

TIBCO Spotfire® Developer Release Notes

Software Release 12.0 LTS (12.0.6)

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New Features

The following new features have been added in version 12.0 of TIBCO Spotfire® Developer.

For details about new Spotfire features, see [What's New in TIBCO Spotfire](#) in the TIBCO Community.

Key	Version	Summary
TSDK-694	12.0.1	<p>Create packages for both Windows and Linux environments</p> <p>You can now create packages that can target both Windows and Linux by specifying <code>IntendedPlatform="Universal"</code> and <code>TargetFramework="Any"</code> in the <code>.pkdesc</code> file.</p> <p>This can be useful for packages that do not contain any .NET code, such as cobranding packages and language packs.</p>
TSDK-669	12.0.0	<p>Extensions for Web Player on Linux</p> <p>It is now possible to create extensions for Web Player that can be deployed to a Web Player running on Linux. Read more in Building packages that work with the Web Player on Linux.</p>
SPOT-1740	12.0.0	<p>API for scripts in text areas</p> <p>A new API capability has been added which allows an IronPython script or a C# extension to add new scripts to text areas, as well as to modify or delete existing scripts.</p> <p>Note: This API is not supported on Linux.</p>
TS-69065	12.0.0	<p>API to change the geometry simplification setting</p> <p>The threshold for geometry simplification used in feature layers in map charts is now exposed in the API.</p>
TSDK-690	12.0.0	<p>Easier to get started with extensions</p> <p>All C# example extension projects now have a <code>.pkdesc</code> file, that can be used to build packages using the Package Builder console.</p> <p>Two distribution description <code>.xml</code> files have been included for the C# example extensions, one for Windows and one for Linux.</p> <p>A new Visual Studio solution has been included that compiles all C# example extension projects.</p> <p>Two <code>.bat</code> files are included, <code>BuildPackages-windows.bat</code> and <code>BuildPackages-linux.bat</code>. These contain logic to build all valid Windows and Linux packages for the C# example extensions using the included <code>.pkdesc</code> files, as well as building two distribution files containing the packages.</p> <p>A new command line switch has been added for building distribution files, <code>/ignorespotfirereferences</code>. By using this switch when building a distribution, all references to Spotfire API assemblies are ignored during validation of the built distribution file. This is the recommended way to build distribution files instead of listing Spotfire assemblies in the <code>.pkdesc</code> file as <code>ReferencedFile</code>.</p>

Changes in Functionality

The following are important changes in functionality in version 12.0 of TIBCO Spotfire® Developer.

Key	Version	Summary
TS-69963	12.0.1	Updated Log4Net Log4Net updated to 2.0.15.
SPOT-1595	12.0.0	Dropped support for 32-bit operating systems Spotfire Analyst, Spotfire Desktop, and Spotfire Developer no longer provide support for 32-bit operating systems.
SPOT-1751	12.0.0	Updated Spotfire artwork The Spotfire icon and artwork have been updated in Spotfire 12.
TSDK-691	12.0.0	Updated supported versions of Microsoft Visual Studio in System Requirements The system requirements have been updated to support Microsoft Visual Studio 2022. Microsoft Visual Studio 2013 and Microsoft Visual Studio 2015 are no longer supported.

Deprecated and Removed Features

Deprecated features

The table lists features that are deprecated and will be removed in a future release of TIBCO Spotfire® Developer.

Key	Version	Summary
TS-63679	12.0.0	<p>The API to create requests to the server APIs, <code>WebRequestFactory.CreateSpotfireWebRequest()</code>, has been deprecated in this release. All requests to the server should be made using the standard APIs <code>WebRequest.CreateHttp</code> or <code>WebRequest.CreateDefault</code> instead. Authentication and authorization to the server APIs is done using OAuth2 and registered API client credentials. See the following documentation for more information.</p> <p>Spotfire Server SOAP APIs</p> <p>Spotfire Server REST APIs</p> <p>Web Services API Reference</p> <p>Library REST API</p> <p>Deprecated since Spotfire 10.10.0.</p>
TS-66092	12.0.0	<p>Due to the addition of support for Web Player on Linux via ASP.NET Core Runtime 6, where the <code>CustomWizardPromptControlPage.OnGetContentsCore(System.Web.UI.HtmlTextWriter writer)</code> API is unavailable, it has also been marked obsolete for .NET Framework. Instead, a replacement overload has been added (available since 11.5.0). All third-party developers are encouraged to recompile their code using the new API.</p> <p>Deprecated since Spotfire 12.0.0 (11.5.0).</p>
TS-67887	12.0.0	<p>Modified <code>CultureInfo</code> objects are not supported, but have at times been used anyway. To avoid this, the <code>DataFormatterBase.CultureInfo</code> and <code>NumberFormatter.CurrencyCulture</code> properties have been deprecated in the API. Instead, the new properties <code>CultureName</code> and <code>CurrencyCultureName</code> have been added, to allow you to choose culture by name.</p> <p>Deprecated since Spotfire 12.0.0.</p>

Removed features

No features have been removed in this release of TIBCO Spotfire® Developer.

Closed Issues

The table lists important closed issues in version 12.0 of TIBCO Spotfire® Developer.

Key	Version	Summary
TS-72591	12.0.4	The Add method of <code>VisualizationFilteringCollection</code> allows using the API to add the same instance of a filter or marking multiple times. This might cause Spotfire to close unexpectedly when too many instances are added.
TS-71725	12.0.3	Exporting using the <code>RenderResultSettings</code> API with a very small size causes Spotfire to close unexpectedly.
TS-71759	12.0.3	The instructions in Creating and deploying a cobranding package in the <i>TIBCO Spotfire® Cobranding</i> guide do not contain any information about the requirements for Web Players running on Linux.
TS-71820	12.0.3	The last example on the Signing a visualization mod using Package Builder help topic is missing the <code>/sign</code> parameter, which is needed for signing a mod.
TSDK-692	12.0.1	On Linux, custom licenses in the Spotfire Server user interface sometimes show up in non-English. This can occur for extensions that contain language packs where the display UI in Windows is set to one of the languages that are part of the extension.
TS-68834	12.0.0	It is no longer possible to launch the Edit Parameters user interface for data functions by prompting on a <code>DataFunction</code> through the API.
TS-69544	12.0.0	Custom JavaScript code, including visualization mods, does not work due to lack of WebGL support.

Known Issues

There are no important known issues to report in version 12.0 of TIBCO Spotfire® Developer.

Migration and Compatibility

The following are instructions on how to migrate from a previous release to version 12.0 of TIBCO Spotfire® Developer.

Migration from a Previous Release

1. Install/upgrade TIBCO Spotfire® Analyst to version 12.0.
2. Unzip the TIBCO Spotfire® Developer 12.0.
3. Refer to docs.tibco.com for information about the latest Spotfire APIs.

TIBCO Documentation and Support Services

For information about the Spotfire products, you can read the documentation, contact TIBCO Support, and join the TIBCO Community.

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the [TIBCO Product Documentation](#) website, mainly in HTML and PDF formats.

The website is updated frequently and is more current than any other documentation included with the product.

TIBCO Spotfire Documentation

The documentation for all Spotfire products is available on the [TIBCO Spotfire® Documentation](#) page. This page takes you directly to the latest version of each document.

To see documents for a specific Spotfire product or version, click the link of the product under 'Other versions', and on the product page, choose your version from the top right selector.

Release Version Support

Some release versions of Spotfire products are designated as long-term support (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://spotfi.re/lts>.

How to Contact TIBCO Support

Get an overview of [TIBCO Support](#). You can contact TIBCO Support in the following ways:

- 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 <https://spotfi.re/sr>.

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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>.

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How to Contact Support for Spotfire Products

You can contact the Support team in the following ways:

- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the support portal at <https://spotfi.re/support>.
- For creating a Support case, you must have a valid maintenance or support contract with Cloud Software Group, Inc. You also need a user name and password to log in to <https://spotfi.re/support>. If you do not have a user name, you can request one by clicking **Register** on the website.

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How to join the Spotfire Community

The Spotfire Community is the official channel for Spotfire customers, partners, and employee subject matter experts to share and access their collective experience. The 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 Spotfire products. In addition, users can submit and vote on feature requests from within the [Ideas Portal](#). For a free registration, go to <https://spotfi.re/community>.

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