TIBCO Spotfire® Analyst Release Notes

Software Release 7.11 LTS
November 2017

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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.

Product-Specific Documentation

The following documents for this product can be found in the TIBCO Documentation Library for TIBCO Spotfire:

- TIBCO Spotfire® User's Guide
- TIBCO Spotfire® Administration Manager User's Guide
- TIBCO Spotfire® License Agreement

Release Version Support

Some release versions of TIBCO Spotfire products are designated as Long Term Supported (LTS) versions. LTS versions are typically supported for up to 36 months from release. Defect corrections will typically be delivered in a new release version and as hotfixes or service packs to one or more LTS versions. See also https://docs.tibco.com/products/tibco-spotfire-general.

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.

System Requirements for Spotfire Products

For information about the system requirements for Spotfire products, visit http://support.spotfire.com/sr.asp.

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.

For quick access to TIBCO Spotfire content, see https://community.tibco.com/products/spotfire.

New Features

The following new features have been added to version 7.11 of TIBCO Spotfire® Analyst.

Replace data source

You can now easily replace a data source with another data source, without compromising the data wrangling and data mashup you have done.

Edit replace value transformations

It is now possible to edit replaced values without creating additional transformation steps.

Support for Teradata 16

The Teradata connector and Information Services now support Teradata 16.

Support for new thrift transport modes in Apache Spark SQL connections

The Spotfire connector for Apache Spark SQL now supports the thrift transport modes Binary, SASL and HTTP. In addition, the TLS setting is turned on by default for new connections.

Specify SAP BW operation timeout

It is now possible to change the default 10 minute timeout for loading data with the SAP BW connector.

Option to query SAP BW directly towards the SAP BAPI API

The SAP BW connector now supports SAP's more efficient BAPI interface as an option for the user. Moving forward, improvements to the connector will be done using the BAPI interface.

Load more than one million SAP BW data cells

By using the SAP BW BAPI interface, Spotfire can be configured to allow you to analyze more data than what is limited by the ODBO interface.

Increased SAP HANA function support

The SAP HANA connector now supports the following additional functions:

Median, Stddev_pop, Stddev_samp, Var_pop, Var_samp, Bitcount, Months_Between, Years_Between

Edit relational connection data sources from the source view

It is now possible to make changes to the connection data source used by the data connection. The connection data source holds information such as source IP, authentication method, timeouts and database which are all easy to modify now.

Calculate the subtotals and grand totals in cross tables based on the aggregated values displayed in the cells

You can select for each column whether to calculate the subtotal and grand total on the underlying row values, or as the sum of the values displayed in the cross table cells.

Conditional text color in cross tables

It is now possible to define text color in cross tables in the same way as is possible for the cell background color.

Support for IronPython version 2.7.7

In addition to IronPython version 2.0.2, you can now write and execute scripts in Spotfire using features available in IronPython version 2.7.7.

Search and zoom to a location

In map charts, you can now search for a geographic location on the map and quickly zoom in to its geographic area. When you start typing a location name, Spotfire suggests locations that you can select to zoom to on the map.

Example binary object available in the TERR package SpotfireData, for use in data functions

A data.frame with raw images, BarPieImage, has been added to the SpotfireData package. You can use this data object as an example binary object returned from TERR (using a data function) and then display the results in Spotfire.

Display version number of packages in TERR Tools Package Management

The TERR Tools Package Management tab now displays the package version number for both available packages and installed packages.

Changes in Functionality

The following are changes in functionality in version 7.11 of TIBCO Spotfire® Analyst.

Easier to switch between similar data tables in visualizations

It is now, in many cases, possible to switch between similar data tables for a configured visualization, without resetting the configuration of the visualization.

User display name shown instead of username

The display name of the Spotfire user is now displayed whenever information about the Spotfire user is displayed in the user interface, instead of displaying the username as previously.

In the Spotfire Administration Manager, where you can edit the display name of users, information about Spotfire users is now listed in the following format: `display name (username)`

Resize the Edit SQL dialog

The Edit SQL dialog in Information Designer is now possible to resize.

Maximize the Custom Query dialog

The Custom Query dialog is now possible to maximize.

Maximize the New Script and Edit Script dialogs

The New Script and Edit Script dialogs are now possible to maximize.

Optimized default width of library dialog

The default width of the library dialog is now wide enough to distinguish between various filenames.

Deprecated and Removed Features

The following feature is deprecated or removed as of version 7.11 of TIBCO Spotfire® Analyst.

The connector for Amazon Redshift not enabled by installing PostgreSQL driver

The Spotfire connector for Amazon Redshift is no longer enabled by installing the PostgreSQL ODBC driver.

Migration and Compatibility

The following are instructions on how to migrate from a previous release to version 7.11 of TIBCO Spotfire® Analyst.

Installation of Release 7.11

1. First install/upgrade the TIBCO Spotfire® Server to version 7.11.

2. Deploy the TIBCO Spotfire® 7.11 distribution on the TIBCO Spotfire® Server 7.11.

3. Finally, install TIBCO Spotfire® Analyst 7.11 on all client computers.

Upgrading from Previous Version without Installing

1. First install/upgrade the TIBCO Spotfire® Server to version 7.11.

2. Deploy the TIBCO Spotfire® 7.11 distribution on the TIBCO Spotfire® Server 7.11.

3. Start the old version of TIBCO Spotfire® Analyst, log on to the TIBCO Spotfire® Server 7.11 and accept the update.

Installation Notes

- If the .NET 4.5 framework is not installed, it will be downloaded and installed when launching the TIBCO Spotfire® Client installer.

- If the product localization is defined as a user group preference, a client restart is required after the initial login to the server for the changes to be fully applied. Note that clients are not informed that such a restart is required. It is also important that the appropriate localization packages are deployed to the TIBCO Spotfire® Server prior to setting the user group preference.

Note that the correct Language pack and the matching server preference must be set on the very first server that the user connects to. Changing the settings on the Server will not have any effect. If the localization group preference does not have any effect, it can be enforced on clients using **Tools** > **Options**.

Compatibility Versions

The compatibility versions of TIBCO Spotfire 7.11 are updated to v7.10 and v7.9. The table below shows the TIBCO Spotfire compatibility versions for various releases.

You can open and use analysis files created in a newer version of TIBCO Spotfire. However, features from newer versions may not be available, so the analysis might look and behave differently compared to the version where it was created.

Spotfire version	Can open version							
	7.11	7.10	7.9	7.8	7.7	7.6	7.5	7.0
7.11	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.10	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.9	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.8		Yes	Yes	Yes	Yes	Yes	Yes	Yes

7.7			Yes	Yes	Yes	Yes	Yes	Yes
7.6				Yes	Yes	Yes	Yes	Yes
7.5					Yes	Yes	Yes	Yes
7.0							Yes	Yes

Closed Issues

The table lists important closed issues in version 7.11 of TIBCO Spotfire® Analyst.

Key	Summary
TERR-6773	The error messages that erroneous TERR data functions returned to Spotfire did not include the TERR call stack. If TERR is 4.4 is used, the call stack is now included. This change makes it easier to debug data functions.
TS-49012	DateTimeNow() was not possible to use as a constant without specifying an aggregation method.
TS-50051	The information link path was not shown in the analysis.
TS-50413	Spotfire closed unexpectedly when a Python Script Parameter value was set to a particular expression.
TS-50481	Opening Excel files with a pivot cache of type 'consolidation' was not possible.
TS-50518	There were issues related to internal browser rendering when using text scaling (for instance 125% or 150%) in Windows 7 and 10. Examples: splitters used to resize visualizations did not work, form-based popovers (like axis selectors and context menus) ended up in the wrong places and the start page did not look good.
TS-50533	An analysis with user specific data and columns added from a data function caused Spotfire to close unexpectedly when the analysis was preloaded using scheduled updates.
TS-50722	Spotfire Analyst closed unexpectedly when an input for an on-demand data table was defined and a document property for the parameter was created of type 'undefined'.
TS-51007	Spotfire closed unexpectedly when editing a color rule.
TS-51032	Tags were lost when opening analyses using the Data loading setting 'New data when possible'.
TS-51105	The Spotfire client closed unexpectedly when adding a calculated column.
TS-51137	An 'Unable to read data table' error occurred when opening a specific analysis containing an embedded data file.
TSDC-3934	An error occurred when attempting to load data from Salesforce.com reports with boolean columns.
TSS-19996	Spotfire closed unexpectedly when creating an undefined property in Information Services.
TSWP-11681	Memory was sometimes not released when trying to load an analysis with a hierarchy containing a calculated column.

Known Issues

There are no known issues to report in version 7.11 of TIBCO Spotfire® Analyst.