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ATAVRRRTOS contains the complete source code of Micrium uC/OS-II Real Time Operating System. Also includes is the Kernel Aware plug-ins for AVR Studio and Micrium supported versions for ATmega128/2561. With this kit you can write complex uC/OS-II based code and debug within the AVR Studio framework. Support is included for STK500/501/503 and JTAGICE mkII.

Micrium uC/OS-II is a high quality portable, ROMable, scalable, preemptive real-time, deterministic, multitasking kernel. It is certified for a wide range of applications, and provides the following services:

- Semaphores
- Event Flags
- Mutual Exclusion Semaphores (to reduce priority inversions)
- Message Mailboxes
- Message Queues
- Task Management
- Time Management
- Fixed Sized Memory
- Block Management

ATAVRRRTOS contains a book and CD-ROM with software.

Find more information here: <http://www.micrium.com/atmel/index.html>

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