TIBCO ActiveMatrix® Updater Tool for Java Runtime Environment (JRE)

Release Notes

Software Release 1.1.0
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TIBCO™

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Preface

The TIBCO ActiveMatrix Updater Tool for Java Runtime Environment (JRE) is a command-line utility for updating existing TIBCO ActiveMatrix Platform based installations to use JRE 1.8.

Topics

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Related Documentation

This section lists documentation resources you may find useful.

TIBCO ActiveMatrix Updater Tool for Java Runtime Environment (JRE) Documentation

The following documents form the TIBCO ActiveMatrix Updater Tool for Java Runtime Environment (JRE) documentation set:

- *TIBCO ActiveMatrix Updater Tool for Java Runtime Environment (JRE) User's Guide* Read this manual for instructions on using the product to update existing TIBCO ActiveMatrix installations (versions 3.1.5, 3.2.0, and 3.3.0) to use JRE 1.8.

- *TIBCO ActiveMatrix Updater Tool for Java Runtime Environment (JRE) Release Notes* Read the release notes for a list of new and changed features. This document also contains lists of known issues and closed issues for this release.

Other TIBCO Product Documentation

You may find it useful to read the documentation for the following TIBCO products:

- TIBCO ActiveMatrix® Service Grid software: TIBCO ActiveMatrix Service Grid is a scalable and extensible platform for developing, deploying, and managing applications that conform to a service-oriented architecture.

- TIBCO ActiveMatrix® Service Bus software: TIBCO ActiveMatrix Service Bus is a lightweight enterprise service bus that helps organizations bridge the mediation gap in their SOA infrastructure. It reduces complexity and increases flexibility and reuse by replacing hard-coded service dependencies with configuration, and can be used to quickly onboard services from a third-party environment or a TIBCO-based infrastructure.

Typographical Conventions

The following typographical conventions are used in this manual.

Table 1   General Typographical Conventions

Convention	Use
ENV_NAME *TIBCO_HOME*	TIBCO products are installed into an installation environment. A product installed into an installation environment does not access components in other installation environments. Incompatible products and multiple instances of the same product must be installed into different installation environments. An installation environment consists of the following properties: • **Name** Identifies the installation environment. This name is referenced in documentation as *ENV_NAME*. On Microsoft Windows, the name is appended to the name of Windows services created by the installer and is a component of the path to the product shortcut in the Windows Start > All Programs menu. • **Path** The folder into which the product is installed. This folder is referenced in documentation as *TIBCO_HOME*.
`code font`	Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example: Use `MyCommand` to start the foo process.
`bold code font`	Bold code font is used in the following ways: • In procedures, to indicate what a user types. For example: Type **`admin`**. • In large code samples, to indicate the parts of the sample that are of particular interest. • In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, `MyCommand` is enabled: `MyCommand [`**`enable`**`	disable]`

Table 1 General Typographical Conventions (Cont'd)

Convention	Use
italic font	Italic font is used in the following ways: • To indicate a document title. For example: See *TIBCO ActiveMatrix BusinessWorks Concepts*. • To introduce new terms For example: A portal page may contain several portlets. *Portlets* are mini-applications that run in a portal. • To indicate a variable in a command or code syntax that you must replace. For example: `MyCommand` *PathName*
Key combinations	Key name separated by a plus sign indicate keys pressed simultaneously. For example: Ctrl+C. Key names separated by a comma and space indicate keys pressed one after the other. For example: Esc, Ctrl+Q.
	The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances.
	The tip icon indicates an idea that could be useful, for example, a way to apply the information provided in the current section to achieve a specific result.
	The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken.

Table 2 Syntax Typographical Conventions

Convention	Use
[ ]	An optional item in a command or code syntax. For example: `MyCommand [optional_parameter] required_parameter`
|	A logical OR that separates multiple items of which only one may be chosen. For example, you can select only one of the following parameters: `MyCommand para1	param2	param3`

Table 2   Syntax Typographical Conventions

Convention	Use
{ }	A logical group of items in a command. Other syntax notations may appear within each logical group.
	For example, the following command requires two parameters, which can be either the pair `param1` and `param2`, or the pair `param3` and `param4`.
	`MyCommand {param1 param2}	{param3 param4}`
	In the next example, the command requires two parameters. The first parameter can be either `param1` or `param2` and the second can be either `param3` or `param4`:
	`MyCommand {param1	param2} {param3	param4}`
	In the next example, the command can accept either two or three parameters. The first parameter must be `param1`. You can optionally include `param2` as the second parameter. And the last parameter is either `param3` or `param4`.
	`MyCommand param1 [param2] {param3	param4}`

Connecting with TIBCO Resources

How to Join TIBCOmmunity

TIBCOmmunity is an online destination for TIBCO customers, partners, and resident experts. It is a place to share and access the collective experience of the TIBCO community. TIBCOmmunity offers forums, blogs, and access to a variety of resources. To register, go to http://www.tibcommunity.com.

How to Access TIBCO Documentation

You can access TIBCO documentation here:

https://docs.tibco.com

How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, contact TIBCO Support as follows:

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

  http://www.tibco.com/services/support

- If you already have a valid maintenance or support contract, visit this site:

  https://support.tibco.com

  Entry to this site requires a user name and password. If you do not have a user name, you can request one.

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Check the TIBCO Product Support web site at https://support.tibco.com for product information that was not available at release time. Entry to this site requires a username and password. If you do not have a username, you can request one. You must have a valid maintenance or support contract to use this site.

Topics

New Features

This section lists features added since the last major (x.0.0) release of this product.

Release 1.1.0

The following are the new features in this release.

- **Support for JRE 1.8**

  You can now update existing product installations based on the TIBCO ActiveMatrix Platform to use JRE 1.8.

- **Support for TIBCO ActiveMatrix Platform 3.3.0**

  You can now update TIBCO ActiveMatrix Platform 3.1.5, 3.2.0, and 3.3.0 to use JRE 1.8.

Release 1.0

The TIBCO ActiveMatrix Updater Tool for Java Runtime Environment (JRE) is a command-line utility for updating existing TIBCO ActiveMatrix Platform based installations to use JRE 1.7.

Changes in Functionality

This section lists the changes in functionality since the last major (x.0.0) release of this product.

Release 1.1.0

There are no changes in functionality in this release.

Release 1.0

As this is the first release of the product, there are no changes in functionality in this release.

Deprecated and Removed Features

This section describes deprecated features (if any), and lists features, if relevant, that may be useful alternatives to the deprecated features. Any use of a deprecated feature should be discontinued as it may be removed in a future release. You should avoid becoming dependent on deprecated features and become familiar with the suggested alternative features.

This section also lists features that are removed (if any).

Release 1.1.0

No features are deprecated or removed in this release.

Release 1.0

As this is the first release of the product, no features are deprecated or removed in this release.

Migration and Compatibility

This section explains how to migrate from a previous release to this release.

Release 1.1.0

There are no migration procedures or compatibility issues in this release.

Release 1.0

As this is the first release of the product, there are no migration procedures or compatibility issues in this release.

Closed Issues

The table in this section lists closed issues in this release.

Key	Description
AMX-13154	When TIBCO ActiveMatrix Updater Tool for Java Runtime Environment (JRE) was installed on a Suite Installation of TIBCO ActiveMatrix 3.1.5, the `amx_jre_updater.exe` and `amx_jre_updater.tra` files were not installed in `$TIBCO_HOME/amx/3.1/bin`.

Known Issues

The table in this section lists known issues in this release.

Key	Summary/Workaround

AMX-14910	**Summary** On Microsoft Windows, the `Update` operation fails with the following error:
	
	`Failed to update default TRA files for ActiveMatrix Platform in`
	`TIBCO_HOME C:\Installations\AMX\Automation\amx330_8\amx\3.3.`
	`Caused by: .. Cannot write to the file.`
	`...\3.3\scripts\rpflauncher_classpath_3.3.0.tra`
	
	Workaround Make sure that `tibcohost` is stopped. Try to run the command 2-3 times.

AMX-14926	**Summary** On Solaris 64-bit, after upgrading to JRE 1.8, TIBCO Configuration Tool is not supported. **Workaround** None.
AMX-15010	**Summary** When TIBCO ActiveMatrix Updater Tool for Java Runtime Environment (JRE) is installed on a Suite Installation of TIBCO ActiveMatrix, a new `TIBCO_HOME` cannot be created. **Workaround** Install TIBCO ActiveMatrix Updater Tool for Java Runtime Environment (JRE) separately.

Key	Summary/Workaround
AMX-15036	**Summary** [AIX] After TIBCO ActiveMatrix Platform 3.1.5 or 3.2.0 is updated to use JRE 1.8, reverting to bundled JRE is not working as expected.
	Workaround Before running the tool to update to JRE1.8, backup the folders or files as follows:
	• 3.1.5: Backup the `TIBCO_HOME/amx` and `TIBCO_HOME/tibcohost` folders.
	• 3.2.0: Backup the `TIBCO_HOME/amx/3.2/scripts/rpflauncher_classpath_1.0.1.tra` file and the `.ini` files specified using the `-updateIni` option of the `Update` command.
	Reverting to the bundled JRE1.6 can be achieved using one of the following options:
	• Do not run "`update -jreHome TIBCO_JRE`" command. Unzip the backup files created before upgrading JRE.
	• Run "`update -jreHome TIBCO_JRE`" and manually update the `tra` files as follows:
	— Replace "`ppc64/j9vm`" with "`ppc64/default`" in the `tibco.env.LIBPATH` entry of the following files:

	`TIBCO_HOME/amx/3.1/templates/rpflauncher_classpath_1.0.0.tra`
	`TIBCO_HOME/tibcohost/3.1/scripts/node_classpath_3.1.5.HF15.tra`
	`TIBCO_HOME/tibcohost/3.1/scripts/node_classpath_3.1.5.tra`
	`TIBCO_HOME/tibcohost/3.1/scripts/rdacompiler_classpath_3.1.5.tra`
	`TIBCO_HOME/tibcohost/3.1/scripts/tibcohost_classpath_3.1.5.HF15.tra`
	`TIBCO_HOME/tibcohost/3.1/scripts/tibcohost_classpath_3.1.5.tra`

	— If you want to run other tools (such as `amx_jre_updater`, `nodeutil`, `samplesdb`), replace "`ppc64/j9vm`" with "`ppc64/default`" in the `tibco.env.LIBPATH` entry of the following files.

	`TIBCO_HOME/amx/3.1/bin/amx_jre_updater.tra`
	`TIBCO_HOME/amx/3.1/bin/nodeutil_classpath_3.1.5.tra`
	`TIBCO_HOME/amx_it_mediation/3.3/samples/Util/bin/samplesdb.tra`

	— If you have included any user-defined `tra` or `ini` files using the `-includeFile` option of the `Update` command, replace "`ppc64/j9vm`" with "`ppc64/default`" in those files too.
AMX-15054	**Summary** If an invaild path is provided for the `-includeFile` option of the `Update` command, an error occurs and the Rollback operation starts.
	Workaround Ensure that the `-includeFile` option has valid file and folder paths only.