

***Proposed ESB Tooling
Wizard Enhancements***

New Service Wizard

New Service Wizard - Start

The screenshot shows the JBoss IDE interface. The main window is titled "JBoss ESb Editor" and displays the configuration for "jboss-esb.xml". The "Services" folder is selected in the tree view, and a context menu is open with "New Service" highlighted. A blue callout box points to the "New Service" option with the text "Right-click on service and select 'New Service'".

File Edit Navigate Search Project Run Window Help

Proj Hiera JmsUtil.java ServerSessionEndpoint jboss-esb.xml jboss-esb.xml

JBoss ESb Editor

▼ jboss-esb

- ▼ jboss-esb.xml
 - Providers
 - Services**

▼ Services

Name
service
router

Add...
Remove...
Edit...
Up
Down

Tree Source

Problems Tasks Properties Servers Cons

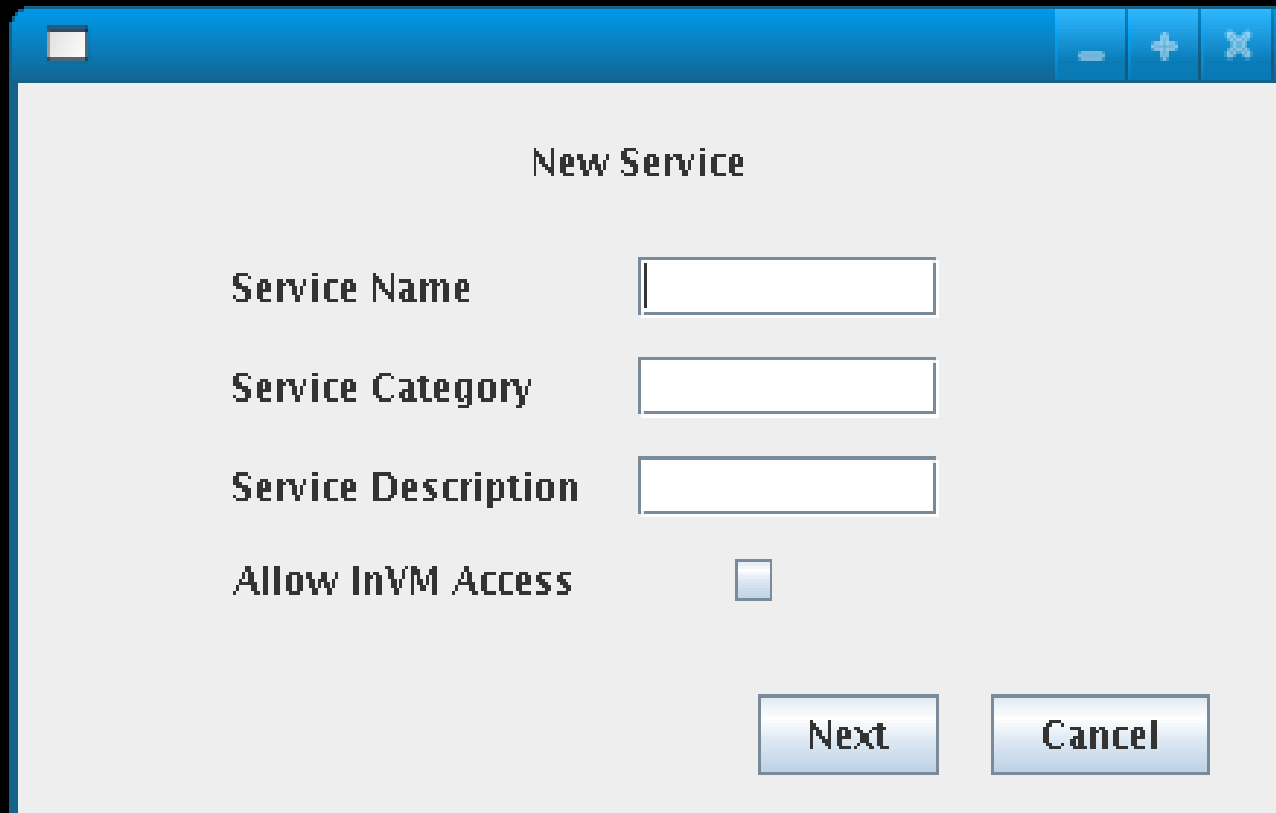
Server

- JBoss Application Server 4.2
- SOA-P 4.3 Runtime - All Configuration Server

Writable Smart Insert 1 : 1

New Service Wizard

Step 1 (basics)



The image shows a Windows-style dialog box titled "New Service". It has a blue title bar with standard window controls (minimize, maximize, close). The dialog contains four input fields and a checkbox, followed by "Next" and "Cancel" buttons.

New Service

Service Name

Service Category

Service Description

Allow InVM Access

Next Cancel

New Service Wizard

Step 2 (configure listeners)

The screenshot shows the 'New Service - Listeners' window. On the left, under 'Available Listeners:', there is a list box containing 'Listener 1', 'Listener 2', and 'Listener 3'. Below this list is a table with columns 'Listener', 'Is Gateway', and 'Action'. The table contains three rows: 'Http Gateway #1', 'JMS Gateway #2', and 'JMS Gateway #3', each with a checkbox in the 'Is Gateway' column and 'Remove' in the 'Action' column. To the right of the list box are 'Add' and 'Create New' buttons. Below the table are 'Next' and 'Cancel' buttons. A callout box points to the list box with the text 'Providers that are already defined'. A second callout box points to the 'Create New' button with the text 'Creates a new provider'. The 'New Listener' dialog is open, showing 'Listener Type' set to 'File'. It has input fields for 'Name:', 'Directory:', 'Number of Threads:', 'Interval:', and 'Input Suffix:'. A callout box points to the 'Number of Threads:' field with the text '2'. At the bottom of the dialog is the text '[Add every other available property]' and 'Next' and 'Cancel' buttons. A large callout box at the bottom of the image contains the text: 'List every type of listener and when a particular listener type is selected, show ALL properties that can be set on that listener.'

Providers that are already defined

Creates a new provider

1

2

List every type of listener and when a particular listener type is selected, show ALL properties that can be set on that listener.

Listener	Is Gateway	Action
Http Gateway #1	<input type="checkbox"/>	Remove
JMS Gateway #2	<input type="checkbox"/>	Remove
JMS Gateway #3	<input type="checkbox"/>	Remove

New Service Wizard

Step 3 (configure actions)

New Service - Actions

Action Type:

- Print Line
- Http Router
- CBR

Add 1

Action Name	
Print Line	remove -- up -- down
HttpRouter	remove -- up -- down
Print Line #2	remove -- up -- down

Finish Cancel

New Action

Action Type: HTTP Router

Name:

Method:

Mapped Header List:

[Include every other possible option as well. If the tooling developers don't know all the options, neither will the customers.]

2

Next Cancel

List every type of action (including custom) and when a particular action type is selected, show ALL properties that can be set on that action – if we can't figure out all the options, customers won't either..

New Service Wizard - Completion

The screenshot displays the JBoss ESb Editor interface. The main workspace shows the configuration for a service named 'service' under the 'jboss-esb.xml' file. A blue callout box with the text 'Service now created.' points to the 'service' entry in the tree view.

The configuration details for the 'service' are as follows:

- Description: description
- Properties:

Name	Value
maxThreads	50
- Advanced:
 - Invn Scope: GLOBAL

The Properties table is shown below:

Name	Value
maxThreads	50

The Advanced section shows the Invn Scope set to GLOBAL.

The bottom status bar indicates the current file is 'HttpGatewayRouter.java' and the cursor is at line 4, column 263. The status is 'Writable' and 'Smart Insert' is enabled.

New Listener Wizard

New Listener Wizard - Start

Web Development - /home/apestel/Products/jbdevstudio_2.0.0.CR1/portland_workspace/SmeEsbProject/esbcontent/META-INF

File Edit Navigate Search Project Run Window Help

HttpGatewayRouter.java jboss-esb.xml HttpGatewayRouter.java jboss-esb.xml

JBoss ESB Editor

Providers

Listeners

Actions

router

Service

Name: service

Category: aaron

Description:

Property	Value
maxThreads	50

Advanced

Invm Scope: GLOBAL

Right-click on Providers or Listeners and select "New Listener"

Tree Source

Problems Tasks JBoss Server View

JBoss Application Server 4.2 [Stopped]

SOA-P 4.3 Runtime - All Configuration Server [Started, Synchronized]

Writable Smart Insert 4 : 263

New Listener Wizard

Step 1

List every type of listener and when a particular listener type is selected, show ALL properties that can be set on that listener.

Add "Is Gateway" checkbox if wizard was started from "Listeners" folder instead of "Providers" folder.

New Listener

Listener Type: File

Name:

Directory:

Number of Threads:

Poll Interval:

Input Suffix:

[Add every other available property]

Finish Cancel

New Action Wizard

New Action Wizard - Start

The screenshot shows the JBoss ESB Editor interface. The main workspace displays the configuration for a service named 'service'. The configuration includes a name, category, description, and a property named 'maxThreads' with a value of 50. The 'Advanced' section shows the 'Invm Scope' set to 'GLOBAL'. The 'Actions' folder in the tree view is highlighted, and a callout box points to it with the text 'New Action'. Another callout box points to the 'Actions' folder with the text 'Right-click on Actions and select "New Action"'. The 'Properties' table is as follows:

Name	Value
maxThreads	50

The 'Advanced' section shows the 'Invm Scope' set to 'GLOBAL'. The 'Properties' table is as follows:

Name	Value
maxThreads	50

The 'Advanced' section shows the 'Invm Scope' set to 'GLOBAL'. The 'Properties' table is as follows:

Name	Value
maxThreads	50

New Action Wizard

Step 1

New Action

Action Type: HTTP Router ▼

Name:

Method:

Mapped Header List:

[Include every other possible option as well. If the tooling developers don't know all the options, neither will the customers.]

Finish Cancel

New Action Wizard - Completion

The screenshot displays the JBoss ESb Editor interface. The main workspace shows the configuration for a service named 'service' within the 'jboss-esb.xml' file. The configuration is organized into sections: Service, Properties, and Advanced. The 'Service' section includes fields for Name (service), Category (aaron), and Description (description). The 'Properties' section contains a table with one entry: maxThreads with a value of 50. The 'Advanced' section shows the Invm Scope set to GLOBAL. In the tree view on the left, the 'After' action is highlighted under the 'HttpRouter' folder. A blue callout box with the text 'New action added' points to this 'After' action. The bottom status bar indicates the current file is 'HttpGatewayRouter.ja' and the cursor is at line 4, column 263.

Web Development - /home/apestel/Products/jbdevstudio_2.0.0.CR1/portland_workspace/SmeEsbProject/esbcontent/META-INF

File Edit Navigate Search Project Run Window Help

HttpGatewayRouter.ja jboss-esb.xml HttpGatewayRouter.ja jboss-esb.xml

JBoss ESb Editor

- ▼ jboss-esb
 - ▼ jboss-esb.xml
 - Providers
 - Services
 - ▼ service
 - maxThreads
 - Listeners
 - HttpGateway2
 - Actions
 - Before
 - HttpRouter
 - After
 - router

Service

Name: service

Category: aaron

Description: description

Properties

Name	Value
maxThreads	50

Advanced

Invm Scope: GLOBAL

Tree Source

Problems Tasks JBoss Server View

JBoss Application Server 4.2 [Stopped]

SOA-P 4.3 Runtime - All Configuration Server [Started, Synchronized]

Writable Smart Insert 4 : 263