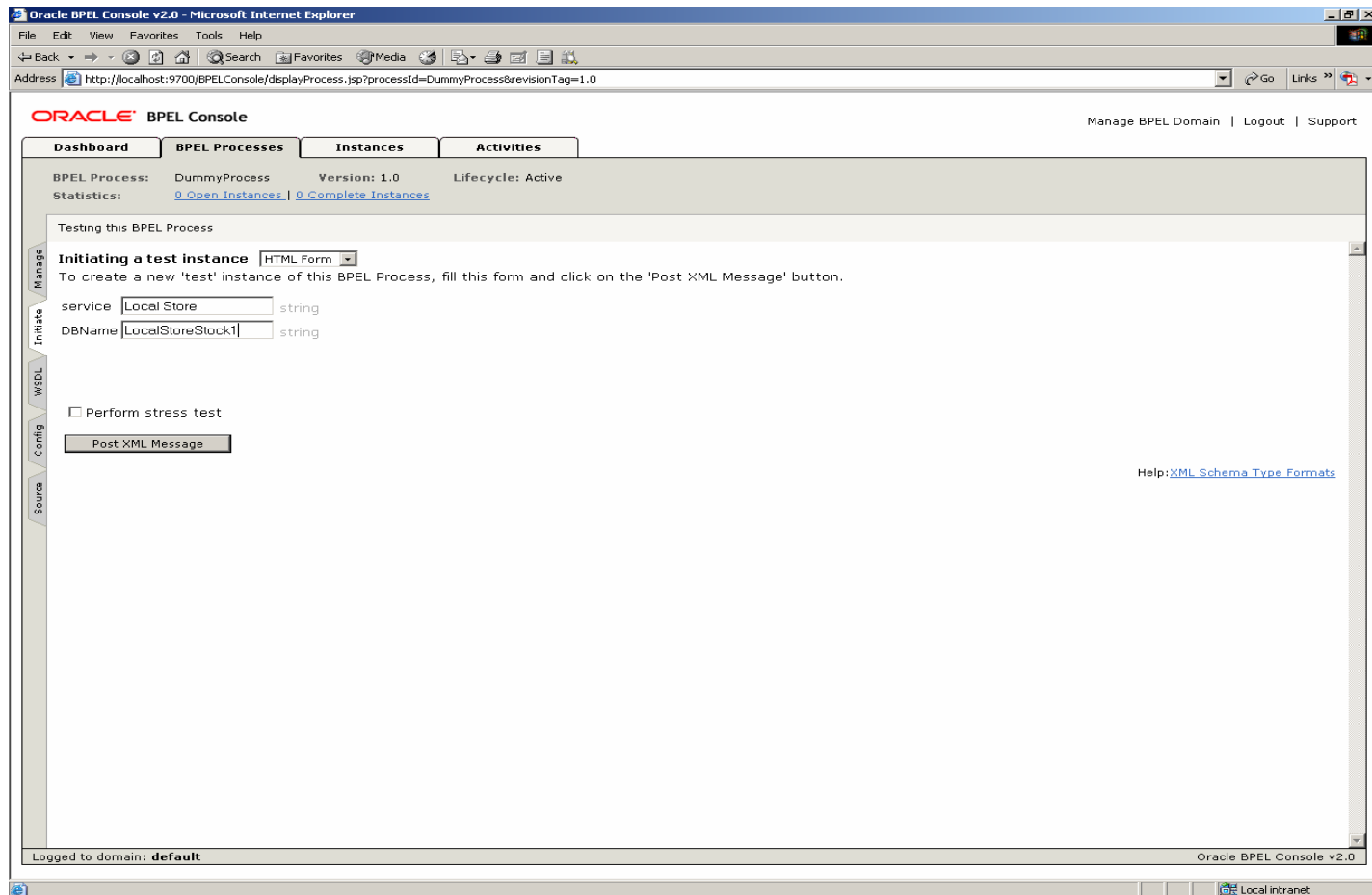
Deployed BPEL Processes	In-Flight BPEL Process Instances		
Name	Instance	BPEL Process	Last Modified ↑
CentralStore			
DummyProcess			
LocalStore			
Supplier			
TaskManager			

Logged to domain: **default** Oracle BPEL Console v2.0

Select The **DummyProcess** link and fill in the form data as shown in figure, entering the name of the service to be invoked, and the name of the database.

If the service invoked is the Local Store, the DBName represents the name of the stock of the Local Store that has to be queried before sending an order to the Central Store; in case of Central Store invocation, the DBName identifies the stock of the Supplier to which the Central Store will send the order, to refill its stock.

Then click the Post XML Message button.



You will see a message that the **Dummy Process** instance has been created and processed asynchronously. You can view the visual flow (graphical audit trail), audit the instance (view the text audit trail) or debug the instance.

The screenshot shows the Oracle BPEL Console v2.0 interface in a Microsoft Internet Explorer browser window. The address bar shows the URL: <http://localhost:9700/BPELConsole/displayProcess.jsp>. The page title is "ORACLE BPEL Console".

The interface has a navigation menu with tabs: **Dashboard**, **BPEL Processes**, **Instances** (selected), and **Activities**. In the top right corner, there are links for "Manage BPEL Domain", "Logout", and "Support".

The main content area displays the following information:

- BPEL Process:** DummyProcess
- Version:** 1.0
- Lifecycle:** Active
- Statistics:** [0 Open Instances](#) | [0 Complete Instances](#)

A message states: "Test Instance Initiated". Below this, it says: "Instance '5d94a5ef5070ad2c:858bf1:101f29b73d6:-7fe6' is being processed asynchronously." and "For more information:".

Three icons are provided for further actions:

- Flow:** A diagram icon with the link [Visual Flow](#) below it.
- Audit:** A document icon with the link [Audit Instance](#) below it.
- Debug:** A document icon with the link [Debug Instance](#) below it.

At the bottom of the main content area, it says: "Click [here](#) to initiate another test instance."

The footer of the page shows "Logged to domain: default" on the left and "Oracle BPEL Console v2.0" on the right. The browser's status bar at the very bottom shows "Local intranet".

Other instances have been created and processed, during the execution:

- ✓ an instance of the **Local Store** process
- ✓ an instance of the **Central Store** process

The screenshot shows the Oracle BPEL Console v2.0 interface in a Microsoft Internet Explorer browser. The address bar shows the URL: http://localhost:9700/BPELConsole/instances.jsp. The console has a navigation menu with tabs for Dashboard, BPEL Processes, Instances, and Activities. The 'Instances' tab is selected, displaying a 'List of BPEL Process Instances 1 - 3'. On the left, there is a 'Locate Instances' section with search filters for Instance ID#, Title, Priority, BPEL Process (set to 'All Processes'), Creation Date (set to 'All Times'), and State (set to 'All States'). Below the search filters are 'Related Tasks' links for 'Archive Instances' and 'Purge All Instances'. The main table lists three instances:

Instance	BPEL Process	Last Modified ↑
✓ 3613 : Instance #3613 of DummyProcess	DummyProcess (v. 1.0)	2005-02-08 18:05:06.468
✓ 3614 : Instance #3614 of LocalStore	LocalStore (v. 1.0)	2005-02-08 18:05:06.281
✓ 3615 : Instance #3615 of CentralStore	CentralStore (v. 1.0)	2005-02-08 18:05:05.953

At the bottom of the console, it shows 'Logged to domain: default' and 'Oracle BPEL Console v2.0'. The browser's status bar at the very bottom indicates 'Local intranet'.

Select the Visual Flow link of the **Local Store** instance and you will see a graphical representation of the current state of the instance itself.

The screenshot displays the Oracle BPEL Console v2.0 interface within a Microsoft Internet Explorer browser window. The browser's address bar shows the URL: `http://localhost:9700/BPELConsole/displayInstance.jsp?referenceId=bpel://localhost/default/LocalStore~1.0/3614&mode=flow`. The console's main navigation tabs include Dashboard, BPEL Processes, Instances, and Activities. The current view is for Instance #3614 of LocalStore, with a Reference Id of `bpel://localhost/default/LocalStore~1.0/3614` and a BPEL Process of `LocalStore (v. 1.0)`. The instance's state is 'closed.completed' and its priority is 0. The last modified date is 2005-02-08 18:05:06.281. A vertical sidebar on the left offers navigation options: Manage, Flow, Audit, Debug, Activities, and Transac. The main content area, titled 'Visual representation of the history of this BPEL business flow', shows a flow diagram. The flow starts with an 'exec' activity, followed by a 'Switch' activity. A dashed box encloses the subsequent 'Assign' activity, an 'invoke' activity for 'CentralStore (requestProduct)', another 'Switch' activity, and a final 'exec' activity. The flow concludes with an 'Assign' activity. A timestamp '[As of 2/8/05 6:09 PM]' and a 'Refresh View' link are present in the top right of the diagram area. The footer of the console indicates the user is logged to the 'default' domain and the version is 'Oracle BPEL Console v2.0'. The browser's status bar at the bottom shows 'Done. 31 entries rendered.' and 'Local Intranet'.

Select the Audit tab along the left hand side of the screen to text the audit trail. In this case you can see all data and messages exchanged with the services invoked by this flow (click on “More..” links).

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Address <http://localhost:9700/BPELConsole/displayInstance.jsp?referenceId=bpel://localhost/default/LocalStore~1.0/3614&mode=audit>

ORACLE BPEL Console Manage BPEL Domain | Logout | Support

Dashboard | **BPEL Processes** | **Instances** | **Activities**

Title: Instance #3614 of LocalStore
Reference Id: bpel://localhost/default/LocalStore~1.0/3614
BPEL Process: [LocalStore \(v. 1.0\)](#)
Last Modified: 2005-02-08 18:05:06.281
State: closed,completed
Priority: 0

Audit trail of this BPEL instance | [View Raw XML](#) [As of 2/8/05 6:11 PM] [Refresh View](#)

Assign
[2005/02/08 18:05:05] Updated variable "productRequest" [More...](#)
[2005/02/08 18:05:05] Updated variable "productRequest" [More...](#)

exec
[2005/02/08 18:05:05] bpelx:exec executed

<switch>

<sequence>

Assign
[2005/02/08 18:05:05] Updated variable "productRequest" [More...](#)

CentralStore (requestProduct)
[2005/02/08 18:05:06] Invoked 2-way operation "requestProduct" on partner "CentralStore". [Less](#)

```
<messages>
<productRequest>
<part xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance" name="DBName">
<DBName xmlns="http://ourExamples.demo.com">CentralStoreStock</DBName>
</part>
<part xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance" name="order">
<ProductRequest xmlns="http://ourExamples.demo.com">
<productId>A111</productId>
<quantity>5</quantity>
</ProductRequest>
</part>
</productRequest>
<productResponse>
<part xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance" name="response">
<ProductResponse xmlns="http://ourExamples.demo.com">
<response>true</response>
</ProductResponse>
</part>
</productResponse>
</messages>
```

<switch>

<sequence>

exec
[2005/02/08 18:05:06] bpelx:exec executed

</sequence>

</switch>

Logged to domain: **default** Oracle BPEL Console v2.0

Done. 31 entries rendered. Local intranet

Select the Visual Flow link of the **Central Store** instance to see a graphical representation of the current state of the instance itself.

The screenshot displays the Oracle BPEL Console v2.0 interface within a Microsoft Internet Explorer browser window. The browser's address bar shows the URL: `http://localhost:9700/BPELConsole/displayInstance.jsp?referenceId=bpel://localhost/default/CentralStore~1.0/3615&mode=flow`. The console's main header includes the Oracle logo, the text "BPEL Console", and navigation links for "Manage BPEL Domain", "Logout", and "Support".

The interface features a tabbed menu with "Dashboard", "BPEL Processes", "Instances", and "Activities". The "Instances" tab is active, showing details for Instance #3615 of CentralStore. The details include: Reference Id: `bpel://localhost/default/CentralStore~1.0/3615`, BPEL Process: [CentralStore \(v. 1.0\)](#), Last Modified: 2005-02-08 18:05:05.953, State: closed.completed, and Priority: 0.

Below the details is a section titled "Visual representation of the history of this BPEL business flow" with a timestamp "[As of 2/8/05 6:13 PM]" and a "Refresh View" link. A vertical sidebar on the left contains navigation options: "Manage", "Flow", "Audit", "Debug", "Activities", and "Transac.". The main flow diagram consists of the following steps:

- message**: LocalStore (requestProduct) - A blue gear icon with a pink arrow pointing to it.
- assign**: Assign - An orange document icon.
- exec**: exec - A blue coffee cup icon.
- Switch**: A diamond-shaped icon with a question mark.
- assign**: isAvailable - An orange document icon, enclosed in a dashed rectangular box.
- reply**: LocalStore - A blue gear icon with a green arrow pointing to the right.
- exec**: exec - A blue coffee cup icon.

At the bottom of the console, it states "Logged to domain: default" and "Oracle BPEL Console v2.0". The browser's status bar at the very bottom shows "Done. 25 entries rendered." and "Local intranet".

Select the Audit tab along the left hand side of the screen to test the audit trail.

The screenshot displays the Oracle BPEL Console v2.0 interface in a Microsoft Internet Explorer browser window. The address bar shows the URL: `http://localhost:9700/BPELConsole/displayInstance.jsp?referenceId=bpel://localhost/default/CentralStore~1.0/3615&mode=audit`. The main content area is titled "Audit trail of this BPEL instance" and shows a detailed log of events for instance #3615 of the CentralStore process. The audit trail is structured as follows:

- LocalStore (requestProduct)**
 - [2005/02/08 18:05:05] Received "productRequest" call from partner "LocalStore" [Less](#)
 - <productRequest>
 - <part xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance" name="DBName">
 - <DBName xmlns="http://ourExamples.demo.com">CentralStoreStock</DBName>

- Assign**
- [2005/02/08 18:05:05] Updated variable "productResponse" [More...](#)
- [2005/02/08 18:05:05] Updated variable "available" [More...](#)
- exec**
- [2005/02/08 18:05:05] bpelx:exec executed
- switch**
- isAvailable**
 - [2005/02/08 18:05:05] Updated variable "productResponse" [More...](#)
- LocalStore**
 - [2005/02/08 18:05:05] Reply to partner "LocalStore". [Less](#)
 - <productResponse>
 - <part xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance" name="response">
 - <ProductResponse xmlns="http://ourExamples.demo.com">
 - <response>true</response>
- exec**
- [2005/02/08 18:05:05] bpelx:exec executed