



PRESS RELEASE • PRESS RELEASE • PRESS RELEASE • PRESS RELEASE

FSMLabs adds support for Abatron BDM/JTAG real-time debugging

Socorro, NM – October 24, 2006 - FSMLabs (<http://www.fsmlabs.com>) and Ultimate Solutions (<http://www.ultsol.com>) announced that they are offering immediate support for use of Abatron BDI debugger on RTLinuxPro and RTCoreBSD real-time operating systems. “Our customers and developers have successfully used the BDI on Arm, Coldfire, PowerPC and other embedded processors and it works well with the tools we provide” said FSMLabs CTO Cort Dougan. “We have an increasing number of customers who need the combination of Linux or BSD and hard real-time” said Peter Tympanick, Director of Sales at Ultimate Solutions. Since Abatron BDI software is designed to work with GDB, it is completely compatible with FSMLabs basic development kits. FSMLabs Eclipse based IDE and LinuxScope-JTD also work well together.

“Our goal is to allow device developers to focus on their products instead of on the operating system, bootloaders and filesystem” said FSMLabs CTO Cort Dougan, “and clearly, support for JTAG debug is a fundamental component.”

Abatron's tools offer a comprehensive support for debuggers from leading vendors. In most cases, the BDI family and the associated software packages eliminates the need for expensive hardware like an in-circuit emulator. The BDI2000 allows communication via RS232, USB, or 10 BASE-T Ethernet between the development computer and the BDM or JTAG interface of the target system.

FSMLabs patented hard real-time virtualization technology decouples the POSIX RTCore real-time kernel from an embedded Linux (or BSD UNIX) client operating system that is completely preemptible by time critical code. Developers can control motors, acquire data, and move packets in real-time, while also taking advantage of the enterprise software platform provided by Linux. The Linux system provides a complete, fully functional, enterprise class platform operating system with a complete set of development tools, sophisticated networking and storage, and comprehensive security, all running under the modular POSIX API hard-real-time RTCore.

FSMLabs Embedded Enterprise initiative aims at exploiting the productive synergy between state of the art POSIX real-time in FSMLabs RTCore and the sophisticated capabilities and rich base of drivers, middleware and applications available on the Linux and BSD clients.

About FSMLabs

FSMLabs provides hard real-time mission-critical solutions designed for reliability and simplicity of operation. FSMLabs was founded in 1998 and is privately held, with headquarters in New Mexico and sales and engineering staff world-wide. FSMLabs products include RTLinux, RTCoreBSD, LNet real-time networking, PSDD protected memory real-time, VxIT legacy emulation, Carrier Grade Linux, RTCore Eclipse IDE and ControlsKit XML/RPC interface builder. For more information, visit www.fsmlabs.com or email sales@fsmlabs.com.

RTLinux, RTCore, LNet, PSDD, ControlsKit, and FSMLabs are registered trademarks of Finite State Machine Labs Inc. "Embedded Enterprise" is a trademark of FSMLabs. Linux is a registered trademark of Linus Torvalds. All other trademarks are the property of their respective organizations.

About Ultimate Solutions, Inc.

Ultimate Solutions was founded in 1999 with the vision to provide developers of embedded systems with a single channel to procure a wide spectrum of professional development tools. In 2006, the company created a new division that focuses on the sale of small form factor processor and communications modules. USI's product lines target the most commonly used general purpose CPUs and programmable DSPs available in the market. For more information, please visit <http://www.ultsol.com>

###

For more information, Contact:

Susan Thomas
Ultimate Solutions, Inc.
Phone (Toll Free): 866-455-3383 x201
Fax: 978-926-3091
Email: stthomas@ultsol.com



Ultimate Solutions, Inc.

10 Clever Lane, Tewksbury, MA 01876
Phone: 978-455-3383
Toll Free 866-455-3383 Fax: 978-926-3091
<http://www.ultsol.com>

Development Tools for Embedded Systems

-XXX-