

RTI Spreadsheet Add-in

for Microsoft® Excel®

Release Notes

Version 6.1.0



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The security features of this product include software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>). This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

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Chapter 1 Supported Platforms

Spreadsheet Add-in for Microsoft Excel is deprecated starting with release 6.1.0, which is the last release that supports it. After release 6.1.0, Spreadsheet Add-in for Microsoft Excel will not be supported. Source code for the plug-in will be available in the RTI Community Github repository (<https://github.com/rticomunity>) when official support ends.

RTI® Spreadsheet Add-in for Microsoft Excel is an optional product designed for use with *RTI Connex® DDS* software with the same version number.

This release is compatible with Microsoft® Excel® 2019, 2016, and 2013; on all Windows® architectures listed in the *RTI Connex DDS Core Libraries Release Notes* for the same version number.

The installer requires Microsoft .NET Framework® 3.0 or higher. If you do not already have it, the installer will open a browser window so you can download the latest version.

Chapter 2 What's Fixed in 6.1.0

2.1 Compatibility issues with Excel 2019 and Excel 365 related to log file

An error while closing the log file may have prevented Excel from loading *Spreadsheet Addin* automatically later. This issue affected Excel 2019 and Excel 365.

This problem has been resolved. The log file now closes properly when *Spreadsheet Addin* is unloaded and Excel can load the addin automatically in future sessions.

[RTI Issue ID XLSPLG-156]

Chapter 3 Known Issues

3.1 Spreadsheet Add-in does not Detect Changes to RTI Workspace Location

Connex DDS includes a script named **rticommon_config** (**rticommon_config.bat** on Windows systems, **rticommon_config.sh** on Linux platforms). This script allows you to change the default directory where the RTI workspace will be created.

RTI Spreadsheet Add-in won't detect changes to the values in this file and will continue to use the default workspace folder.

[RTI Issue ID XLSPLG-116]

3.2 Spreadsheet Add-in Appears Unresponsive in Excel 2013

When using *Spreadsheet Add-in* with Excel 2013, you may find that the Add-in bar looks unresponsive. This may be caused by have several workbooks open at the same time. If you look at the workbook that was opened first, you will see *Spreadsheet Add-in* responding as expected. This is due to a change in Microsoft Excel policy regarding process and thread management.

To open several workbooks and have *Spreadsheet Add-in* be responsive in all of them, you will need to manually force each workbook to be run in individual instances of Excel 2013. There are two ways to open individual instances of Excel: from the taskbar or desktop icon, or from a command prompt.

To open individual instances of Excel using the taskbar or desktop icon:

1. Right-click the Excel 2013 icon on your desktop or taskbar, keeping the ALT key pressed.
2. Without releasing the ALT key, click on the “Microsoft Excel 2013” option from the context menu.
3. You will see a prompt asking if you want to open Excel as a new instance. Choose YES.

4. Once the new Excel instance is up and running, open an existing workbook or create a new one.
5. Repeat these steps for each workbook you need.

To open individual instances of Excel from a command prompt:

1. From the command prompt, run **EXCEL /X &**. (The **/X** option forces the creation of a new instance.)
2. Once the new Excel instance is up and running, open an existing workbook or create a new one.
3. Repeat these steps for each workbook you need.

[RTI Issue ID DIABLO-654]

3.3 Topics of Data Types with Bit Fields not Supported

Spreadsheet Add-in cannot communicate with DataReaders or DataWriters of Topics with a data type that includes bit fields. You may see the following message, but *Spreadsheet Add-in* will continue to work normally otherwise:

```
DDS_DynamicDataTypeSupport_initialize:type not supported (bitfield member)
```

[RTI Issue ID CORE-3949]

3.4 Arrays of Sequences not Supported

Data types that include arrays of sequences are not supported. No data will be shown for such fields.

For example, this is *not* supported:

```
struct MyType {  
    sequence<long> mySeqArray[100];  
};
```

A workaround for the above code is:

```
struct MySeq {  
    sequence<long> mySeq;  
};  
struct MyType {  
    MySeq mySeqArray[100];  
};
```

[RTI Issue ID XLSPLG-8]

3.5 Toolbar not Removed During Uninstallation

After uninstalling *Spreadsheet Add-in*, the toolbar remains in the Add-Ins tab. You may remove it manually. For example, if you have Excel 2010 or 2013:

1. From Excel's File tab, select **Options, Add-ins**.
2. Next to **Manage:**, select **COM Add-ins**, then click **Go...**
3. Select **RTI Spreadsheet Addin for Microsoft Excel**, then click **Remove**.

[RTI Issue ID XLSPLG-4]

3.6 Add-in can Only Publish/Subscribe to Same Version of an Extensible Type

When using the XML type feature, the add-in can only publish/subscribe to the same version of an extensible type. For example, you cannot publish ShapeType and subscribe to ShapeTypeExtended. Only one type version of the XML type can be used per Excel instance. The XML type feature is described in Section 2.8 of the *Spreadsheet Add-in User's Manual*.

[RTI Issue ID EDDY-1209]

3.7 Add-in may not Work Properly on Machines not in English Language and Locale

When *Spreadsheet Add-in* is installed on a machine using a language other than English (US), there may be problems with some of the functionality, such as the Monitor Topic functionality. Machines using English (US) locales and languages should be fine.

[RTI Issue ID XLSPLG-146]