TIBCO Hawk® JMX Plug-in

Release Notes

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Two-Second Advantage®

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Preface

TIBCO Hawk® JMX Plug-in extends the managing and monitoring capabilities of TIBCO Hawk into applications instrumented using Java™ Management Extensions (JMX) standard interfaces. Via the TIBCO Hawk JMX Plug-in, the TIBCO Hawk agent can connect to JMX Agents, introspect them, and expose the JMX MBeans to the TIBCO Hawk infrastructure as microagents. From there, they can be utilized with TIBCO Hawk rulebases or accessed by any number of TIBCO Hawk console applications.

Topics

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- Connecting with TIBCO Resources, page ix

Related Documentation

This section lists documentation resources you may find useful.

TIBCO Hawk JMX Plug-in Documentation

Documentation for TIBCO products is not bundled with the software. Instead, it is available on the TIBCO Documentation site. To directly access documentation for this product, double-click the following file:

TIBCO_HOME`/release_notes/TIB_hawkjmx_`*version*`_docinfo.html`

The following documents form the TIBCO Hawk JMX Plug-in documentation set:

- *TIBCO Hawk JMX Plug-in Installation Guide:* Read this manual for instructions on site preparation and installation.
- *TIBCO Hawk JMX Plug-in User's Guide*: Read this manual to gain an understanding of installing and using TIBCO Hawk JMX Plug-in.
- *TIBCO Hawk JMX Plug-in Release Notes*: Read this manual for information on the current release of TIBCO Hawk JMX Plug-in.

Other TIBCO Product Documentation

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

- *TIBCO Hawk®*
  - *TIBCO Hawk Installation, Configuration, and Administration*
  - *TIBCO Hawk Concepts Guide*
  - *TIBCO Hawk Programmer's Guide*
- *TIBCO Rendezvous™*
  - *TIBCO Rendezvous Concepts*
  - *TIBCO Rendezvous Administration*
  - *TIBCO Rendezvous Configuration Tools*
- *TIBCO Enterprise Message Service™*
  - *TIBCO Enterprise Message Service Installation*
  - *TIBCO Enterprise Message Service User's Guide*

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*. TIBCO Hawk JMX Plug-in installs into a directory within a *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.

Connecting with TIBCO Resources

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website mainly in the HTML and PDF formats.

The TIBCO Product Documentation website is updated frequently and is more current than any other documentation included with the product. To access the latest documentation, visit https://docs.tibco.com.

Documentation for TIBCO Hawk JMX Plug-in is available on the TIBCO Hawk JMX Plug-in Product Documentation page.

How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, visit https://www.tibco.com/services/support.
- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the TIBCO Support portal at https://support.tibco.com.
- For creating a Support case, you must have a valid maintenance or support contract with TIBCO. You also need a user name and password to log in to https://support.tibco.com. If you do not have a user name, you can request one by clicking **Register** on the website.

How to Join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from TIBCO products. In addition, users can submit and vote on feature requests from within the TIBCO Ideas Portal. For a free registration, go to https://community.tibco.com.

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Release Notes

Check the TIBCO Product Support web site at http://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 one, you can request one. Your web browser must support cookies and you must have a valid maintenance or support contract to use this site.

Topics

- New Features, page 2
- Changes in Functionality, page 3
- Deprecated and Removed Features, page 4
- Migration and Compatibility, page 5
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New Features

The following new features have been added to version 6.0 of TIBCO Hawk JMX Plug-in.

Support for TIBCO Hawk® 6.0

The plug-in now supports TIBCO Hawk version 6.0.

Changes in Functionality

There are no changes in functionality in version 6.0 of TIBCO Hawk JMX Plug-in.

Deprecated and Removed Features

There are no deprecated or removed features in version 6.0 of TIBCO Hawk JMX Plug-in.

Migration and Compatibility

There are no migration procedures or compatibility issues in version 6.0 of TIBCO Hawk JMX Plug-in.

Closed Issues

There are no closed issues in version 6.0 of TIBCO Hawk JMX Plug-in.

Known Issues

The table lists known issues in version 6.0 of TIBCO Hawk JMX Plug-in.

Key	Summary/Workaround
HKJX-119	**Summary** Sometimes, the `tibhawkagent` Console is throwing `java.lang.runtime.exception` when TIBCO Hawk JMX Plug-in is configured. **Workaround** The exception is harmless and the Hawk agent is started successfully along with TIBCO Hawk JMX Plug-in. Thus, no workaround is required and the exception can be ignored.
HKJX-17 (1-2AXQT1)	**Summary** If an MBean attribute uses arrays of Java primitive types or an MBean operation that accepts or returns an array of Java primitive types, that attribute or operation will be ignored by the plug-in. **Workaround** None.