



Talend Open Studio for Big Data

Release Notes

6.1.2

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System Requirements

Users should refer to the *Talend Installation and Upgrade Guide* on the **Talend Help Center** (<http://help.talend.com>) for more information on Installation and System Requirements.

Big Data: New Features

1. Upgraded support for Hadoop and NoSQL distributions

1. New versions of the following Hadoop distributions are supported:

- Cloudera V5.5
- Hortonworks Data Platform V2.3
- MapR 5.0
- Microsoft HD Insight 3.2 (YARN)

2. Neo4J 2.2X is supported.

2. Kerberos security

The support of Kerberos has been added to MapR configurations.

3. MarkLogic support

The Studio now includes MarkLogic support via the following new components:

- tMarkLogicInput
- tMarkLogicOutput
- tMarkLogicClose
- tMarkLogicConnection
- tMarkLogicBulkLoad

4. Enhanced Kafka support in the Data Integration Jobs

1. The tKafkaConnection component has been created to enable the reuse of an established Kafka connection.
2. In tKafkaInput, users can now initialize a given consumer group and set its start and stop conditions.
3. With tKafkaCommit, users can now explicitly control the commit of the partition offsets.

5. On-boarding presentation

When you launch the Studio for the first time or select **Quick Tour** from the **Help** menu, a Quick Tour presentation is displayed, introducing you step by step the major functional parts of the Studio.

6. Components

6.1. Databases

6.1.1. Teradata SCD capability

A new component, tTeradataSCDELT, has been created to allow you to track changes in a Teradata SCD table.

6.1.2. Exasol 5 support

The Studio now supports Exasol 5 via the following components:

- tEXABulkExec
- tEXAClose
- tEXACommit
- tEXAConnection
- tEXAInput
- tEXAOutput
- tEXARollback
- tEXARow

6.1.3. Continuous Data Ingest support

tDB2BulkExec now supports the Continuous Data Ingest feature.

6.1.4. Upgraded Sybase IQ support

tSybaseIQBulkExec now allows you to load data into Sybase IQ database from either a local file or a database table.

6.2. Cloud

6.2.1. Support for AWS On-demand Integration Actions

Talend Studio now allows you to:

- start/suspend/resume/stop a Redshift instance via `tAmazonRedshiftManagement`.
- start/stop an EMR cluster via `tAmazonEMRmanagement`.

6.2.2. ServiceNow support

The Studio now supports ServiceNow via the following components:

- `tServiceNowConnection`
- `tServiceNowInput`
- `tServiceNowOutput`

6.2.3. Upgraded NetSuite support

`tNetsuiteInput` and `tNetsuiteOutput` no longer have a hard coded endpoint address. You can now specify a Web Service URL to connect to a NetSuite server.

6.2.4. Salesforce version upgrade

Talend now supports Salesforce version 34.

6.3. Others

6.3.1. Improved FTP support

The FTP components now allow you to set the encoding used to convert file names from Strings to bytes via the new **Filename encoding** property when connecting to an FTP server via an SFTP connection.

6.3.2. Enhancements in file archiving

Gzip support

`tFileArchive` can now zip files into `.tar.gz` and `.gzip` archives, in addition to the `.zip` format support.

Encryption enhancement

tFileArchive and tFileUnarchive can now work with the Zip4j AES 128-bit and Zip4j standard encryption methods in addition to Java encryption and Zip4j AES 256-bit encryption.

6.3.3. Durable Subscription support

With the Durable Subscription feature enabled, tJMSInput now allows the subscriber to receive messages while inactive.

6.3.4. Upgraded support of Marketo

Marketo components can now handle data using either the SOAP API or the REST API.

Big Data: Deprecated Items

1. Deprecated Items

The following features are deprecated in the current release. Deprecated features are no longer recommended for use and may cease to exist in future versions of the product.

- Due to Java 8 limitations the following components are deprecated and thus hidden from the Palette by default:
 - tAccessBulkExec
 - tAccessOutputBulkExec
 - tDBInput
 - tDBOutput
 - tDBSQLRow

Big Data: Bug Fixes / Change Log

1. Bug Fixes

In addition to the above new features a number of minor improvements within the entire product and significant bug fixes have been made.

See the corresponding Change Log on our bug tracking system for more details on the individual issues:

- <https://jira.talendforge.org/secure/ReleaseNote.jspa?version=20013&projectId=11430>.

Big Data: Known Issues

We encourage you to consult the JIRA bug tracking tool for a full list of open issues:

<https://jira.talendforge.org/issues/?filter=24357>.

Note that this list shows issues from both Talend's Community and Subscription products.

Documentation

1. Talend Help Center

Find out more about how to get the most out of your Talend products on the Talend Help Center: <http://help.talend.com>.

2. Videos

From within the Studio, you can now directly access the videos hosted in Talend Help Center relating to new features.

- For components, related videos are available from the F1 help view of this component.
- For other features, related videos are available in the help view of the wizard for the feature.

Note that not every feature has related videos in Talend Help Center and for this reason, not all the features have this type of access.

3. Open issues

We encourage you to consult the JIRA bug tracking tool for a full list of open issues:

<https://jira.talendforge.org/issues/?filter=18375>