

RTI Connex Third-Party Software

Version 7.1.0



Your systems.
Working as one.

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1

Third-Party Software included in Connex DDS Core and/or Connex DDS Micro Libraries

1.1 Apache Log4j 2

- This software is used for Distributed Logger and Micro Application Generator.
- Source: <https://logging.apache.org/log4j/2.x/license.html>
- Version: 2.17.1
- License: The Apache Software License, Version 2.0
See Appendix

1.2 crc32c.c

- Related to: Connex Micro 3.1 and 2.4.14 and Connex Micro Cert 2.4.12.1
- Version 1.1
- License:

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Mark Adler

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1.3 Expat

- Related to: XML configuration
- Software is included in the core middleware libraries.
- Release 2.4.8
- <https://github.com/libexpat/libexpat>
- License

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1.4 fnmatch

- Related to: Content-filtered topics, query conditions, partitions, multicast address management, topic filter in XML QoS profile.
- Software is included in the core middleware libraries.
- License

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1.5 inet_pton4, inet_pton6

- Related to: network addressing
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1.6 List.cs file from .NET Core 3.1

- Related to:
This is a source file taken from the .NET open source repository and adapted to be compiled into RTI core middleware libraries.
- <https://github.com/dotnet/runtime/blob/8593a477fb8f41029f9d7963658922b8d504c76e/src/libraries/System.Private.CoreLib/src/System/Collections/Generic/List.cs>
- License

The MIT License. See Appendix

1.7 LZ4

- Related to: Compression feature added in Connex 6.1.0 . LZ4 is a library for compression and will be part of our Connex DDS Professional, so any other product that contains our libraries would also contain the LZ4 libraries.
- Software is included in the core middleware libraries.
- Release 1.9.3
- <https://github.com/lz4/lz4>
- License:

LZ4 Library

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1.8 ZLIB

- Related to: Compression feature added in Connex 6.1.0, and TypeObject compression
- Software is included in the core middleware libraries.
- Release 1.2.12
- <http://zlib.net/>
- License: http://zlib.net/zlib_license.html

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1.9 BZIP2

- Related to: Compression feature added in Connex 6.1.0, and TypeObject compression
- Software is included in the core middleware libraries.
- Release 1.0.8
- https://sourceware.org/git/?p=bzip2.git;a=blob_plain;f=LICENSE;h=81a37eab7a5be1a34456f38adb74928cc9073e9b;hb=6a8690fc8d26c815e798c588f796eabe9d684cf0
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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.10 MiGBase64

- Related to: RTI Connext Java support for mechanism for loading certificates from a keystore, and not just a file for the TLS transport
- Software is included in core middleware libraries version 5.2 and higher.
- License:

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@version 2.2

@author Mikael Grev

Date: 2004-aug-02

Time: 11:31:11

1.11 MD5

- Related to: DDS keys implementation, content-filtered topics (to sign the filter), persistence service (to generate writer-side unique identification)
- Software is included in core DDS middleware libraries, in the Connex DDS Micro libraries and in the Connex DDS Cert libraries.
- License

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L. Peter Deutsch
ghost@aladdin.com

1.12 utf8proc

- Related to: Content-filtered topics, query conditions, and multichannel.
- <https://github.com/JuliaStrings/utf8proc>
- Software is included in core DDS middleware libraries
- License: MIT license. See Appendix.

Copyright © 2014–2019 by Steven G. Johnson, Jiahao Chen, Tony Kelman, Jonas Fonseca, and other contributors listed in the git history.

<https://github.com/JuliaStrings/utf8proc/blob/master/LICENSE.md>

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1.13 json-parser

- Related to: DynamicData and Real-Time WAN Transport Configuration in Core Libraries. Connector also uses the API exposed by the Core Libraries.
- Version 1.1.0
- <https://github.com/json-parser/json-parser/blob/master/LICENSE>
- Software is included in core DDS middleware libraries
- License:

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1.14 pybind11

- Related to: RTI Connext DDS Python API (Experimental)
- Version 2.9.0
- <https://pybind11.readthedocs.io/en/stable/#license>

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```
Please also refer to the file .github/CONTRIBUTING.md, which clarifies  
↪licensing of  
external contributions to this project including patches, pull requests, etc.
```

2

RTI Plugins

RTI offers a number of plug-in technologies that augment the functionality of the RTI Connex DDS Core Libraries. Plugins are typically provided in binary format and linked directly into the customer application along with the RTI Connex DDS Core Libraries. These plugins are typically distributed as part of the customer's application. See the Third-party Software – Core & Micro documentation for information regarding third-party software content included as part of the Core package.

2.1 bzip2

- Version 1.0.8
- Used, unmodified, in Compression Real-Time Publish Subscribe Transport Plug-in (part of RTI Limited Bandwidth Plug-ins).
- https://sourceware.org/git/?p=bzip2.git;a=blob_plain;f=LICENSE;h=81a37eab7a5be1a34456f38adb74928cc9073e9b;hb=6a8690fc8d26c815e798c588f796eabe9d684cf0
- License:

```
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bzip2/libbzip2 version 1.0.8 of 13 July 2019

2.2 ZLIB

- Version 1.2.12
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- https://zlib.net/zlib_license.html
- License:

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3

RTI Services & Utilities

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3.1 Bootstrap

- Version 5.1.3
- Used with RTI Web Integration Service
- <https://github.com/twbs/bootstrap/blob/main/LICENSE>
- License

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3.2 CivetWeb

- Version 1.15
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- License

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3.3 jQuery

- Version 3.6.0
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- License

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3.4 json-parser

- Version 1.1.0
- Used with RTI Web Integration Service, RTI Database Integration Service, and RTI Recording Service.
- <https://github.com/json-parser/json-parser/blob/master/LICENSE>
- License

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3.5 Libxml2

- Libxml2 v2.9.14
- Used with RTI Cloud Discovery Service, RTI Observability Collector Service, RTI Queuing Service, RTI Recording Service, and RTI Routing Service for parsing XML files.
- <https://gitlab.gnome.org/GNOME/libxml2/-/blob/v2.9.14/Copyright>
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3.6 Libxslt

- Libxslt v1.1.35
- Used with RTI Cloud Discovery Service, RTI Observability Collector Service, RTI Queuing Service, RTI Recording Service, and RTI Routing Service for transforming XML files.
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3.7 nlohmann-json

- Version 3.11.2
- Used with RTI Observability Collector Service
- <https://github.com/nlohmann/json/blob/develop/LICENSE.MIT>

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3.8 OpenSSL

- Version 1.1.1t
- Web Integration Service uses OpenSSL APIs to generate API keys and to secure the connection between client applications and the embedded web server when HTTPS is enabled.
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3.9 prometheus-cpp

- Version 1.0.1
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- License:

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3.10 RapidXML

- Version 1.13
- Used with RTI Web Integration Service
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3.11 SQLite

- Version 3.39.4
- RTI compiles the source code of SQLite into a library that infrastructure services like RTI Recording Service, RTI Persistence Service, RTI Queuing Service, and RTI Web Integration Service link against.
- <http://www.sqlite.org/copyright.html>
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3.12 SQLite ODBC

- Version 0.9998
- RTI compiles the source code of SQLite ODBC into a library that infrastructure services like RTI Persistence Service and RTI Queuing Service link against.
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4

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4.1 Nebula Visualization Widgets

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- <https://www.eclipse.org/nebula/widgets/visualization/visualization.php>
- License: *Eclipse Public License v 2.0* (in **Appendix**)

4.2 Nebula Visualization XY Graph

- Version 2.1.0
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4.3 JEP

- Version 4.1.0
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4.4 nodejs

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4.5 adm-zip

- Version 0.5.9
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4.6 body-parser

- Version 1.20.1
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4.7 CodeMirror

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4.8 common-prefix

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4.10 express-fileupload

- Version 1.4.0
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4.11 express-session

- Version 1.17.2
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- <https://github.com/expressjs/session/blob/HEAD/LICENSE>

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4.12 fs-extra

- Version 10.0.0
- Used in System Designer
- <https://github.com/jprichardson/node-fs-extra/blob/master/LICENSE>

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4.15 sanitize-filename

- Version 1.6.3
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4.16 sax

- Version 1.2.4
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4.25 Apache Log4J 2

- Portions of RTI Monitor, RTI Admin Console, RTI Launcher, RTI Code Generator, and RTI Code Generator Server are built using Apache Log4J.
- Version 2.17.1
- License: Apache License Version 2.0 (full text found in the **Appendix**).

4.26 JDom

- Version 1.1.1
- Portions of RTI Admin Console are built using JDom.
- <https://github.com/hunterhacker/jdom/blob/master/LICENSE.txt>
- License:

```
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```

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*/

4.27 Eclipse

- Portions of RTI Admin Console and RTI Launcher are built using Eclipse technology.
- Version 2020-06
- License is the *Eclipse Public License v 2.0* (in **Appendix**)

4.28 SWT

- RTI Launcher is built using SWT.
- Version 4.19 (Windows and MacOS) and 4.15 (Linux).
- License is the *Eclipse Public License v 2.0* (in **Appendix**)

4.29 FlatLaf

- Portions of RTI Monitor are built using FlatLaf.
- Version 0.35
- <https://github.com/JFormDesigner/FlatLaf>
- License: Apache License 2.0. See **Appendix**.
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4.30 Glazed Lists

- Portions of RTI Admin Console are built using Glazed Lists.
- Version 1.9.0
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4.31 JavaFX

- Portions of RTI Admin Console are built using JavaFX.
- Version 11.x
- gluonhq.com
- License:

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Version 2, June 1991

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4.33 SwingX

- Version 1.6
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- Version 3.0.8
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4.36 wxWidgets

- Portions of RTI Shapes Demo are built using wxWidgets.
- Version 3.0.4
- <https://www.wxwidgets.org/about/licence/>
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4.38 Yworks: Yfiles for Java

- Version 3.3.0.0
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- Version 1.1.0
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7.1 utHash

- Used with RTI ConnexT TSS
- <https://github.com/troydhanson/uthash>
- Version 1.9.8
- License
 - Copyright (c) 2005-2016, Troy D. Hanson

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- Related to: Content-filtered topics feature in C.
- Version 3.7.6
- License:

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```

```
/* Bison interface for Yacc-like parsers in C
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*/
```

```
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9

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- Version: 3.3.1

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10

Installer

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The installers for RTI modules were built using Bitrock Installbuilder 19.7.0. This software is licensed under commercial terms to RTI, and the executable may contain third-party open source software. Contact RTI for a listing specific to this product if review is required.

11

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<signature of Ty Coon>, 1 April 1990
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Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

Exhibit A – Form of Secondary Licenses Notice

"This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.