

JBoss Transactions 4.3.0

Release Notes

JBTS-RN-3/13/08



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Contents

About This Guide.....5

What This Guide Contains.....	5
Audience	5
Prerequisites.....	5
Organization.....	5
Documentation Conventions.....	5
Additional Documentation.....	6
Contacting Us.....	6

Release notes7

Enhancements	7
Fixed issues.....	7
Known issues	7

About This Guide

What This Guide Contains

The Release Notes contains important information on changes to JBoss Transactions 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 4.3.0 installations.

Prerequisites

None.

Organization

This guide contains the following chapters:

- **Chapter 1, Release notes:** contains the actual 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 4.3.0 documentation set:

- JBoss Transactions 4.3.0 *Administration Guide*: Provides information on administering JBoss Transactions 4.3.0.
- JBoss Transactions 4.3.0 *Installation Guide*: This guide provides instructions for installing JBoss Transactions 4.3.0.
- JBoss Transactions 4.3.0 *Programmer's Guide*: Provides guidance for writing applications.
- JBoss Transactions 4.3.0 *Quick Start Guide*: Getting started with JBossTS; not for a novice user.
- JBoss Transactions API *Programmer's Guide*: Provides guidance when using the JTA for building transactional applications.
- JBoss Transactions *Failure Recovery Guide*: Describes the failure recovery aspects of JBossTS.
- TxCore *Programmer's Guide*: Describes how to write transactional applications using the non-distributed transaction engine at the heart of JBossTS.

Contacting Us

Questions or comments about JBoss Transactions 4.3.0 should be directed to our support team.

Release notes

Enhancements

- These are tracked online via. JIRA, see <http://jira.jboss.com/jira/browse/JBTM>

Fixed issues

- These are tracked online via. JIRA, see <http://jira.jboss.com/jira/browse/JBTM>

Known issues

- These are tracked online via. JIRA, see <http://jira.jboss.com/jira/browse/JBTM>
- The following are highlighted as particularly important, although only for users running integrated with JBossAS 4.2:
 - Due to API limitations in the application server, inflow of transaction context on business method calls using RMI/IIOP transport is not functional. The default JRMP transport is not affected.
 - The above point is addressed by addition of a new interface in JBossAS 5.0. This is implemented by the `atsintegration` module in JBossTS. Hence compilation of the `atsintegration` code requires JBossAS 5.0, even if the resulting binaries are to be run on JBossAS 4.2. A different installation procedure is required for integration with each version of the application server, consult the `INSTALL` file for details.

Deprecated Features

- This is the last release that will provide for compilation and execution on Java 1.4. Future releases may use Java SE 1.5 language constructs and require Java SE 1.5 standard libraries at runtime.

Note that the `atsintegration` module already requires Java 1.5, as the JBossAS 5.0 application server it links against cannot be built using earlier versions. This does not affect users running JBossTS independently of the application server.

- For users running JBossTS embedded within JBossAS: This is the last JBossTS release that will integrate with JBossAS 4.2. Future JBossTS releases will integrate with JBossAS 5.0 only.

Support for JTS features in JBossAS 4.2 is known to be limited, see above.

- `NORMAL` mode for the transaction reaper thread is deprecated. The `DYNAMIC` mode should now be preferred for most usage. `NORMAL` mode behavior will continue to be available, but may be renamed in a future release to make more explicit that it is no longer the recommended default.