

TIBCO Flogo® Connector for Amazon Elastic File System User's Guide

*Software Release 1.0.0
August 2018*

Important Information

SOME TIBCO SOFTWARE EMBEDS OR BUNDLES OTHER TIBCO SOFTWARE. USE OF SUCH EMBEDDED OR BUNDLED TIBCO SOFTWARE IS SOLELY TO ENABLE THE FUNCTIONALITY (OR PROVIDE LIMITED ADD-ON FUNCTIONALITY) OF THE LICENSED TIBCO SOFTWARE. THE EMBEDDED OR BUNDLED SOFTWARE IS NOT LICENSED TO BE USED OR ACCESSED BY ANY OTHER TIBCO SOFTWARE OR FOR ANY OTHER PURPOSE.

USE OF TIBCO SOFTWARE AND THIS DOCUMENT IS SUBJECT TO THE TERMS AND CONDITIONS OF A LICENSE AGREEMENT FOUND IN EITHER A SEPARATELY EXECUTED SOFTWARE LICENSE AGREEMENT, OR, IF THERE IS NO SUCH SEPARATE AGREEMENT, THE CLICKWRAP END USER LICENSE AGREEMENT WHICH IS DISPLAYED DURING DOWNLOAD OR INSTALLATION OF THE SOFTWARE (AND WHICH IS DUPLICATED IN THE LICENSE FILE) OR IF THERE IS NO SUCH SOFTWARE LICENSE AGREEMENT OR CLICKWRAP END USER LICENSE AGREEMENT, THE LICENSE(S) LOCATED IN THE "LICENSE" FILE(S) OF THE SOFTWARE. USE OF THIS DOCUMENT IS SUBJECT TO THOSE TERMS AND CONDITIONS, AND YOUR USE HEREOF SHALL CONSTITUTE ACCEPTANCE OF AND AN AGREEMENT TO BE BOUND BY THE SAME.

ANY SOFTWARE ITEM IDENTIFIED AS THIRD PARTY LIBRARY IS AVAILABLE UNDER SEPARATE SOFTWARE LICENSE TERMS AND IS NOT PART OF A TIBCO PRODUCT. AS SUCH, THESE SOFTWARE ITEMS ARE NOT COVERED BY THE TERMS OF YOUR AGREEMENT WITH TIBCO, INCLUDING ANY TERMS CONCERNING SUPPORT, MAINTENANCE, WARRANTIES, AND INDEMNITIES. DOWNLOAD AND USE THESE ITEMS IS SOLELY AT YOUR OWN DISCRETION AND SUBJECT TO THE LICENSE TERMS APPLICABLE TO THEM. BY PROCEEDING TO DOWNLOAD, INSTALL OR USE ANY OF THESE ITEMS, YOU ACKNOWLEDGE THE FOREGOING DISTINCTIONS BETWEEN THESE ITEMS AND TIBCO PRODUCTS.

This document contains confidential information that is subject to U.S. and international copyright laws and treaties. No part of this document may be reproduced in any form without the written authorization of TIBCO Software Inc.

TIBCO, the TIBCO logo, Two-Second Advantage, TIBCO Cloud Integration, TIBCO Flogo Enterprise, TIBCO Flogo, and TIBCO Flogo® Connector for Amazon Elastic File System are either registered trademarks or trademarks of TIBCO Software Inc. in the United States and/or other countries.

Enterprise Java Beans (EJB), Java Platform Enterprise Edition (Java EE), Java 2 Platform Enterprise Edition (J2EE), and all Java-based trademarks and logos are trademarks or registered trademarks of Oracle Corporation in the U.S. and other countries.

All other product and company names and marks mentioned in this document are the property of their respective owners and are mentioned for identification purposes only.

THIS SOFTWARE MAY BE AVAILABLE ON MULTIPLE OPERATING SYSTEMS. HOWEVER, NOT ALL OPERATING SYSTEM PLATFORMS FOR A SPECIFIC SOFTWARE VERSION ARE RELEASED AT THE SAME TIME. SEE THE README FILE FOR THE AVAILABILITY OF THIS SOFTWARE VERSION ON A SPECIFIC OPERATING SYSTEM PLATFORM.

THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

THIS DOCUMENT COULD INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. CHANGES ARE PERIODICALLY ADDED TO THE INFORMATION HEREIN; THESE CHANGES WILL BE INCORPORATED IN NEW EDITIONS OF THIS DOCUMENT. TIBCO SOFTWARE INC. MAY MAKE IMPROVEMENTS AND/OR CHANGES IN THE PRODUCT(S) AND/OR THE PROGRAM(S) DESCRIBED IN THIS DOCUMENT AT ANY TIME.

THE CONTENTS OF THIS DOCUMENT MAY BE MODIFIED AND/OR QUALIFIED, DIRECTLY OR INDIRECTLY, BY OTHER DOCUMENTATION WHICH ACCOMPANIES THIS SOFTWARE, INCLUDING BUT NOT LIMITED TO ANY RELEASE NOTES AND "READ ME" FILES.

Copyright © 2018 TIBCO Software Inc. All rights reserved.

TIBCO Software Inc. Confidential Information

Contents

- TIBCO Documentation and Support Services5**
- Overview6**
- Creating an Elastic File System for AWS Connection7**
 - AWS Connector Connection Details 7
- AmazonElasticFileCreate 8**
- AmazonElasticFileDelete 9**
- AmazonElasticFileDescribe10**

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 Amazon Elastic File System is available on the TIBCO Flogo[®] Connector for Amazon Elastic File System Product Documentation page.

Product-Specific Documentation

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

- *TIBCO Flogo[®] Connector for Amazon Elastic File System Installation*
- *TIBCO Flogo[®] Connector for Amazon Elastic File System User's Guide*
- *TIBCO Flogo[®] Connector for Amazon Elastic File System 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

Amazon Elastic File System (Amazon EFS) provides simple, scalable, elastic file storage for use with AWS Cloud services. The TIBCO Flogo® Connector for Amazon Elastic File System will allow Create, Delete and Describe operations for Amazon Elastic File System and Tags.



For details on using Amazon Elastic File System, refer to the Amazon Elastic File System documentation.

Creating an Elastic File System for AWS Connection

You must create a connection with AWS Connector before you can use the TIBCO Flogo® Connector for Amazon Elastic File System. This connection is used by all the activities in the **AmazonElasticFile** category.



Before you create a connection with AWS Connector, be sure that you have an active Amazon web service account with permission of Elastic File System. For details on how to use the Amazon Elastic File System product, see the Amazon Elastic File System product documentation.

To create an Amazon Elastic File System connection, click the **Connections** tab on the Flogo® Enterprise Enterprise page.

If this is the first connection you are adding, do the following:

1. Click the **Connections** tab on the Flogo® Enterprise Enterprise page.
2. Click the **AWS Connector** tile.
3. Enter the values for the fields in the **AWS Connector** dialog. See [AWS Connector Connection Details](#) topic for a description of the fields.
4. Click **Save Connector**.


If you have existing connections for any connector in Flogo® Enterprise, the connections will be displayed on the **Connections** page.

1. Click **Add Connection**.
2. Click the **AWS Connector** tile.
3. Enter the values for the fields in the **AWS Connector** dialog. See the [AWS Connector Connection details](#) topic for a description of the fields.
4. Click **Save Connector**.

AWS Connector Connection Details

Provide the information for the Amazon Elastic File System account for the connection to be created.

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

Field	Required	Description
Name	Yes	The unique name for this Amazon Elastic File System connector. This name is displayed in the Connection Name drop down selection boxes for each activity.
Description	No	A brief description of the Amazon Elastic File System connection.
Region	Yes	Region for your Amazon Elastic File System.  Not all regions are supported for AWS Connector; therefore, these regions are not supported for Amazon Elastic File System. Refer to the AWS Elastic Search service help for more details.

AmazonElasticFileCreate

This activity allows the user to create a new empty file system or tags on an existing file system.

Configuration

Field	Description
Connection Name	Connection name to use when accessing the Amazon Elastic File System service. If you have created multiple connections with AWS Connector, select the one you want to use from the drop down menu for this field.
Object Name	<p>Amazon Elastic File System customer Resource. Select the Amazon Elastic File System object you want to create:</p> <ul style="list-style-type: none">• Elastic File System• Elastic File System Tags - Used to categorize a file system by attaching a tag to it.

Input

You have the option to either enter the input manually or map the input to the output from a preceding activity, provided that the preceding activity has an output. The input tree displayed for this activity depends on the Connection Name and Object Name that you selected in the **Configuration** tab. Refer to the "Using the Mapper" section in the TIBCO Flogo® Enterprise User's Guide for details on how to use the mapper.

Output

This tab displays the activity output schema in a tree structure format. The schema varies according to the object name that you selected in the Configuration tab. The elements that you see in the schema can be mapped as input to the activities which follow this activity in the flow.

AmazonElasticFileDelete

This activity deletes a file system or tags from an existing file system.

Configuration

Field	Description
Connection Name	Connection name to use when accessing the Amazon Elastic File System service. If you have created multiple connections with AWS Connector, select the one you want to use from the drop down menu for this field.
Object Name	Amazon Elastic File System customer Resource. Select the Amazon Elastic File System object you want to delete: <ul style="list-style-type: none">• Elastic File System• Elastic File System Tags

Input

You have the option to either enter the input manually or map the input to the output from a preceding activity, provided that the preceding activity has an output. The input tree displayed for this activity depends on the Connection Name and Object Name that you selected in the **Configuration** tab. Refer to the "Using the Mapper" section in the TIBCO Flogo® Enterprise User's Guide for details on how to use the mapper.

Output

This tab displays the activity output schema in a tree structure format. The schema varies according to the object name that you selected in the Configuration tab. The elements that you see in the schema can be mapped as input to the activities which follow this activity in the flow.

AmazonElasticFileDescribe

Use this activity to describe file systems or tags from an existing file system.

Configuration

Field	Description
Connection Name	Connection name to use when accessing the Amazon Elastic File System service. If you have created multiple connections with AWS Connector, select the one you want to use from the drop down menu for this field.
Object Name	Amazon Elastic File System customer Resource. Select the Amazon Elastic File System object you want to describe: <ul style="list-style-type: none"> Elastic File System Elastic File System Tags

Input

You have the option to either enter the input manually or map the input to the output from a preceding activity, provided that the preceding activity has an output. The input tree displayed for this activity depends on the Connection Name and Object Name that you selected in the **Configuration** tab. Refer to the "Using the Mapper" section in the TIBCO Flogo® Enterprise User's Guide for details on how to use the mapper.

Output

This tab displays the activity output schema in a tree structure format. The schema varies according to the object name that you selected in the Configuration tab. The elements that you see in the schema can be mapped as input to the activities which follow this activity in the flow.

- The following table describes EFS Datatypes and corresponding Flogo DataTypes:

EFS DataType	Flogo DataType
number	number
string	string
boolean	boolean

- Throughput mode on AWS is currently not supported. It will assign default as Bursting.

