# JBoss ESB 4.0 CR2

## Release Notes

JBESB-RN-1/11/07

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# About This Guide

## What This Guide Contains

The Release Notes contains contain important information on changes to JBoss ESB 4.0 CR2 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 4.0 CR2 installations.

## Prerequisites

None.

## Organization

This guide contains the following chapters:

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

## Documentation Conventions

The following conventions are used in this guide:

| Convention | Description |
|---|---|
| *Italic* | 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:<br><br>`persistPolicy (Never \| OnTimer \| OnUpdate \| NoMoreOftenThan)` |
| **Note**:<br><br>**Caution**: | A note highlights important supplemental information.<br><br>A caution highlights procedures or information that is necessary to avoid damage to equipment, damage to software, loss of data, or invalid test results. |

Table 1 Formatting Conventions

## Additional Documentation

In addition to this guide, the following guides are available in the JBoss ESB 4.0 CR2 documentation set:

1. **JBoss ESB 4.0 CR2** *Trailblazer Guide*: Provides guidance for using the trailblazer example.

2. **JBoss ESB 4.0 CR2** *Getting Started Guide*: Provides a quick start reference to configuring and using the ESB.

3. **JBoss ESB 4.0 CR2** *Configuring Hypersonic Guide*: This is necessary for setting up the Hypersonic database if you want to use it within the trailblazer.

## Contacting Us

Questions or comments about JBoss ESB 4.0 CR2 should be directed to our support team.

Chapter 1

# Release Notes

## Support martix

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
- jboss-4.0.5GA-ejb3
- Smooks 0.8-SNAPSHOT
- Scout-v0.7RC3
- juddi trunk as of September 2006
- JBossRules 3.0.4
- vsftpd, Cerberus and proftpd

The system may work with other versions of the platforms.

## Enhancements

The following enhancements have been made to the GA version of ArjunaCore since the last early access release:

- There have been significant changes to the architecture of JBossESB since the Beta release. You should consult the Programmers Guide for more information.
- JBossESB now supports a Transformation Service, a Message Storage Service, a Content Based Routing Service and a Registry Service. Full details of these individual services can be found in the Programmers Guide or the respective services' guides.
- The trailblazer has been updated to illustrate the new features in JBossESB.
- A number of other examples have been added to show the individual capabilities within JBossESB more clearly.
- The old model of listeners is still available in the codebase, but you should not use this approach. Everything within the

`org.jboss.soa.esb.listeners.old` package has been deprecated and will be removed in a subsequent release.

- The configuration files have been rationalised and normalised. They are now supported by an annotated XSD for strong type-checking. We recommend that you use this new approach to configuration rather than the style used in previous releases (which is still supported). If used in conjunction with an XML editor, such as that provided by Eclipse, then creating configuration files for JBossESB should be a lot less error prone.

## Fixed Issues

The following issues in the RC have been fixed in the GA:

- [JBESB-131] - Mixing directory separator fails on Windows
- [JBESB-146] - purge rule for ant in trailblazer does not remove class files.
- [JBESB-155] - loanbrokerRequestDir and loanbrokerEmailTemplatePath need to be dynamically configured with the loanbroker configure ant task
- [JBESB-163] - Install dir not copied into distribution
- [JBESB-179] - ModulePropertyManager doesn't seem to report any error when it fails to locate the properties file in question...
- [JBESB-194] - Trailblazer configuration script needs to support being run from both an SVN checkout and a distro download
- [JBESB-250] - Listeners fail after a lengthy period of being active.
- [JBESB-256] - An explicit Thread.sleep should not be required between starting the message aware listeners, and starting the gateway listeners
- [JBESB-262] - Service dependency - recover capability. (i.e. Gateways -> Listener dependency)
- [JBESB-278] - Remove MC and EJB3 jars when deploying the console to the JBoss AS

## Known Issues

The following issues are known and within JIRA:

- There is a problem with the SAR deployment and threads which causes problems when running with JBossAS (http://jira.jboss.com/jira/browse/JBESB-357).

- Gateway listeners cannot be registered under the same name as their ESB-aware counterparts. (http://jira.jboss.com/jira/browse/JBESB-280).

- The Transformation Service console may not run on HSQL (http://jira.jboss.com/jira/browse/JBESB-281).

- Socket listeners might introduce a port conflict when reinstantiated during parameter reload. http://jira.jboss.com/jira/browse/JBESB-157

- There is an issue with the Registry which means that all service-category names and service names must be unique for registered services.

- Only Postgres and HSQL have been tested with the JDBC listener framework.

- Not all FTP servers or configurations give suitable access for the FTP courier implementation. We are currently looking into how to improve support in this area. The FTP server that ships with Mac OS X is one we do not support.