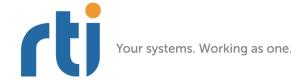
RTI Routing Service Adapter SDK

Release Notes

Version 5.1.0





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Release Notes

1 Supported Platforms

Table 1.0 lists the platforms supported by RTI^{\circledR} Routing Service Adapter SDK. For details on these platforms, please see the RTI Core Libraries and Utilities Platform Notes

Table 1.0 Supported Platforms

| Platform | Operating System | Architecture |
|----------|--|--|
| Linux® | CentOS 5.4, 5.5 (2.6 kernel) | i86Linux2.6gcc4.1.2 x64Linux2.6gcc4.1.2 |
| | CentOS 6.0, 6.2 - 6.4 | i86Linux2.6gcc4.4.5 x64Linux2.6gcc4.4.5 |
| | Raspbian Wheezy 7.0 | armv6vfphLinux3.xgcc4.7.2 |
| | Red Hat® Enterprise Linux 5.0 | i86Linux2.6gcc4.1.1 x64Linux2.6gcc4.1.1 |
| | Red Hat Enterprise Linux 5.1, 5.2, 5.4, 5.5 | i86Linux2.6gcc4.1.2 x64Linux2.6gcc4.1.2 |
| | Red Hat Enterprise Linux 6.0 - 6.4 | i86Linux2.6gcc4.4.5 x64Linux2.6gcc4.4.5 |
| | Ubuntu® Server 12.04 LTS (2.6 kernel) | i86Linux3.xgcc4.6.3 x64Linux3.xgcc4.6.3 |
| Windows® | Windows 7 Windows 8 Windows Server® 2008 R2 Windows Server 2012 R2 Windows 2003 Windows Vista® Windows XP Professional | i86Win32VS2005 i86Win32VS2008 i86Win32VS2010 i86Win32VS2012 x64Win64VS2005 x64Win64VS2008 x64Win64VS2010 x64Win64VS2012 |

RTI Routing Service Adapter SDK is intended for use with RTI Routing Service with the same version number.

2 What's New in 5.1.0

2.1 New Platforms

This release adds support for the following platforms:

☐ CentOS 6.2 - 6.4

☐ Raspbian Wheezy 7.0

☐ Red Hat Enterprise Linux 6.2 - 6.4

☐ Ubuntu® Server 12.04 LTS (2.6 kernel)

☐ Windows 8

☐ Windows Server 2012 R2

3 What's Fixed in 5.1.0

3.1 Socket Adapter Example Failed to Deserialize Data Containing Empty Strings

The format expected by the socket adapter when deserializing empty strings did not match the format the socket adapter used to serialize them. Therefore, if *Routing Service* was reading from the socket adapter (i.e., using a SocketStreamReader in a route input), it failed to process the data from another instance of *Routing Service* that was writing to the socket adapter if the data included empty string fields.

This problem has been resolved; the serialization format for an empty string for a field called **my_field** is now **my_field=""**.

[RTI Issue ID ROUTING-187]

4 Known Issues

4.1 Limitations in Adapter API

In the Adapter API, **Connection::get_attributes()** and update operations are currently not supported.