RTI Limited Bandwidth Endpoint Discovery Plugin

Release Notes

Version 6.0.1
Trademarks

RTI, Real-Time Innovations, Connext, NDDS, the RTI logo, 1RTI and the phrase, “Your Systems. Working as one,” are registered trademarks, trademarks or service marks of Real-Time Innovations, Inc. All other trademarks belong to their respective owners.

Copy and Use Restrictions

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form (including electronic, mechanical, photocopy, and facsimile) without the prior written permission of Real-Time Innovations, Inc. The software described in this document is furnished under and subject to the RTI software license agreement. The software may be used or copied only under the terms of the license agreement.

This is an independent publication and is neither affiliated with, nor authorized, sponsored, or approved by, Microsoft Corporation.

The security features of this product include software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/).

Technical Support

Real-Time Innovations, Inc.
232 E. Java Drive
Sunnyvale, CA 94089
Phone: (408) 990-7444
Email: support@rti.com
Website: https://support.rti.com/
Contents

Release Notes

1 Supported Platforms ........................................................................................................ 1
2 Requirements when Using Microsoft Visual Studio ...................................................... 1
3 Compatibility ................................................................................................................. 1
4 What's New in 6.0.1 ...................................................................................................... 2
   4.1 Added platforms ..................................................................................................... 2
   4.2 Removed platforms ............................................................................................... 2
5 Previous Releases ......................................................................................................... 2
   5.1 What’s New in 6.0.0 .............................................................................................. 2
      5.1.1 Added platforms .......................................................................................... 2
6 Known Issues ................................................................................................................ 2
   6.1 Some QoS not Supported ...................................................................................... 2
7 Available Documentation .............................................................................................. 2
Release Notes

1 Supported Platforms

The RTI® Limited Bandwidth Endpoint Discovery (LBED) Plugin is supported on the platforms in Table 1.1 Supported Platforms. No custom platforms are supported.

Table 1.1 Supported Platforms

<table>
<thead>
<tr>
<th>Operating System</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linux®</td>
<td>All platforms on x86/x64 CPUs listed in the RTI Connext® DDS Core Libraries Release Notes for the same version number, except SUSE® Linux Enterprise Server, Ubuntu® 12.04 LTS, and Wind River® Linux 7 platforms.</td>
</tr>
<tr>
<td>QNX®</td>
<td>QNX Neutrino® 6.4.1 (For LBED Plugin only)</td>
</tr>
<tr>
<td>Windows®</td>
<td>All Windows platforms listed in the RTI Connext DDS Core Libraries Release Notes.</td>
</tr>
</tbody>
</table>

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

2 Requirements when Using Microsoft Visual Studio

You must have the appropriate Visual Studio® Redistributable Package installed on the machine where you are running an application linked with dynamic libraries. For details, see the RTI Connext DDS Core Libraries Platform Notes.

3 Compatibility

The LBED plugin is an optional product for use with RTI® Connext® DDS with the same version number.

The plugin is known not to work with rtiddspy, RTI Recording Service, RTI Shapes Demo, RTI Persistence Service, or RTI Database Integration Service.
For backward compatibility information between 6.0.1 and 5.3.1, see the Migration Guide on the RTI Community Portal (https://community.rti.com/documentation).

4 What's New in 6.0.1

4.1 Added platforms

This release adds support for these platforms:

- Red Hat Enterprise Linux 8 (x64)
- Windows 10 (x86, x64) with Visual Studio® 2019
- Windows Server 2016 (x86, x64) with Visual Studio 2019

4.2 Removed platforms

These platforms are no longer supported:

- Windows 7
- Windows Server 2008 R2

5 Previous Releases

5.1 What's New in 6.0.0

5.1.1 Added platforms

This release added support for the Ubuntu 18.04 LTS platform.

6 Known Issues

6.1 Some QoS not Supported

The following QoSs (introduced in Connext DDS 5.0) are not supported in the configuration file. This will be addressed in a future release.

- AvailabilityQosPolicy
- TypeConsistencyEnforcementQosPolicy

7 Available Documentation

The following documentation is provided with Limited Bandwidth Endpoint Discovery Plug-in (where <NDDSHOME> represents the installation directory):
• Installation Guide:
  <NDDSHOME>/doc/manuals/connext_dds/limited_bandwidth_endpoint_disc/RTI_LimitedBandwidth_EndpointDiscoveryPlugin_InstallationGuide.pdf

• User’s Manual:

• Example code:
  /home/your user name/rti_workspace/version/examples/connext_dds/c/limited_bandwidth_plugins/lbediscovery