

GNUPro™ for FR451 Linux Development

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Overview

Red Hat's GNUPro toolsuite for Fujitsus' FR-V family of processor cores with MMU (memory management unit) provides:

- Easy-to-install versions of the full suite of industry-standard GNU development tools and libraries for FR-V Linux development
- Reference ports of the Linux kernel and a root filesystem for a hardware platform from Fujitsu
- GNUPro documentation, including a "Getting Started" guide and tutorials
- Fast, knowledgeable support through direct access with our world-class support experts

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 and development kit includes specially configured, built, tested, and supported versions of the GNU development tools and runtime technologies:

- GCC version 3.4 or newer
- GDB version 6 or newer
- Insight, the graphical debugger interface, version 6
- GNU binutils version 2.14 or newer
- Linux kernel based on the 2.4 Linux kernel
- glibc, the royalty free, standard GNU C library version 2.3.3 or newer
- A pre-built root filesystem of popular packages

This release supports Fujitsu's FR-451 VDK hardware platform.

The package contents of the root filesystem include `boa`, `busybox`, `bzip2`, `coreutils`, `dhcp`, `linux-ftp`, `netkit-base`, `netkit-ftp`, `netkit-routed`, `netkit-telnet`, `netkit-tftp`, `net-snmp`, `nfs-utils`, `ntp`, `openssh`, `openssl`, `portmap`, `tinylogin`, `w3c-libwww`, `xmlrpc-c`, `zlib` and more.

This latest release of Red Hat's GNUPro for the FR-V architecture runs on Red Hat Enterprise Linux v.3 for x86.



Availability

Support offerings for GNUPro/Linux for FR-451 are available immediately.

In addition, an new version of the GNUPro uClinux development environment is also available.

See <http://www.redhat.com/embedded> for more information.

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