System Requirements

IBM Rational Software Architect Real-Time Edition (RSARTE) 11

Supported Operating Systems

- Windows 10 x86-64

- Windows 8.1 Enterprise x86-64

- Windows 8.1 Professional x86-64

- Windows Server 2012 x86-64

- Windows Server 2016 x86-64

- Red Hat Enterprise Linux (RHEL) Workstation 7 x86-64

    Note: On Linux, GTK3 should be used. Using older versions of GTK will lead to glitches in the user interface.

    Note: On Linux, WebKit should be used to render web pages in Eclipse. Using other browsers may lead to minor glitches in the user interface.

    Other operating systems on which Eclipse runs may also work, but have not been tested.

Other requirements

- Open JDK 8.0 64 bit or Oracle JDK 8.0 64 bit (version 202 or newer)

- Eclipse 2019.06 (4.12) for C/C++ Developers

Compilers

To compile the generated code, suitable C++ build tools are required (compiler, linker and make tool). By default generated code requires a compiler with support for C++ 11 (it is however possible to set a preference to generate C++ code that doesn't use any C++ 11 constructs). Refer to the documentation of your compiler to see if it's necessary to set any special compiler flag in order to use C++ 11.

The following C++ compilers are supported and have been used for building the prebuilt versions of the Target RTS that are shipped with RSARTE.

- MinGW 8.1.0 (Windows)

- Microsoft Visual Studio 2017, version 15 (Windows)

- GNU 4.x (Linux)[1]

- GNU 7.x (Linux)

Most other C++ compilers will also work but could require modifications or re-compilation of the Target RTS.

1Support for C++ 11 was implemented gradually in the GNU 4.x versions with full support declared starting with 4.8.1.