



TIBCO Flogo® Connector for Magento User's Guide

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TIBCO Documentation and Support Services

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website, mainly in 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 Flogo[®] Connector for Magento is available on the TIBCO Flogo[®] Connector for Magento Product Documentation page.

Product-Specific Documentation

The following documents for this product can be found on the TIBCO Documentation site:

- *TIBCO Flogo[®] Connector for Magento Installation*
- *TIBCO Flogo[®] Connector for Magento User's Guide*
- *TIBCO Flogo[®] Connector for Magento Release Notes*

How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, visit <http://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](https://community.tibco.com). For a free registration, go to <https://community.tibco.com>.

Overview

Magento is an open-source e-commerce platform used as a solution for online eCommerce business. TIBCO Flogo[®] Connector for Magento allows you to create, query, and delete objects such as products, customers, orders, and invoices.

Creating a Magento Connection

You must create a Magento connection before you can use the TIBCO Flogo® Connector for Magento. The Magento connection contains the parameters required to connect to the Magento server.

Prerequisites

Before you create a connection, familiarize yourself with Magento. For details on how to use the Magento product, see the Magento product documentation.

To create a TIBCO Flogo® Connector for Magento connection, click the **Connections** tab on the Flogo® Enterprise page.

If this is the first connection you are adding, follow these steps:

1. Click **Add Connection** to open the connector dialog.
2. Select the **Magento Connector** tile from the list, or use search to find the connector.
3. Enter the values for the fields in the resulting dialog box. See [Magento Connection Details](#) for a description of the fields.
4. Click **Test** to test the connection.
5. Click **Save** to save the connection.

If you already have existing connections for any connector in Flogo® Enterprise, the connections are displayed on the **Connections** tab.



Connections created with version 1.0 of the Magento connector are no longer supported. If you select such a connection in an activity, an error is displayed.

1. Click an existing connection.
2. Click the **Edit** button on the right.
3. Enter the values for the fields in the resulting dialog box. See [Magento Connection Details](#) for a description of the fields.
4. Click **Test** to test the connection.
5. Click **Save** to save the connection.

Magento Connection Details

This information about the Magento instance identifies which connection to use.

The **Magento Connector** dialog contains the following fields:



Field	Description
Connection Name	The unique name for the connection you are creating. This is displayed in the Connection drop-down list for all the TIBCO Flogo® Connector for Magento activities.
Description	A short description of connection. (Optional)
Magento Base URL	The URL where the Magento instance is hosted. In the Magento configuration, this is known as the "base URL".
Access Token	An access token provided by a Magento administrator.

Magento Create

Magento Create activity adds a resource under an object in the Magento System.

Configuration

On the **Settings** tab, you can define the connection, the type of object, and the resource to be created.

Field	Description
Connection	<div>Select the connection you want to use from the drop-down list.</div> <div> Connections created with version 1.0 of the Magento connector are no longer supported. If you select such a connection, an error is displayed.</div>
Object	<div>Select one of the following objects from the drop-down list:</div> <ul style="list-style-type: none">• Products• Customers• Orders• Invoices
Path	<div>Contains a list of resources that can be used to create items within the specified object.</div> <div> The options in this list vary depending on the type of activity and the object you selected.</div>

Input

The input displayed for this activity depends on the object and path that you selected on the **Settings** tab. Variable components are denoted by {}. For example if the selected path is: /products/{sku}/websites then the input for sku must be mapped to a specific value.



It is mandatory to provide the required input properties for the Magento create activity.

Output

The **Output** data corresponds to the activity for the selected path. The output schema depends on the activity, object, and the path.

Iterator



If you would like this activity to iterate multiple times within the flow, enter an expression that evaluates to the iteration details. If you leave this tab blank, the activity will be executed only once. Refer to the "Using the Iterator in an Activity" topic in the TIBCO Flogo® Enterprise documentation.

Magento Query

The Magento Query activity retrieves the resources of an object from the Magento system.

Configuration

On the **Settings** tab, you can define the Magento connection, the type of object, and the resource to query.

Field	Description
Connection	<div> <div>Select the connection you want to use from the drop-down list.</div> <div>  <div>Connections created with version 1.0 of the Magento connector are no longer supported. If you select such a connection, an error is displayed.</div> </div> </div>
Object	<div> <div>Select one of the following objects from the drop-down list:</div> <div> <ul style="list-style-type: none"> Products Customers Orders Invoices </div> </div>
Path	<div> <div>Contains a list of resources that can be used to query items within the specified object.</div> <div>  <div>The options in this list vary depending on the object you selected.</div> </div> </div>

Input

The input schema displayed for this activity depends on the object and the path that you selected on the **Settings** tab. Variable components are denoted by {}. For example, if the selected path is: /products/{sku} then the input for sku must be mapped to a specific value.

Filtering Criteria

Some Paths allow you to enter filtering criteria using the **filter** input property. It has the following syntax:

```
(fieldname1 condition value or fieldname2 condition value) and (fieldname3 condition value or fieldname4 condition value) and ...
```

For example:

```
(field1=a or field2=b) and field3=C
(field1 like $ or field2=b) and (field3=C or field4=D)
field1=a or field2=a
field1=a and field2=a
```



Due to Magento rules or takes precedence over and. Therefore, you can combine multiple or statements in parenthesis and join the groups with and. Using and in parenthesis groups is not legal.

For example, this syntax is valid: (field1=a or field2=b) and field3=C

Whereas, these are invalid:

```
(field1=a and field2=b) or field3=C
```

`(field1=a and field2=b) and field3=C`

`(field1=a or field2=b) or field3=C`

Following is a list of available conditions that can be used in the syntax.

Field names are top-level properties seen on the activity's input tab.

Condition	Description
<code>eq, =</code>	Equals.
<code>finset</code>	A value within a set of values.
<code>from</code>	The beginning of a range. Must be used with to .
<code>gt, ></code>	Greater than.
<code>gteq, >=</code>	Greater than or equal to.
<code>in</code>	In. The value can contain a comma-separated list of values.
<code>like</code>	Like. The value can contain the SQL wildcard characters when like is specified. Note that % matches everything, as opposed to * commonly used in wildcards.
<code>lt, <</code>	Less than.
<code>lteq, <=</code>	Less than or equal to.
<code>moreq, >=</code>	More or equal to.
<code>neq, !=</code>	Not equal to.
<code>nfinset</code>	A value that is not within a set of values.
<code>nin</code>	Not in. The value can contain a comma-delimited list of values.
<code>notnull</code>	Not null.
<code>null</code>	Null.
<code>to</code>	The end of a range. Must be used with from .

Using Quotation Marks

You can surround values and field names with double quotation marks ("). This is useful if your value contains a space, or one of the following characters: <, >, (,), =, !.

If you need a double quote as a part of a quoted value, you will need to duplicate it.

For example: `field="Hello, ""John"", how are you"`

Searches for: Hello, "John", how are you

Specifying Sort Order

Some paths in Query allow you to specify sort order using the **sort** field. For example:

`fieldname1 ASC, fieldname2 DESC, fieldname3, fieldname4 desc`

"ASC" and "DESC" specify the search order. If omitted (such as in the example for `fieldname3`), the default sort is "DESC".

Field names are top-level properties seen on the activity's input tab.

Output

The **Output** data corresponds to the activity for the selected path. The output schema depends on the activity and the path. For example, you can set a page size for optimal viewing of the output.

Iterator



If you would like this activity to iterate multiple times within the flow, enter an expression that evaluates to the iteration details. If you leave this tab blank, the activity will be executed only once. Refer to the "Using the Iterator in an Activity" topic in the TIBCO Flogo® Enterprise documentation.

Magento Update

Magento Update activity updates a resource under an object in the Magento System.

Configuration

On the **Settings** tab, you can define the connection, the type of object, and the resource to be created.

Field	Description
Connection	<p>Select the connection you want to use from the drop-down list.</p> <div>  <p>Connections created with version 1.0 of the Magento connector are no longer supported. If you select such a connection, an error is displayed.</p> </div>
Object	<p>Select one of the following objects from the drop-down list:</p> <ul style="list-style-type: none"> • Products • Customers • Orders
Path	<p>Contains a list of resources that can be used to create items within the specified object.</p> <div>  <p>The options in this list vary depending on the type of activity and the object you selected.</p> </div>

Input

The input displayed for this activity depends on the object and path that you selected on the **Settings** tab. Variable components are denoted by {}. For example if the selected path is: /products/{sku} then the input for sku must be mapped to a specific value.



It is mandatory to provide the required input properties for the Magento update activity.

Output

The **Output** data corresponds to the activity for the selected path. The output schema depends on the activity, object, and the path.

Iterator



If you would like this activity to iterate multiple times within the flow, enter an expression that evaluates to the iteration details. If you leave this tab blank, the activity will be executed only once. Refer to the "Using the Iterator in an Activity" topic in the TIBCO Flogo® Enterprise documentation.

Magento Delete

Magento Delete activity is used to delete an object in the Magento system.

Configuration

On the **Settings** tab, you can define the Magento connection and the type of object to be deleted.

Field	Description
Connection	<p>Select the connection you want to use from the drop-down list.</p> <div>  <p>Connections created with version 1.0 of the Magento connector are no longer supported. If you select such a connection an error is displayed.</p> </div>
Object	<p>Select one of the following objects from the drop-down list:</p> <ul style="list-style-type: none"> • Products • Customers • Orders • Invoices
Path	<p>Contains a list of resources that can be used to delete items within the specified object.</p> <div>  <p>The options in this list vary depending on the object you selected.</p> </div>

Input

The input parameters displayed for this activity depends on the object that you selected on the **Settings** tab. Variable components are denoted by {}. For example, if the selected path is: `/products/{sku}` then the input for sku must be mapped to a specific value.



It is mandatory to provide the required input properties for the Magento delete activity.

Output

The **Output** data corresponds to the activity for the selected path. The output schema depends on the activity, object, and path. Map the output based on the available options.

Iterator

If you would like this activity to iterate multiple times within the flow, enter an expression that evaluates to the iteration details. If you leave this tab blank, the activity will be executed only once. Refer to the "Using the Iterator in an Activity" topic in the TIBCO Flogo® Enterprise documentation.