



IBM Software Group

IBM® WebSphere® Application Server V7

New JMS clients for WebSphere Application Server version 7



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This presentation will discuss the new JMS clients for WebSphere Application Server version 7.

Agenda

- New JMS clients in WebSphere Application Server version 7



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Section

New JMS clients



This section will discuss new JMS clients available with WebSphere Application Server version 7.

Thin JMS client

- V7 includes a new thin client JAR to enable client access from Java™ SE clients
 - ▶ Requires Java SE 5 at a minimum
 - ▶ Provides outbound communication from clients and 1-phase commit support
 - ▶ Supports the Open Service Gateway Initiative Service Platform as instantiated by the Eclipse Rich Client Platform (RCP) level 3.2
- `com.ibm.ws.sib.client.thin.jms_7.0.0.jar`
 - ▶ Found in the 'runtimes' folder alongside the Web services and administrative thin client JARs
- Client can now coexist with EJB, JAX-WS and JAX-RPC clients



A new thin client is provided with WebSphere Application Server version 7 to enable client access from Java SE clients.

This new client is found in the runtimes folder, which is the same location as the Web services and administrative thin client jars.

The thin client supports the OSGI service platform if you want to connect to the systems integration bus from the rich client provided by Eclipse RCP level 3.2.

Previous clients had several problems if deployed into the same application as the EJB and JAX-RPC clients. The new thin client can now co-exist with the web service and EJB clients without conflict.

The thin client will continue to offer a small footprint for connectivity from Java SE applications, and is now shipped with WebSphere Application Server version 7, so extra downloading and searching for the client jar location is no longer required.

Resource adapter for other application servers

- V7 provides a JCA resource adapter (RAR file) for use with other application servers
 - ▶ WebSphere Application Server Community Edition (CE)
 - ▶ JBoss Application Server 4.0.5 and later
- Enables first-class communication from with service integration bus resources
 - ▶ Inbound and outbound communications
 - ▶ 2-phase commit support



WebSphere Application Server version 7 provides a new systems integration bus JCA resource adapter that is capable of being deployed into other application servers.

The new resource adapter provides inbound and outbound connectivity with the service integration bus.

This resource adapter works with WebSphere Application Server Community Edition, and JBoss 4.0.5 and later.

The resource adapter now supports 2-phase commit, and fills a gap that existed previously in the product, where there was no first class support for gaining access to the service integration bus in WebSphere from WebSphere Application Server Community Edition.

Section

Summary

And, in summary...

Summary

- This presentation has covered the new JMS clients provided by WebSphere Application Server V7.0



This presentation has reviewed the new JMS clients available in WebSphere Application Server version 7.

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