

JBoss Transactions API 4.3.0

Release Notes

JBTA-RN-10/3/07



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About This Guide

What This Guide Contains

The Release Notes contains important information on changes to JBoss Transactions API 4.3.0 since the last release and information on any outstanding issues.

Audience

This guide is most relevant to engineers who are responsible for administering JBoss Transactions API 4.3.0 installations.

Prerequisites

None.

Organization

This guide contains the following chapters:

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

Documentation Conventions

The following conventions are used in this guide:

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.

Table 1 Formatting Conventions

Additional Documentation

In addition to this guide, the following guides are available in the JBoss Transactions API 4.3.0 documentation set:

- JBoss Transactions API 4.3.0 *Administration Guide*: Provides information on administering JBoss Transactions API 4.3.0.
- JBoss Transactions API 4.3.0 *Installation Guide*: This guide provides instructions for installing JBoss Transactions API 4.3.0.
- JBoss Transactions API 4.3.0 *Programmer's Guide*: Provides guidance for writing applications.

Contacting Us

Questions or comments about JBoss Transactions API 4.3.0 should be directed to our support team. Send email to support@arjuna.com.

Release notes

Enhancements

The following enhancements have been made to the GA version of JBossTS 4.2:

- It is now possible to override the default transaction timeout value when using the local JTA implementation.
- Additional control over the ordering of your `XAResource` instances in the two-phase commit protocol is now provided via the `StartXAResource` and `EndXAResource` interfaces.

Fixed issues

The following issues have been identified and fixed:

- During recovery, JBossTS would report problems with badly formatted UIDs. This was identified as <http://jira.jboss.com/jira/browse/JBTM-94> and has now been fixed.
- If a non-zero transaction timeout was specified, then JBossTS did not correctly propagate the timeout value to `XAResource` instances. This was identified as <http://jira.jboss.com/jira/browse/JBTM-93> and has now been fixed. Furthermore the setting of the timeout on the `XAResource` is now configurable. See the JTA Programmers Guide for more details.

Known issues

Issues that are known in this release are:

- There are issues with the Oracle OCI driver (<http://jira.jboss.com/jira/browse/JBTM-98>) for 9i. These do not exist for 10g.