Requirements

System Requirements

Windows 64-bit

- Windows 10, Windows Server 2016, Windows Server 2019
- 4GB memory minimum, 8GB recommended
- 2GHz or faster processor (x86_64-compatible), multi-CPU configuration recommended
- Supported C/C++ compiler (see Compilers for a list of supported compilers)

Linux 64-bit

- Linux with glibc 2.12 or higher
- 4GB memory minimum, 8GB recommended
- 2GHz or faster processor (x86_64-compatible), multi-CPU configuration recommended
- Supported C/C++ compiler (see Compilers for a list of supported compilers)

Proper Compiler Configuration is Critical

In most cases, C/C++test needs to invoke the compiler and linker in order to perform static analysis and runtime testing, which commonly involve preprocessing, compiling, and linking programs.

To access C/C++test's full functionality, the machine where C/C++test is run must have the complete development environment and properly configured compiler toolchain.

IDE Requirements

If you install C/C++test as an IDE plugin, see IDE Support for information about supported IDEs.

Additional Requirements

- If you connect your C/C++test instance to DTP, ensure that the DTP version you're connecting to supports your C/C++test version. See Parasoft Product Cross-compatibility.
- The recommended Japanese language encoding is Shift_JIS (ja_JP.PCK locale on Unix). Other encodings might cause font problems or prevent C/C++test from reading test results.
- You must have write access to the directory that contains your testing workspace. Additionally, you may need write access to the working directory (the default location where C/C++test reports are generated) and to the directory that contains the project. In some scenarios, write permissions to the C/C++test or Eclipse installation and configuration directories are required; see Multi-user Installations for details.