ZK

Open Source Ajax + Mobile

Potix Corporation
www.zkoss.org
Ajax?

Interact with Humans

Real-time Auto completion

Drag and Move Around
How is it?

#1 Ajax on SourceForge.net
(Top10 OSS host 180,000 projects, including JBoss, eMule, BitTorrent...)

750,000 Downloads

193 Countries
ZK Advantages

- Simple
- Open
- Server-Centric
Simply High Productivity

ZK

Other Ajax

VS.

-cmpmplate 2009/09, 07:13:25
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resource-managers
<resource-manager>
    <jms-connector>
        <jms-server>
            <jms-url>
                <resource-ref>
                    <jms-connection-url>
                        <resource-ref/>
                    </jms-connection-url>
                </resource-ref>
            </jms-url>
        </jms-server>
    </jms-connector>
</resource-manager>

JMS resource example in JBoss-xml

In JBoss-xml, it would instead look like this:

Figure 7.35: Defining a remote JMS provider adapter in JBoss-xml (J.1.2)

-ebus-code.org.jboss.xmi: JMSProviderAdapter
  -name="ProviderAdapterTest1" org.jboss.jmx: JMSProviderAdapter
     -nameSpace="com.developers" org.jboss.jms: JMSProviderAdapter
-ebus-code.org.jboss.xmi: JMSProviderAdapter
  -name="ProviderAdapterTest2" org.jboss.jmx: JMSProviderAdapter
     -nameSpace="com.developers" org.jboss.jms: JMSProviderAdapter

You can also use a JMS resource adapter that uses the remote provider, as we have done before with JBoss-xml, and configures the adapter property JMSProviderAdapter to a newly defined remote provider "jms://remote:jms/"

Figure 7.36: Defining a remote JMS Resource Adapter in JBoss-xml (J.1.3)

-ebus-code.org.jboss.xmi: JMSResourceAdapter
  -name="ResourceAdapterTest1" org.jboss.jmx: JMSResourceAdapter
     -nameSpace="com.developers" org.jboss.jms: JMSResourceAdapter
  "jms://remote:jms/" org.jboss.jmx: JMSResourceAdapter
     -nameSpace="com.developers" org.jboss.jms: JMSResourceAdapter

In JBoss 2.4.x, it would instead look like this:

Figure 7.34: Defining a remote JMS provider adapter in JBoss-xml (J.1.4)

-ebus-code.org.jboss.xmi: JMSProviderAdapter
  -name="ProviderAdapterTest1" org.jboss.jmx: JMSProviderAdapter
     -nameSpace="com.developers" org.jboss.jms: JMSProviderAdapter
-ebus-code.org.jboss.xmi: JMSProviderAdapter
  -name="ProviderAdapterTest2" org.jboss.jmx: JMSProviderAdapter
     -nameSpace="com.developers" org.jboss.jms: JMSProviderAdapter

First you need to add two things to JBoss-xmi: The remote JMS provider, and a JMS adapter that uses the remote JMS provider. When defining the remote JMS provider JTS in the properties file, for 2.4.x this might look like this for the URL "jms://remote:jms/". The adapters will be defined in JBoss-xml.
Open: User-Driven Innovation

Open Source

- advanced development
- design
- build (prototype)
- beta test (beta)
- field test (feedback)

vs.

Proprietary

- advanced development
- design
- build (prototype)
- beta test (beta)
- field test (feedback)

[Source: HBR APR’02]
Simply Ajax and Mobile

Labels and images
Adding labels and images into a window is just as easy. And you can change the label and image on the fly.

Try to click on the "Yes" and "No" button to see how the label is changed.
ZK Mobile Platform

- Extend the Richness of Web Application on Mobile Platforms.
  - Google Android
  - Java Phone
  - iPhone
Rich User Experience of Web Application on Mobile Platform

- Traditional Way
  - HTML Tags
  - Those don’t support browser?

- ZK Mobile’s Way
  - Turns your Web application into a Mobile Application

[Images of mobile devices and software logos]
No Prerequisite of Mobile Technology is Required
Simple Programming Model

- No Client Server Communication

Mobile Application

Web Server
Showcase of ZK Mobile on Java Phone
Show Case of ZK Mobile for Android
Behind-the-Scene Technology
Thank You!
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