



GNUPro™ Tools for Toshiba's Media embedded Processor

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Overview

Red Hat's GNUPro toolsuite for Toshiba's configurable Media embedded Processor (MeP) provides:

- Easy-to-install versions of the full suite of industry-standard GNU development tools and libraries for MeP core development
- GNUPro documentation, including a "Getting Started" guide and tutorials
- The MeP-Integrator tool for customizing the toolsuite
- Fast, knowledgeable support through direct access with our world-class support experts

This new release includes performance and usability enhancements, as well as upgrades to the underlying GNU tools.

Description

GNUPro, recognized as the world's most popular embedded development tools suite, is a collection of tools and runtime technologies that enables the creation, deployment, and testing of target software components for devices.

The core of the GNUPro toolsuite include specially configured, built, tested, and supported versions of the GNU development tools:

- GCC version 3.4-mep-031219
- GDB version 6-mep-031219
- Insight, the graphical debugger interface, version 6 mep-031219
- GNU binutils version 2.14-mep-031219
- The newlib ISO C runtime library, version 1.10.0-mep-031219

GNUPro for MeP also includes a complete, customizable software simulator for the MeP core, and the MeP-Integrator tool.

The MeP-Integrator tool is used to customize the GNUPro toolsuite, enabling or disabling optional instructions, memory maps, UCI/DSP units, hardware engines, and more. This enables full hardware/software co-design of MeP based solutions.

This new version also has ability to customize the GNUPro binaries without rebuilding them from source. With this functionality, users can generate custom MeP tools very quickly.



This latest release of Red Hat's GNUPro for the Media embedded Processor runs on:

- Red Hat Enterprise Linux v.3 for x86
- Sun Solaris 7, 8 and 9 for sparc
- Microsoft Windows 2000 and XP

Availability

Support offerings for GNUPro for MeP version mep-031219 are available immediately.

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