

# **Spotfire Enterprise Runtime for R - Server Edition Release Notes**

*Software Release 1.21.2*

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# Release Notes

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Spotfire analyses that take advantage of Spotfire® Enterprise Runtime for R (a/k/a TERR™) scripts are available for web client users through the Spotfire® Enterprise Runtime for R - Server Edition (a/k/a TERR™ service) version 1.21.

These release notes cover new features, changes, closed issues, and known issues for this release of the Spotfire Enterprise Runtime for R - Server Edition (a/k/a TERR™ service).



The TERR service is licensed under the product Spotfire® Statistics Services. Although you must have the appropriate Spotfire® Statistics Services license, you do not need to install the Spotfire Statistics Services product itself to install and run TERR service in your Spotfire® Server deployment.

## New Features

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There are no new features in version 1.21 of the TERR service.

## Changes in Functionality

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There are no changes in functionality in version 1.21 of the TERR service.

## Deprecated and Removed Features

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From time to time, features are deprecated or removed from the TERR service. This topic provides more information about deprecated and removed features in version 1.21.

### Deprecated features

No features have been deprecated in this release.

### Removed features

No features have been removed in this release.

## Migration and Compatibility

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The TERR service version 1.21 has been tested with version 14.4 of Spotfire Server.



This version of the TERR service is not tested with earlier versions of Spotfire Server.

See [System Requirements](#) for more information.

## Third Party Software Updates

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The following third party software (TPS) components have been added or updated in version 1.21 of the TERR service.

Key	Version	Summary
TERRSRV- 1.21.2 1316		Spotfire Enterprise Runtime for R (a/k/a TERR) engine updated to 6.1.5

Key	Version	Summary
TERRSRV- 1300	1.21.2	<ul style="list-style-type: none"> <li>• Apache Commons IO updated to 2.18.0</li> <li>• Apache Commons Lang updated to 3.17.0</li> <li>• Apache Log4j updated to 2.24.3</li> <li>• Bouncy Castle Crypto APIs updated to 1.80</li> <li>• ClassGraph updated to 4.8.179</li> <li>• Eclipse Jetty updated to 12.0.16</li> <li>• FasterXML/Jackson Core updated to 2.18.2</li> <li>• OSHI Core updated to 6.6.6</li> <li>• Guava: Google Core Libraries for Java updated to 33.4.0-jre</li> <li>• Java API Client for Docker updated to 3.4.1</li> <li>• Micrometer updated to 1.14.3</li> <li>• Spring Boot updated to 3.3.8</li> <li>• Spring Framework updated to 6.2.2</li> </ul>
TERRSRV- 1285	1.21.1	Spotfire Enterprise Runtime for R (a/k/a TERR) engine updated to 6.1.4
TERRSRV- 1281	1.21.1	<ul style="list-style-type: none"> <li>• Apache Commons Compress updated to 1.27.1</li> <li>• Apache Commons IO updated to 2.17.0</li> <li>• Apache Log4j updated to 2.24.1</li> <li>• ASM updated to 9.7.1</li> <li>• Eclipse Jetty updated to 12.0.14</li> <li>• FasterXML/Jackson Core updated to 2.18.0</li> <li>• Guava: Google Core Libraries for Java updated to 33.3.1-jre</li> <li>• Java API Client for Docker updated to 3.4.0</li> <li>• Micrometer updated to 1.13.6</li> <li>• Oshi Core updated to 6.6.5</li> <li>• Simple Logging Facade for Java updated to 2.0.16</li> <li>• Spring Boot updated to 3.3.5</li> <li>• Spring Framework updated to 6.1.14</li> </ul>
TERRSRV- 1216	1.21.0	Spotfire Enterprise Runtime for R (a/k/a TERR) is updated to 6.1.3.

Key	Version	Summary
TERRSRV- 1.21.0 1202		<ul style="list-style-type: none"> <li>• Apache Commons IO updated to 2.16.1</li> <li>• ASM updated to 9.7</li> <li>• Bouncy Castle Crypto APIs updated to 1.78.1</li> <li>• Eclipse Jetty ee10 updated to 12.0.8</li> <li>• Jakarta Annotations API updated to 3.0.0</li> <li>• Micrometer updated to 1.12.5</li> <li>• OSHI Core updated to 6.6.0</li> <li>• Simple Logging Facade for Java updated to 2.0.13</li> <li>• Spring Boot updated to 3.2.5</li> <li>• Spring Framework updated to 6.1.6</li> </ul>

## Closed Issues

The table lists closed issues in version 1.21 of the TERR service.

Key	Version	Summary
TERRSRV-1579	1.21.2	The service does not stop completely when you try to roll back a node manager update, which can lead to a failed rollback and an offline node manager.
TERRSRV-1252	1.21.1	<p>When migrating from the TIBCO Software Statistic Services (TSSS) server to instead use the data function services, warnings for packages are shown when executing some data functions.</p> <p>This has now been addressed by adding a <code>disable.warning.alert</code> property for the TERR, R, and Python services, to allow disabling of warnings. The default is <code>false</code>. To disable warnings, this property must be set to <code>true</code>.</p>

## Known Issues

The following are known issues in version 1.21 of the TERR service.

Key	Version	Summary
TERRSRV- 1.21.0 1140		<p><b>buildServerSPK can result in an error instead of overwriting a pre-existing file</b></p> <p>When you call <code>buildServerSPK</code> to create a package SPK in TERR, you can encounter an error if an SPK file with the same name as the one you are creating already exists in the target location.</p> <p><b>Workaround:</b> Deleting the old SPK file solves this issue.</p>

Key	Version	Summary
TERRSRV- 538	1.21.0	<p><b>"Unable to write data" error message</b></p> <p>Error message "Unable to write data to the transport connection: An established connection was aborted by the software in your host machine."</p> <p>If you see this error, then the data being uploaded to the service is too large. When a Spotfire data function is run, it sends the relevant data from Spotfire to the service for processing. The service has a file size upload limit, the default of which is 100 MB. When a data function is run with data that exceeds this limit, the service returns the error.</p> <p><b>Workaround:</b> An administrator can change this upload limit if needed by creating a custom configuration. For more information, see the topic "File size upload limit" in the service <i>Installation and Administration</i> guide.</p> <p>If users see this error message, the administrator can consider creating a custom configuration that increases the limits for both of the following properties:</p> <ul style="list-style-type: none"> <li>• <code>spring.servlet.multipart.max-file-size</code>: The total file size for upload cannot exceed the value for this setting.</li> <li>• <code>spring.servlet.multipart.max-request-size</code>: The total request size for a multipart file upload cannot exceed the value for this setting.</li> </ul> <p><b>Note:</b> At a certain point, the Java Heap size fails to handle very large files. The threshold for this behavior is dependent on the amount of RAM the service node has. When the Java Heap Size is exceeded, the following error message is displayed.</p> <pre>Error from Remote Service: Internal Server Error (500) - java. lang.OutOfMemoryError: Java heap space</pre>

# Spotfire Documentation and Support Services

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

## How to Access Spotfire Documentation

Documentation for Spotfire and 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.

## Spotfire Documentation

The documentation for all Spotfire products is available on the [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 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.

## System Requirements for Spotfire Products

For information about the system requirements for Spotfire products, visit <https://spotfi.re/sr>.

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