

# *RTI Monitor*

## **Release Notes**

Version 5.3.0



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# Release Notes

## 1 Supported Platforms

RTI® *Monitor* is supported on the platforms in [Table 1.1](#).

Table 1.1 **Supported Platforms**

Operating System	
Linux®	All Linux platforms listed in the <i>RTI Connexx DDS Core Libraries Release Notes</i> for the same version number, except not supported on Wind River® Linux 4 platforms.
OS X®	All OS X platforms listed in the <i>RTI Connexx DDS Core Libraries Release Notes</i> for the same version number.
Windows®	All Windows platforms listed in the <i>RTI Connexx DDS Core Libraries Release Notes</i> for the same version number.

For details on these platforms, see the *RTI Connexx DDS Core Libraries Platform Notes*.

*Monitor* is also supported on the platform listed in [Table 1.2](#); this is a target platform for which RTI offers custom support. If you are interested in this platform, please contact your local RTI representative or email [sales@rti.com](mailto:sales@rti.com).

Table 1.2 **Custom Supported Platforms**

Operating System	
Linux	Red Hat Enterprise Linux 5.2

To use *Monitor* you will also need:

- RTI *Connexx*® *DDS* with the same version number (already included in the bundle)
- JAVA 1.7 update 76 or later is suggested (already included in the bundle)
- For Windows systems: the appropriate Microsoft® Visual Studio® Redistributable libraries (already included in the Windows bundle)

## 2 Compatibility

*Monitor* can be used to monitor applications built with *Connexx DDS* that also use *Monitoring Library* (part of *Connexx DDS*). Use the same version number for *Monitor* and *Connexx DDS*.

**Note:** *Monitor* is built on top of *Connexx DDS*. Therefore you should refer to the Compatibility section of the *RTI Connexx DDS Core Libraries Release Notes* for other compatibility information.

## 3 What's New in 5.3.0

### 3.1 New Platforms

This release adds support for Red Hat Enterprise Linux 6.8 platforms. See the *RTI Connex DDS Platform Notes* for details.

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## 4 What's Fixed in 5.3.0

### 4.1 Builtin Topic Data not Available in Saved Files

In previous releases, the builtin topic data (DomainParticipant, Publisher, and Subscriber) was not available when loading data from a saved file. This data is now available.

[RTI Issue ID MONITOR-110]

### 4.2 Samples Lost Reason Field Not Accurate

When looking at the the Status Panel in Advanced mode, the reason field of the Samples Lost section was not accurate. This happened only when samples were being lost and when the panel was displaying data for entities other than the DataReader that lost samples.

[RTI Issue ID MONITOR-215]

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## 5 Known Issues

- ❑ *Monitor* will show monitoring information for an application properly only if all the monitoring **Description** topics are published and not filtered (this is the default setting).  
The **\*Description** topics are needed to properly place objects in the tree views. The per-matched and per-locator topics are needed for the System Overview panel's Matches option to work properly.
- ❑ The aggregation capability will not work correctly with applications that publish monitoring data at a rate that is different than the aggregation rate used in *Monitor*.
- ❑ *Monitor* does not support DomainParticipants that use WireProtocolQosPolicyAutoKind RTPS\_AUTO\_ID\_FROM\_MAC.
- ❑ The internal DomainParticipant (1) and DataWriters (13) created by *Monitor* are incorrectly included in the counts for remote participants or remote writers in the Status panel, even though the monitoring library has been configured to exclude internally created entities in the count.
- ❑ Type information is not available when loading historical data. The Description panel will not show the equivalent IDL, the System Types Table will be empty, and type conflicts will not be reported. {RTI Issue ID DIABLO-766}

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Portions of *RTI Monitor* were developed using:

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