

CodeWarrior

Power for embedded Linux and RTOS development



CodeWarrior™ IDE Edition for LynuxWorks is the only implementation of the award-winning CodeWarrior 6.0 IDE to encompass both embedded Linux and hard real-time operating system (RTOS) development in a single environment.

Familiarity breeds productivity

CodeWarrior IDE Edition for LynuxWorks accelerates time-to-market by:

- Making a popular IDE available for LynxOS® and BlueCat® Linux development
- Combining an editor, code browser, compiler, linker, and debugger into a single application, controlled by a familiar GUI

Customers can tap into the immense pool of talent already experienced in the use of MetroWerks CodeWarrior to develop software for deployment on either, or both, LynuxWorks OS platforms. And they can leverage the feature-rich CodeWarrior environment to make embedded development faster and easier than ever before.

Supercharging embedded development

The CodeWarrior IDE Edition is a powerful implementation of the point-and-click development paradigm, tailor-made for addressing the aggressive code and debug schedules of embedded applications. With CodeWarrior IDE Edition on a Linux or Solaris cross-development host, developers gain drop-down menu access to all the tools necessary for LynxOS- and BlueCat Linux-specific development.

Developers can use integrated CodeWarrior IDE project-management capabilities to create new projects, and then use its integrated editor and code-browsing capabilities to efficiently create application code.

Additional features include:

- Individual menu buttons to start debug activities, run applications, execute commands on the target system, and access useful utilities such as Telnet and ftp
- Application Template Stationary for easing development of different types of embedded applications (selecting features such as threads, message queues, shared memory and more, builds program templates that can be modified and used in application development)
- Sample program building to speed code development and speed understanding of the syntax of the application programming interfaces
- Facilities for visibility into target system activities
- Target command and shell access to targets
- Integration with TotalDB for launching debugging operations

Integrated GNU compilation tool chain

CodeWarrior IDE Edition couples its advanced IDE with an industry-standard tool chain to normalize the process of creating, porting and maintaining software across different platforms.

CodeWarrior IDE Advantages

- Solaris host development coverage — leveraging powerful and familiar CodeWarrior features
- Faster time-to-market — easy-to-use, menu-driven IDE
- Normalized development across platforms — industry standard IDE and GNU tool chain

CodeWarrior IDE Edition integrates the GNU tool chain in a completely transparent fashion. Because the standard tool chain is used, future updates can be kept in synch with new features. The IDEs debugging environment is also compatible with the familiar GNU Debugger (GDB). All standard GNU tool chain option switches are accessible, empowering users to determine how best to compile and link their applications.

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