

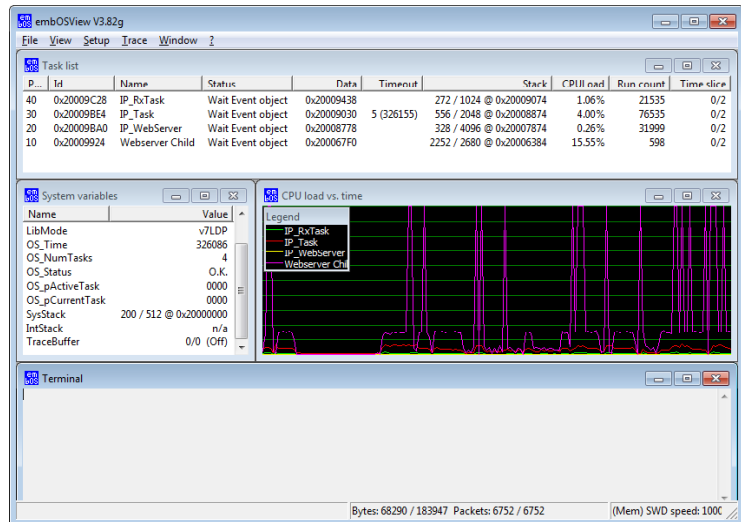


SEGGER announces new RTOS embOS port for Renesas RL78

Hilden, Germany – June 9th, 2011 – SEGGER Microcontroller today announced that embOS, the powerful, easy to use RTOS, is available for the RL78 from Renesas.

The real-time kernel embOS supports a premium feature set, such as the embOSView task-level profiling tool, an unlimited number of tasks and no need for compile-time configuration. The plug-in for IAR's Embedded Workbench provides task-sensitive information. This allows the developer to monitor all relevant data from suspended tasks and running tasks during debug sessions.

"Our company has a very long history with Renesas and especially with the predecessor of the RL78 the NEC 78k0. A number of years ago the embOS development started on an NEC 78k0 processor that has now evolved into the RL78 cost-effective micro-controller with very low power consumption. Therefore it has been a logical step for us to offer a new embOS for this microcontroller," says Dirk Akemann, Marketing Manager of SEGGER.



embOS is a high-performance real-time OS that has been optimized for minimum memory consumption in both RAM and ROM, as well as high speed and versatility. It supports fully nested interrupts for zero interrupt latency. embOS is a priority-controlled multi-tasking system, designed as an embedded operating system for real-time applications for all popular CPUs. It provides a migration path with identical APIs across all platforms.

"The availability of embOS for the RL78 is another example of the good results of the long partnership between Renesas and SEGGER. The small footprint and high performance of embOS complement the low-power-modes of the RL78 making both products a perfect match", says David Noverraz, Product marketing manager for development tools at Renesas Europe.

embOS is available as full source code and comes with a simple licensing model without royalties. Full product specifications and a trial version are available at: <http://www.segger.com/>

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About SEGGER

SEGGER Microcontroller develops and distributes hardware and software development tools as well as software components for embedded systems. An "embedded system" is one in which a microprocessor and associated components are incorporated into a device helping to accomplish difficult and complex tasks in products such as cell phones, medical instruments, instrument clusters, measurement instruments, satellite radios, digital cameras etc.

SEGGER was founded in 1997, is privately held, has been profitable since its inception, and is growing steadily. Based in Hilden with distributors in all continents and a local office in Massachusetts, SEGGER offers its full product range worldwide.

SEGGER software products include: embOS (RTOS), emWin (GUI), emFile (File System), emUSB (USB host and device stack) and embOS/IP (TCP/IP stack). With the experience in programming efficiently on embedded systems, SEGGER created highly integrated, cost-



effective programming and development tools, such as the Flasher (stand-alone flash programmer) and the industry leading J-Link/J-Trace emulator.

SEGGER's intention is to cut software development time for embedded applications by offering affordable, high quality, flexible and easy-to-use tools and software components allowing developers to focus on their applications. Find out more at <http://www.segger.com>

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