

TIBCO ActiveMatrix BusinessWorks™ Plug-in for Twitter

Release Notes

*Software Release 1.0.0
February 2013*

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Preface

The TIBCO ActiveMatrix BusinessWorks™ integration platform enables companies to rapidly integrate systems and automate business processes. The TIBCO ActiveMatrix BusinessWorks™ Plug-in for Twitter enables the ActiveMatrixBusinessWorks™ customers to search, query, publish and stream Twitter data without any coding by using the activities in the Twitter palette.

Topics

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- [Connecting with TIBCO Resources](#), page xii

Related Documentation

This section lists documentation resources you may find useful.

TIBCO ActiveMatrix™ BusinessWorks Plug-in for Twitter Documentation

The following documents form the *TIBCO ActiveMatrix BusinessWorks™ Plug-in for Twitter* documentation set:

- *TIBCO ActiveMatrix BusinessWorks™ Plug-in for Twitter Installation* Read this manual for instructions on site preparation and installation.
- *TIBCO ActiveMatrix BusinessWorks™ Plug-in for Twitter User's Guide* Read this manual for instructions on using the product.
- *TIBCO ActiveMatrix BusinessWorks™ Plug-in for Twitter 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

The following products are related with the TIBCO ActiveMatrix BusinessWorks™ and with the Plug-in for Twitter.

- TIBCO Designer™ software. An easy-to-use graphical user interface for design time configuration of TIBCO applications. TIBCO Designer™ includes online help for each palette.
- TIBCO Administrator™ software. TIBCO Administrator is the monitoring and managing interface for the new generation TIBCO products such as TIBCO ActiveMatrix™ BusinessWorks.
- TIBCO Adapter software. TIBCO Adapter software performs data conversion between non TIBCO business software and TIBCO software.

Third Party Documentation

Twitter developer documentation provides the API details on the REST API endpoints and the Twitter Stream API. For up-to-date information on Twitter API relevant to using the plug-in, go to <http://dev.twitter.com> for developer documentation.

Typographical Conventions

Table 1 General Typographical Conventions

| Convention | Use |
|-----------------------|--|
| <i>TIBCO_HOME</i> | <p>Many TIBCO products must be installed within the same home directory. This directory is referenced in documentaiton as <i>TIBCO_HOME</i>. The value of <i>TIBCO_HOME</i> depends on the operating system. For example, on Windows systems, the default value is C:\tibco.</p> <p>Incompatible products and multiple instances of hte same product can be installed into different installation environments.</p> |
| <i>BW_HOME</i> | The default value of <i>BW_HOME</i> depends on the operating system. For example on Windows systems, the default value is C:\tibco\BW\plugins |
| code font | <p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use <code>MyCommand</code> to start the foo process.</p> |
| bold code font | <p>Bold code font is used in the following ways:</p> <ul style="list-style-type: none"> • 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, <code>MyCommand</code> is enabled: <code>MyCommand [enable disable]</code> |
| <i>italic font</i> | <p>Italic font is used in the following ways:</p> <ul style="list-style-type: none"> • To indicate a document title. For example: See <i>TIBCO ActiveMatrix BusinessWorks Concepts</i>. • To introduce new terms For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal. • To indicate a variable in a command or code syntax that you must replace. For example: <code>MyCommand PathName</code> |

Table 1 General Typographical Conventions (Cont'd)




| Convention | Use |
|---|---|
| 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: <code>MyCommand [optional_parameter] required_parameter</code> |
| | 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: <code>MyCommand para1 param2 param3</code> |

Table 2 *Syntax Typographical Conventions*

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

Connecting with TIBCO Resources

How to Join TIBCOCommunity

TIBCOCommunity 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. TIBCOCommunity 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:

<http://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, page 2](#)
- [Changes in Functionality, page 3](#)
- [Deprecated and Removed Features, page 4](#)
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- [Closed Issues, page 6](#)
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New Features

Release 1.0.0

- **TwitterSearch Activity** - TwitterSearch activity uses the REST API 1.1 to search tweets, users and places for the specific tweets that meet the input criteria.
- **TwitterQuery Activity** - TwitterQuery activity uses the REST API 1.1 to query the user timelines, timelines for the user and the user's friends and followers and trends for collection of tweets that meet the input criteria.
- **TwitterPublish Activity** - TwitterPublish activity uses the REST API 1.1 to publish message to the Twitter application. The publishing activity includes posting a tweet, following a user, posting a retweet, setting a favorite and sending a direct message.
- **TwitterStreamListener Activity**- TwitterStreamListener activity uses the Twitter Streaming API to open and stream public or user streams to the TIBCO BusinessWorks process.

Changes in Functionality

This section lists changes in functionality since the last major (1.0.0) release of this product.

Release 1.0.0

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 1.0.0

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 1.0.0

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

Closed Issues

This section lists the issues that have been closed in this release.

Release 1.0.0

There are no closed issues to report in this release.

Known Issues

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

| Key | Summary/Workaround |
|----------|--|
| TWBW-167 | <p>Summary A TwitterQuery activity with <i>Trends</i> and <i>Available</i> input does not return <i>Parent_ID</i> in the output.</p> <p>Workaround None</p> |
| TWBW-159 | <p>Summary A TwitterPublish activity with the <i>Follow</i> publish type does not send notification to the people user follows.</p> <p>Workaround None.</p> |
| TWBW-150 | <p>Summary A TwitterSearch activity with the <i>Places -> Similar Places</i> input does not return <i>streetAddress</i> in the output.</p> <p>Workaround None.</p> |
| TWBW-68 | <p>Summary For TwitterStreamListner with UserStream input, the <i>retweet_count</i> is not consistent with the Twitter output.</p> <p>Workaround None.</p> |
| TWBW-98 | <p>Summary A query activity with the trend <i>Available</i> does not return the <i>Parent_ID</i> output.</p> <p>Workaround None.</p> |
| TWBW-182 | <p>Summary The <i>statusId</i> field data gets truncated if it is not entered as a string.</p> <p>Workaround Enter <i>statusId</i> in quotes.</p> |
| TWBW-113 | <p>Summary When running the TwitterStreamListener activity, the <i>Server_Certificate_Rejected</i> error is thrown.</p> <p>Workaround Add the following property to the <i>designer.tra</i> or the <i>bwengine.tra</i> file.</p> <pre>java.property.TIBCO_SECURITY_VENDOR=j2se</pre> |

Twitter Known Issues and Twitter Limitations

Some of the problems you might encounter are based on the design or the limitations of the Twitter. For a complete list of the Twitter known issues refer to <http://dev.twitter.com/discussions>.