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Subject: What is the XCDT IDE?

Posted by [XcedentSupport](#) on Thu, 02 Jan 2014 02:55:06 GMT

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The Xcedent C/C++ Development Tools, or XCDT, are a collection of components integrated to provide a rich development environment for embedded systems development on Windows® workstations.

The XCDT collection integrates the popular Eclipse IDE for C/C++ Developers, a feature-rich application for source code editing, compiling, and interactive in-application/in-circuit debugging, complemented by the Gnu Compiler Collection C and C++ compilers and binary utilities. The XCDT collection incorporates proprietary Xcedent utilities, libraries and other components that bridge the gaps between the various popular, open-source programs.

The open-source components include:

- GCC C/C++ Cross-Compilers and Utilities
- Red Hat®/sourceware.org Newlib C standard library
- Gnu Make
- MinGW/MSYS utilities and run-time libraries
- GDB Project Debugger
- OpenOCD JTAG Port Server for On-Chip Debugging
- Eclipse Integrated Development Environment for C/C++ Developers
- Java® JRE (Java Runtime Environment)
- Portions of the ARM/Gnu/Eclipse Plug-In
- The Eclipse EHEP binary/hexadecimal editor

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THE XCDT COLLECTION INCLUDES SELECTED BUILDS OF THE GNU COMPILER COLLECTION (GCC) C AND C++ COMPILERS, AS WELL AS THE GNU "BINUTILS" UTILITY PROGRAMS. THESE PROGRAMS, AND OTHER COMPONENTS OF THE XCDT, HAVE KNOWN ERRORS. IT IS THE RESPONSIBILITY OF THE APPLICATION DEVELOPER TO INDEPENDENTLY VERIFY AND VALIDATE OBJECT CODE AND BINARIES GENERATED THROUGH THE USE OF THE XCDT COMPONENTS, AND TO DETERMINE THE SUITABILITY OF THESE OBJECTS AND BINARIES FOR ANY GIVEN APPLICATION. ADDITIONAL DISCLAIMERS ARE INCLUDED IN THE LICENSE TERMS OF THE VARIOUS COMPONENTS, LISTED ELSEWHERE IN THIS DOCUMENT.

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