

VISUALIZATION FOR C++ RELEASE NOTES

November 2014

This file, `Release_Notes_5.8.pdf`, contains a summary of the technical changes that make the Rogue Wave Visualization for C++ version 5.8 products different from previous releases. For convenience, this file is provided online (<http://www.roguewave.com/support/product-documentation.aspx>) and possibly contains more recent content.

This document contains a brief overview of changes and technical details related to this release.

Platforms

New Ports

The Visualization for C++ suite of products has been validated on the following new platforms:

- Microsoft Visual Studio 2013: The two ports (`x86_.net2013_12.0` and `x64_.net2013_12.0`) have been incorporated in this release.

Unsupported Ports

The Microsoft Visual Studio 2008 ports (`x86_.net2008_9.0` and `x64_.net2008_9.0`) have been retired.

The ports over operating system AIX 5.3 (`power32_aix5.3_7.0` and `power64_aix5.3_7.0`) have been retired.

Deprecated Ports

All ports over Solaris 10, SPARC or Intel architecture, with compiler Sun Studio 11 are deprecated. Future releases will only support Solaris 11 with compiler Sun Studio 12.3.

New features

The following section details the main changes in the products:

- Windows 64-bit ports are supported by Server.
- Server distribution includes a contribution allowing inspecting the objects present in a server at runtime.
- DB Link offers a single driver for all supported Oracle releases (10 to 12).
- Oracle Instant Client is supported.

Server support of Windows 64bits

The 64-bit ports on Windows are included in the distribution. In previous releases only 32-bit ports were supported on the Windows platforms.

With this release, the following ports have been added in the distribution:

- x64_.net2010_10.0
- x64_.net2012_11.0
- x64_.net2013_12.0

Yet the communication protocol between server and clients does not provide for 64-bit values transfer.

Server Inspector

In the `contrib` directory of the distribution, you will find the source code and make files or project files of a new utility: the `Inspector`.

This tool allows connecting to a running RW Server server instance and accessing all classes, relations, and objects it contains provided they are named.

It is intended to help tuning the server and it is not recommended to have it connected at all times on a production server instance because the impact on performances is unavoidable.

DB Link Changes

Version 9 of Oracle client is not supported anymore.

The code of Oracle drivers has been factorized. With this release, a single driver is used for any supported Oracle version.

The connection arguments do not need to be changed. All previous DB Link accepted database names (`oracle10`, `oracle11`, and `oracle`) are still recognized.

For applications configured for dynamically loading drivers, the code compilation and linking phases do not need to be changed. For applications statically linking drivers, the link options should be changed because the single Oracle driver is now named `dbora` (`libdbora.so` on UNIX/Linux; `dbora.dll` on Windows).

DB Link supports Oracle Instant Client.

When using Instant Client, the authentication string of the form “<user>/<password>@<service>” is not accepted.