

JBoss ESB 4.2.1 GA

Release Notes

JBESB-RN-11/1/07



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JBoss ESB 4.2.1 GA

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About This Guide

What This Guide Contains

The Release Notes contains contain important information on changes to JBoss ESB 4.2.1 GA since the last release and information on any outstanding issues.

Audience

This guide is most relevant to engineers who are responsible for administering JBoss ESB 4.2.1 GA installations.

Prerequisites

None.

Organization

This guide contains the following chapters:

- **Chapter 1, Release Notes:** this chapter contains the release notes.

Documentation Conventions

Convention	Description
<i>Italic</i>	In paragraph text, italic identifies the titles of documents that are being referenced. When used in conjunction with the Code text described below, italics identify a variable that should be replaced by the user with an actual value.
Bold	Emphasizes items of particular importance.
Code	Text that represents programming code.
Function Function	A path to a function or dialog box within an interface. For example, "Select File Open." indicates that you should select the Open function from the File menu.
() and	Parentheses enclose optional items in command syntax. The vertical bar separates syntax items in a list of choices. For example, any of the following three items can be entered in this syntax: <code>persistPolicy (Never OnTimer OnUpdate NoMoreOftenThan)</code>
Note:	A note highlights important supplemental information.
Caution:	A caution highlights procedures or information that is necessary to avoid damage to equipment, damage to software, loss of data, or invalid test results.

The following conventions are used in this guide:

Table 1 Formatting Conventions

Additional Documentation

In addition to this guide, the following guides are available in the JBoss ESB 4.2.1 GA documentation set:

1. **JBoss ESB 4.2.1 GA *Trailblazer Guide***: Provides guidance for using the trailblazer example.
2. **JBoss ESB 4.2.1 GA *Getting Started Guide***: Provides a quick start reference to configuring and using the ESB.
3. **JBoss ESB 4.2.1 GA *Programmers Guide***: How to use JBossESB.
4. **JBoss ESB 4.2.1 GA *Administration Guide***: Information on how to manage the ESB.
5. **JBoss ESB 4.2.1 GA *Services Guides***: Various documents related to the services available with the ESB.

Contacting Us

Questions or comments about JBoss ESB 4.2.1 GA should be directed to our support team.

Release Notes

Support Matrix

JBossESB has been tested against the following platforms:

- java 1.5.0_09-b03
- Linux FC6 and Windows XP Professional SP2
- ant 1.6.5
- JBossAS-4.2.1GA
- jBPM 3.2.2GA
- Smooks v0.9
- Scout-1.0rc1
- juddi-20071022.191630
- JBossRules 4.0.2GA
- JBossWS-native-2.0.0.GA
- vsftpd, Cerberus, PureFTPd and proftpd

The system may work with other versions of the platforms.

Enhancements

This is **JBoss ESB 4.2.1 GA**. As such it contains a number of enhancements, including:

- JBossESB now supports WS-BPEL (through a partnership with ActiveEndpoints) and Web Services (through JBossWS 2.0.1GA).
- There is now support for clustering and load balancing over arbitrary transports. This is a best-effort approach and should be suitable for many applications.
- More of the Message header routing information is now being used; for example ReplyTo and FaultTo.

- JBoss Messaging 1.4.0GA is now the default JMS implementation. This has significant performance and reliability benefits over the other supported JMS implementations.
- Drools 4.0.1GA is the default Rules implementation.
- We now support jBPM integration. Please consult the Programmers Guide for more information.
- Support for OracleAQ is now available.
- Services can now be scheduled to pick up messages. See the documentation for more details on this capability.

Fixed Issues

There have been many updates since the last milestone release. Please consult the separate text file on the downloads page that contains the complete list of issues closed against **JBoss ESB 4.2.1 GA**.

One issue of note is that the ConfigurationControllerService has been removed from the codebase. This service was superseded by the ESB deployer in the JBoss ESB 4.0 GA release.

Known Issues

The following issues are known and within JIRA:

- ActiveEndpoints WS-BPEL engine does not run on versions of JBossAS since 4.0.5. However, it can be deployed and run successfully on Tomcat as our examples illustrate.
- At present JBossESB does not perform life-cycle monitoring of the services that are deployed within it. As such, if services fail or move elsewhere, their EPRs that may reside within the registry will remain until they are explicitly updated or removed by an administrator. Therefore, if you get warnings or errors related to EPRs obtained from the registry, you should consider removing any out-of-date items.
- There are a number of minor issues with the quickstarts. Please check the JIRA pages for more details.
- For all other outstanding issues, please check the JIRA page for further details.