

For immediate Release

embOS ARM supports kernel monitoring via J-Link and DCC

Hilden, Germany – October 20, 2008 - SEGGER Microcontroller, a leading manufacturer of middleware, debug probes and flash programming solutions for embedded systems, today announced the availability of embOS ARM version 3.62a. This latest version supports kernel monitoring via J-Link ARM and DCC for all ARM7, ARM9, ARM11 and XScale targets. The kernel viewer application embOSView is a stand-alone application which comes with embOS without additional cost. It is also included in the trial version available for download. The full functionality of embOSView is available via DCC, including real time monitoring of all relevant OS objects, stack usage and execution time of individual tasks as well as graphical display of CPU times for all or selected tasks in the system.

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Local .	Name	Status	Data	Timeout	Stack	CPULoad	ContextSwitches	
120 20191C	Maintask	Delay	Data	5(143148)	176 / 1024 @ 201388	0.38%	49562	
	Task0 (RR)	Ready			100 / 1024 @ 200388	33.25%	3511	
	Task2 (RR) Task1 (RR)	Exec Ready			100 / 1024 @ 200B88 100 / 1024 @ 200788	33.34% 33.24%	3471 3494	100
119 201/CC		Ready			10071024@200700	JJ.2770	JT9T	10
								13
👸 System varia	bles	_ 0		CPU load vs. tin	ne			
Name OS_VERSION		va 3.62a		egend Maintask			/	Es
CPU		IAR ARM		Task0 (RR)				211
LibMode		T4L	DP	Task2 (RR)				
OS_Time OS_NumTasks		1429	4	Task1 (RR)				
OS_NulliTasks OS_Status		0	.к.		N		USB	
OS_pActiveTask		2018	10					
OS_pCurrentTask		2018					1	
SysStack IntStack		204 / 256 @ 2002 28 / 128 @ 2003			ii ii	1	jlink	
TraceBuffer		0/0 (C					mak	
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		By	tes: 381	58 / 74946 Packet:	s: 3800 / 5669	J	TAG	
						V		

About embOS[®]

embOS is a priority-controlled multitasking system, designed to be used as an embedded operating system for the development of real-time applications for all popular CPUs. 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. Nested interrupts are supported, causing zero additional interrupt latency.

embOS comes with embOSView, a run-time task-level profiling tool. embOS is provided as full source code and comes with a simple licensing model without royalties. The user manual with full product specifications and a trial version are available at:



http://www.segger.com/embos.html

About SEGGER

SEGGER Microcontroller develops and distributes hardware and software development tools as well as software components. All software components are ANSI "C" compliant and can be used in embedded systems including industries such as telecom, medical technology, consumer electronics, automotive industry and industrial automation. SEGGER software products include: embOS (RTOS), emWin (GUI), emFile (File System), emUSB (USB device stack) and embOS/IP (TCP/IP stack). Besides the highly efficient software products, SEGGER also provides embedded hardware tools such as the well-known JTAG emulator J-Link, J-Trace and the Flasher (stand alone programmer). SEGGER's intention is to cut software development time for embedded applications by offering affordable, flexible and easy-to-use tools and software components allowing developers to focus on their applications.

Contact information:

Ivo Geilenbrügge, Marketing Manager Tel: +49-2103-2878-0 E-mail: info@segger.com

Issued on behalf of:

SEGGER Microcontroller GmbH & Co. KG In den Weiden 11 40721 Hilden Germany

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