



## System Requirements

# IBM Rational Software Architect Real-Time Edition (RSARTE) 11.1

### Supported Operating Systems

- Windows 10 x86-64
- Windows Server 2019 x86-64
- Red Hat Enterprise Linux (RHEL) Workstation 7.7 or higher (x86-64)
- Red Hat Enterprise Linux (RHEL) Workstation 8.x (x86-64)

**Note:** On Linux, GTK3.20 or later must be used.

**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.

**Note:** On Linux, the following 32-bit libraries need to be available: libc, libnsl, libxcrypt.

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), OR  
Open JDK 11.0 64 bit or Oracle JDK 11.0 64 bit  
(when installing a Java 11 JDK is required, but after that you can use a Java 8 JDK)

**Note:** To use ClearCase or VersionVault integration Java version 8 must be used.

- Eclipse 2020.06 (4.16) 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)<sup>1</sup>
- GNU 7.x (Linux)

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

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