



Press Release **For Immediate Release**

64 bit Realtime, Multicore JamaicaVM for the Linux Operating System

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

aicas GmbH and aicas incorporated announce the release of 64bit, Realtime, Multicore JamaicaVM development toolchain and runtime for the Linux Operating System. Multicore JamaicaVM combines our global realtime thread scheduler with our parallel and concurrent, fully preemptive, thread distributed, garbage collector. Linux developers, using Multicore JamaicaVM are now able to develop hard realtime applications on multicore CPU architectures using the Java programming language. The combination of Linux, the PREEMPT_RT patch and JamaicaVM's embedded, optimizing compiler, Realtime Specification for Java support, and multicore runtime delivers scalability and performance to the embedded Linux software industry.

Dr. Fridtjof B. Siebert, CTO of aicas, said "With the release of 64 bit Multicore JamaicaVM on Linux, aicas now offers a path for developers to scale their applications upto large multicore CPU architectures with 128 GB of RAM 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. 64 bit 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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