

IDE 4.7.1#

IDE is an acronym which stands for Integrated Development Environment and a short form for the QNX Momentics IDE. The IDE is based on Eclipse and CDT (open source projects). It provides a Graphical User Interface for developing applications for the Neutrino Real Time Operating System (RTOS). The IDE runs on Windows and Linux hosts, uses cross-platform compilers for Neutrino, and supports "target machine" management with remote running and debugging of applications.

This page is for experimental drops of release for IDE 4.7.1. It contains bug fixes for IDE 4.7 (released as part of SDP QNX 6.5.0). You can install IDE separately (or update existing one). We welcome your suggestions for improvement.

- Download one of the [IDE integration builds](#)
- Read [Installation Instructions](#), if you installing or updating for the first time.
- Use the [IDE Forum](#) for discussions about the IDE, and to post your questions, comments, and suggestions.

For additional plugins see [Add-ons for IDE 4.7](#) page.

For release IDE 4.7 see [Download IDE4.7](#) page. For release IDE 4.8 see [Download IDE4.8](#) page.

Instruction to use the 4.7.1 update site:#

- Run IDE 4.7 in admin mode - on Windows run the "QNX Momentics IDE 4.7 Administrative Mode" menu shortcut; on Linux run the "qde_admin" script
- Open the dialog "Windows -> Preferences -> Install/Update -> Available Software Sites", click "Add...", in the "Name:" field type in "IDE 4.7.1", in the "Location:" field type in this <https://www.qnx.com/account/updates/foundry27/ide/4.7.1/>
- Click "Help -> Check for Updates", follow the update wizard to install IDE 4.7.1 updates.

Development build 201105301104 [Download#](#)

Update site is available.

Bugs fixed in this build:

- [98983]] Ensure clean Eclipse platform shutdown after build completes, including workspace save.
- [98945]] Fix problem of armle variant not building in project having armle, armle-v7, and x86 variants.

Development build 201008072203 [Download#](#)

No update site available.

Bugs fixed in this build:

- [77685] TOOLS-[ApplicationProfiler](#) Func instr - grouping by binary - results does not sum up 100%
- [77682] TOOLS-[ApplicationProfiler](#) Profiler import from Sys Profiler should work in background
- [77681] TOOLS-[ApplicationProfiler](#) Snapshot data changes
- [77679] TOOLS-[ApplicationProfiler](#) Application Profiler using attach mode with func. instr does not work
- [77678] TOOLS-[ApplicationProfiler](#) Sampling profiling kills UI

- [78513] TOOLS-C_C++Development Exception when saving Container Project after removing non-existent members
- [78061] TOOLS-C_C++Development Dependency checking feedback from common.mk implementation can be slow

- [78033] TOOLS-C_C++Development Asynchronous resource-change processing is broken
- [77695] TOOLS-C_C++Development QNX Project: Editors don't see header files from newly added include directory
- [77686] TOOLS-C_C++Development QNX Project Dependency Checking settings should be in the common.mk
- [69239] TOOLS-C_C++Development "Cannot add new project \n null" error creating new QNX Container project
- [54160] TOOLS-C_C++Development Scanner Discovery info missing after conversion
- [78447] TOOLS-IDE "How to update QConn" link is broken
- [78426] TOOLS-[MemoryAnalysis](#) Memory Analysis import should work in background
- [77687] TOOLS-[MemoryAnalysis](#) Memory analysis should be able to export filtered data
- [78531] TOOLS-[SystemInformation](#) QConn Target's IP address with spaces confuses GDB
- [78192] TOOLS-[SystemProfiler](#) System Profiler performance could be greatly improved by combining operations that iterate over the log file
- [78164] TOOLS-[SystemProfiler](#) Tooltips don't work on windows
- [77997] TOOLS-[SystemProfiler](#) Found process/thread stays highlighted when new selections are made and when IDE is restarted
- [77988] TOOLS-[SystemProfiler](#) Problems with Rename dialog
- [77979] TOOLS-[SystemProfiler](#) Properties view should be part of System Profiler perspective
- [77978] TOOLS-[SystemProfiler](#) Tabbed Properties view fails to show contents even when System Profiler editor is selected
- [77711] TOOLS-[SystemProfiler](#) Loading trace file stalls in UI thread once progress reaches 100%
- [77677] TOOLS-[SystemProfiler](#) Thread Call Stack should have timeout on stack search
- [67009] TOOLS-[SystemProfiler](#) System Profiler leaks memory and SWT handles

Binaries patches required for this fixes: See [Download 6.5.0 binary patches](#) or [Download 6.4.1 binary patches](#)

- [77684] TOOLS-[ApplicationProfiler](#) [libprofiling] Profiler trace file is limited to 2G
- [77683] TOOLS-[ApplicationProfiler](#) [libprofiling] creates trace file with wrong permissions
- [76805] TOOLS-[MemoryAnalysis](#) [librcheck] rmat file is limited to 2G
- [77739] TOOLS-[MemoryAnalysis](#) [librcheck] False report in free