



Press Release **For Immediate Release**

Realtime, Multicore JamaicaVM for Wind River Systems VxWorks Realtime Operating System

Design East, Boston, Massachusetts - Monday September 17, 2012

aicas GmbH and aicas incorporated announce the release of Realtime, Multicore JamaicaVM development toolchain and runtime for Wind River Systems VxWorks Realtime Operating System. Multicore JamaicaVM combines our global realtime thread scheduler with our parallel and concurrent, fully preemptive, thread distributed, garbage collector. VxWorks developers, using Multicore JamaicaVM are now able to develop hard realtime applications on multicore CPU architectures using the Java programming language. The combination of VxWorks realtime kernel with JamaicaVM's embedded, optimizing compiler, Realtime Specification for Java support, and multicore runtime delivers scalability and performance to the embedded software industry.

Dr. Fridtjof B. Siebert, CTO of aicas, said "With the release of Multicore JamaicaVM on VxWorks, aicas now offers a path for developers to scale their applications from small singlecore CPU to large multicore CPU architectures without recompiling their Java language source code. Once again, aicas helps deliver on the write-once-run-anywhere promise of the Java programming language and runtime environment. Multicore JamaicaVM provides another needed step in future proofing software for the embedded developer community."

About aicas

aicas produces Java development and analysis tools for realtime and embedded systems. Headquartered in Karlsruhe, Germany, the firm has been serving the embedded software marketplace since 2001. The aicas group provides products and services for the military/aerospace, industrial automation, automotive, robotics, medical devices, consumer POS, financial, and general embedded computing markets.

JamaicaVM, the flagship product of aicas, is a hard realtime runtime environment incorporating leading edge deterministic garbage collection technologies for running realtime Java programs using the Real-Time Specification for Java (RTSJ) extensions and standard Java classes. JamaicaVM is available for 32bit and 64bit CPU architectures and for singlecore and multicore systems.

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