



RTEMS Standard Support

RTEMS is an Open Source RTOS providing a powerful development and run-time environment that promotes the production of efficient real-time embedded applications.

Features:

- Permissive License
- Scalable Architecture
- Multiple APIs - Classic, POSIX
- Event-driven multitasking
- Priority-based, preemptive scheduling
- Responsive Interrupt Management
- Optional Rate Monotonic Scheduling
- Priority Inheritance & Ceiling Protocols
- Intertask communication and synchronization
- Symetric Multiprocessing (SMP)
- Reentrant ANSI C Library
- Add-on libraries including Python, Lua
- High performance BSD TCP/IP Stack
- Protocols: TCP, UDP, BOOTP, ARP, ICMP
- Servers: FTPD, HTTPD, TELNETD
- Clients: DHCP, DNS, TFTP, NFS

Processors Supported:

AArch64	MicroBlaze	PowerPC*
ARM	MIPS	RISC-V*
Blackfin	Moxie	SPARC*
Coldfire	Nios-II	SuperH
LM32	OpenRISC	v850
M68K		x86*

*32bit and 64bit support

Available Services:

- Training
- Board Support Package Development
- RTEMS Application Assistance
- Standard and Legacy Support
- Custom Application Development

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The RTEMS Project follows the standard free software practice and maintains the development source as well as the previous two release branches. The Standard Support Subscription provides support for these releases and the development version. There should be no expectation of support from the open RTEMS Project since that is a strictly volunteer effort. If you want to ensure you have timely answers to your questions and fixes to the problems you encounter, then you need a Standard Support Subscription.

The Standard Support Subscription includes support for the RTEMS Development Environment on a typical development host and for your required RTEMS release branch. With OAR's expert guidance, the RTEMS Development Environment is easy to install and configure.

Legacy Support for RTEMS includes:

- Access to RTEMS Releases and Development Resources
- RTEMS Development Environment Assistance
- Bug Reporting and Patches
- Direct Reporting and Patches
- Direct Contact with RTEMS Engineers
 - normally less than 24 hours
 - always within 2 business days
- Rapid Problem Response
 - solutions as quickly as technically possible
- Downloadable RTEMS Documentation
- Covers RTEMS 6 branch or development head

OAR has long recognized that real-time embedded systems often have fielded lifespans which may far exceed a decade. If your project continues to use an RTEMS version after it is older than the two release branches covered by Standard Support, you can transition to Legacy Support for long term assistance.

RTEMS Support is available on an annual subscription basis. Addressing RTEMS issues that impact your development effort or fielded product in a timely manner will save your engineering staff's time and your product's reputation.

Please contact OAR as sales@OARcorp.com for more details.