



## **Embedded Alley Delivers Development System for Android-based Devices – Takes Android Beyond Mobile**

*Partners with MIPS Technologies in Supporting Android Applications in Consumer Electronics, Automotive, Networking and More*

**San Jose, California and Taipei, Taiwan, June 1, 2009** – Embedded Alley, a leading provider of embedded Linux® solutions, today announced shipment of the Embedded Alley Development System for Android-based Devices. The Development System enables development of Android-based intelligent devices built on MIPS Technologies’ processors, targeting applications in domains beyond mobile handsets. Delivery of the Embedded Alley Development System enables both systems and applications developers to extend the reach of Android to encompass multimedia, Mobile Internet Devices, digital video and home entertainment, automotive, medical, networking, instrumentation and industrial control.

Embedded Alley is working closely with open source community maintainers, MIPS Technologies and the MIPS® partner ecosystem. The company sustains strong participation in key open source projects (including Open Embedded, ALSA and Linux kernel development) to ensure upstream integration of Android support in key project code. Equally, Embedded Alley cultivates and maintains strategic partnerships for thoroughgoing commercial support of Android device and application development. “We look to Embedded Alley as both an ecosystem partner and as an ambassador to key open source projects,” commented Art Swift, MIPS Technologies vice president of marketing. “With deep experience in embedded Linux, the MIPS architecture and multiple application domains, they will help enable OEMs to leverage the powerful combination of Android and MIPS.”

“The opportunities presented by Android span the gamut of intelligent devices types and markets,” noted Matthew Locke, Embedded Alley COO. “To meet the visible and growing demand for Android enablement in new designs, Embedded Alley has made significant investment in creating and delivering our Development System.” These investments include:

- Porting the Dalvik virtual machine underlying Android to the MIPS architecture, including architecture and build support and comprehensive optimization for Dalvik acceleration on MIPS cores
- Extending Android bionic library, linker and other Android infrastructure to the MIPS architecture
- Providing an Android-compliant Linux kernel and configuration tools for the RMI Au1250 SoC and MIPS processors
- Integrating and testing board support and industry-specific device drivers, CODECs and other middleware
- Supporting the MIPS architecture in the Android Software Development Kit (SDK) and Android targets in the Embedded Alley customizable Development System

## Embedded Alley Development System Features

Supporting Android for MIPS-Based™ devices entails a range of capabilities and investments above and beyond supplying a stock Linux kernel. The Embedded Alley Development System for Android-based Devices features:

- Support for cross development of system-level and application software for MIPS-based devices hosting the Android platform
- Up-to-date MIPS production kernels (2.6.28) for MIPS CPU cores, run-time libraries and other core components for Android
- Optimized Dalvik Virtual Machine and JNI (Java Native Interface)
- Android Application Framework and SDK (Eclipse Plug-in)
- Android Device Emulator for Eclipse

## Availability

The Embedded Alley Development System for Android-based Devices is available immediately and includes support for select MIPS architecture boards from RMI and other MIPS licensees. RMI will be demonstrating Embedded Alley support for Android on the Alchemy Processor family at COMPUTEX in Taipei, Taiwan on June 2-6, 2009. Contact Embedded Alley for more information at <http://www.embeddedalley.com> or via email at [info@embeddedalley.com](mailto:info@embeddedalley.com).

## About Embedded Alley

Embedded Alley enables its customers to develop and deliver winning products by bridging the gap between open source and commercial software, providing Linux, middleware and expertise to OEMs building a broad range of mobile and embedded devices and communications infrastructure equipment.

Founded in 2004, Embedded Alley is headquartered in San Jose, California, with operations worldwide. To learn more, please visit <http://www.embeddedalley.com>.

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