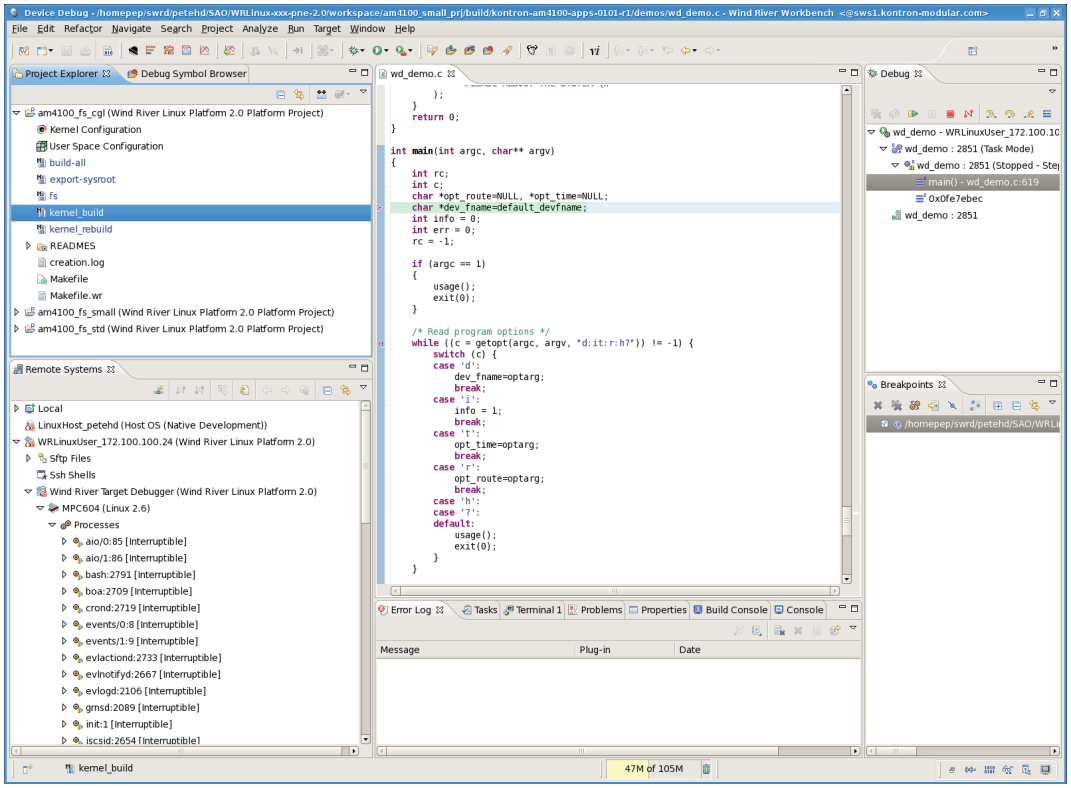
kontron

» PRAMC MPC8641 Platform BSP «



WIND RIVER PARTNER

PRAMC MPC8641 Platform BSP for Wind River Linux

» Off-the-shelf BSP for Wind River Linux

» Supports Linux SMP

» Fully integrated into the Wind River Workbench

» Supports platform board specific devices

» Supports AM4100 and AM4101

PRAMC MPC8641 Platform BSP
for Wind River Linux

The Kontron BSPs for Wind River platforms are designed to get customers started immediately with application development instead of first getting involved with BSP integration or hardware bring-up issues. Support of board specific devices and interfaces has been added to the BSP to achieve the full benefit of the functions provided by the hardware.

The BSP is prepared to use the Wind River system diagnostic and debugging tools which are integral elements of the Wind River Workbench.

Various methods for application deployment of the final system are supported. All boot devices can be used to load the kernel and the root file system. Tools to install a system for stand alone deployment are bundled with the BSP.

Technical Information

Wind River Linux Platform	Platform for Network Equipment (Wind River Linux 2.0/3.0) (Other platforms can be supported, please contact Kontron)
Root File Systems	glib_cgl, glib_std
Kernel Profiles	cgl, standard
Multi Processing	Symmetric (SMP)
Boot Devices	Network Compact Flash NOR Flash
PCI Express	Root Complex
Serial RapidIO	(Please contact Kontron for Support of sRIO)
Ethernet	10/100/1000 BASE-T Enhanced TSECs
Serial	RS232 with hardware handshake
IPMI	Sensor Reading System Monitoring Graceful Shutdown
Miscellaneous Devices	Real Time Clock Hardware Watchdog (RESET, IRQ, TIMER, Dual-Stage) EEPROM for user data storage
Mass Storage	Compact Flash
Board Status Indication	General purpose LED block

NOTE: The feature list above represents a summary of functionalities supported by the platform BSP. Depending on the used Platform Board a subset of those features is available. For more information about implemented hardware features refer to the Platform Board Hardware Manual.

Ordering Information

Please contact your local sales office for ordering information.

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