

RTI Distributed Logger

Release Notes

Version 5.0.0



Your systems. Working as one.



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Release Notes

1 Supported Platforms

RTI[®] Distributed Logger 5.0.0 is supported on the platforms in described in [Table 1.1](#) and [Table 1.2](#). For details on these platforms, please see the *RTI Core Libraries and Utilities Platform Notes*.

Table 1.1 **Supported Linux Platforms**

Operating System	CPU	Compiler	RTI Architecture Abbreviation
CentOS 5.4, 5.5 (2.6 kernel)	x86	gcc 4.1.2	i86Linux2.6gcc4.1.2
		Sun Java Platform Standard Edition JDK 1.6	i86Linux2.6gcc4.1.2jdk
	x64	gcc 4.1.2	x64Linux2.6gcc4.1.2
		Sun Java Platform Standard Edition JDK 1.6	x64Linux2.6gcc4.1.2jdk
Red Hat Enterprise Linux 5.0 (2.6 kernel)	x86	gcc 4.1.1	i86Linux2.6gcc4.1.1
		Sun Java Platform Standard Edition JDK 1.5 and 1.6	i86Linux2.6gcc4.1.1jdk
	x64	gcc 4.1.1	x64Linux2.6gcc4.1.1
		Sun Java Platform Standard Edition JDK 1.5 and 1.6	x64Linux2.6gcc4.1.1jdk

Table 1.1 **Supported Linux Platforms**

Operating System	CPU	Compiler	RTI Architecture Abbreviation
Red Hat Enterprise Linux 5.1, 5.2, 5.4, 5.5 (2.6 kernel)	x86	gcc 4.1.2	i86Linux2.6gcc4.1.2
		Sun Java Platform Standard Edition JDK 1.6	i86Linux2.6gcc4.1.2jdk
	x64	gcc 4.1.2	x64Linux2.6gcc4.1.2
		Sun Java Platform Standard Edition JDK 1.6	x64Linux2.6gcc4.1.2jdk
Red Hat Enterprise Linux 6.0, 6.1 (2.6 kernel)	x86	gcc 4.4.5	i86Linux2.6gcc4.4.5
		Sun Java Platform Standard Edition JDK 1.6	i86Linux2.6gcc4.4.5jdk
	x64	gcc 4.4.5	x64Linux2.6gcc4.4.5
		Sun Java Platform Standard Edition JDK 1.6	x64Linux2.6gcc4.4.5jdk
Ubuntu Server 10.04 (2.6 kernel)	x86	gcc 4.4.3	i86Linux2.6gcc4.4.3
		Sun Java Platform Standard Edition JDK 1.5 and 1.6	i86Linux2.6gcc4.4.3jdk
	x64	gcc 4.4.3	x64Linux2.6gcc4.4.3
		Sun Java Platform Standard Edition JDK 1.5 and 1.6	x64Linux2.6gcc4.4.3jdk

Table 1.2 **Supported Windows Platforms**

Operating System	CPU	Compiler or Software Development Kit	RTI Architecture
Windows 7	x86	Visual Studio 2010	i86Win32VS2010
		Sun Java Platform Standard Edition JDK 1.5 or 1.6	i86Win32jdk
Windows 7 x64 Edition	x64	Visual Studio 2010	x64Win64VS2010
		Sun Java Platform Standard Edition JDK 1.5 or 1.6	x64Win64jdk
Windows 2000	x86	Visual Studio 2005 SP1	i86Win32VS2005
		Sun Java Platform Standard Edition JDK 1.5 or 1.6	i86Win32jdk
Windows 2003	x86	Visual Studio 2005 SP 1	i86Win32VS2005
		Visual Studio 2008 SP1	i86Win32VS2008
		Sun Java Platform Standard Edition JDK 1.5 or 1.6	i86Win32jdk
Windows 2003 x64 Edition	x64	Visual Studio 2005 SP 1	x64Win64VS2005
		Visual Studio 2008 SP 1	x64Win64VS2008
		Sun Java Platform Standard Edition JDK 1.5 or 1.6	x64Win64jdk

Table 1.2 Supported Windows Platforms

Operating System	CPU	Compiler or Software Development Kit	RTI Architecture
Windows Server 2008 R2 x64 Edition	x64	Visual Studio 2010	x64Win64VS2010
		Sun Java Platform Standard Edition JDK 1.5 or 1.6	x64Win64jdk
Windows Vista	x86	Visual Studio 2005 SP 1	i86Win32VS2005
		Visual Studio 2008 SP 1	i86Win32VS2008
		Sun Java Platform Standard Edition JDK 1.5 or 1.6	i86Win32jdk
Windows Vista 64-bit Edition	x64	Visual Studio 2005 SP 1	x64Win64VS2005
		Visual Studio 2008 SP1	x64Win64VS2008
		Sun Java Platform Standard Edition JDK 1.5 or 1.6	x64Win64jdk
Windows XP Professional	x86	Visual Studio 2005 SP 1	i86Win32VS2005
		Visual Studio 2008 SP 1	i86Win32VS2008
		Sun Java Platform Standard Edition JDK 1.5 or 1.6	i86Win32jdk
Windows XP Professional x64 Edition	x64	Visual Studio 2005 SP 1	x64Win64VS2005
		Visual Studio 2008 SP 1	x64Win64VS2008
		Sun Java Platform Standard Edition JDK 1.5 or 1.6	x64Win64jdk

2 Compatibility

This version of *RTI Distributed Logger* 5.0.0 is compatible with:

- ☐ *RTI Monitor* 5.0.0
- ☐ *RTI Monitoring Library* 5.0.0
- ☐ *RTI ConnexTM* (formerly *RTI Data Distribution Service*) 5.0.0

3 What's New in 5.0.0

3.1 Integration with RTI Service Components

The *RTI Distributed Logger* library is now included with these RTI components: *RTI Routing Service*, *RTI Persistence Service*, and *RTI Real-Time Connect*.

For details on how to enable the *Distributed Logger* library in the XML configuration files for these other components, see the *RTI Distributed Logger Getting Started Guide*.

4 What's Fixed in 5.0.0

4.1 C++ Dynamic Libraries Linking Issue

Inclusion of the *Distributed Logger* library with a dynamically linked C++ application would cause a unsatisfied linking error at run time. This problem has been resolved.

[RTI Issue ID DISTLOG-5]

4.2 Initial State Information incomplete—Java API Only

The Java implementation of *Distributed Logger* did not display all initial verbosities. Only the platform verbosity was displayed. This problem has been resolved.

[RTI Issue ID DISTLOG-7]

4.3 Segmentation Fault if Distributed Logger Instance could not be Created—C++ API Only

C++ applications that use *Distributed Logger* (including the provided examples) may have crashed with a segmentation fault if the call to create the Distributed Logger instance failed for some reason, such as:

- ☐ Loading a QoS profile with the same name as a default profile
- ☐ An error parsing a QoS profile
- ☐ An internal *Connext* error

This problem has been resolved; now an error message will be printed and the application will simply exit if the Distributed Logger instance cannot be created.

[RTI Issue ID DISTLOG-13]

4.4 Distributed Logger's DomainParticipant Always Created with Default QoS

The *DomainParticipant* created by *Distributed Logger* always used default QoS settings, even if another QoS profile was provided. This problem has been resolved.

[RTI Issue ID DISTLOG-14]