

Wind River Accelerating Development and Deployment of Feature-Rich Android Devices

Wind River has introduced updated versions of its Wind River Platform for Android and Wind River Framework for Automated Software Testing (FAST) for Android to help developers deliver feature-rich Android devices to market quickly and reliably. Additionally, Wind River Platform for Android, a commercial software platform based on the Android software development kit, includes upgrade paths to future Android releases, including Gingerbread and Honeycomb to support a wider range of devices such as tablets.

“In the rush to develop Android devices, device manufacturers must still contend with product development issues such as software quality and Android compliance while also building distinctive and innovative products,” said Michael Krutz, vice president of worldwide solutions and services at Wind River. “Wind River provides commercial-quality software solutions to rapidly develop high-quality Android devices so device manufacturers can focus the majority of their efforts on the differentiating features that set their products apart from the competition.”

Wind River Platform for Android now includes DLNA Digital Media Server (DMS) functionality, which allows an Android device to act as a DMS and share its media files such as movies, music or photos with other networked DLNA Certified devices across a digital home. A key differentiator for larger screen Android devices, Wind River Platform for Android offers a multi-windowing experience such as concurrent active application windows, windows movement, resizing and theme support. Wind River Platform for Android also supports USB On-the-Go, a USB specification for mobile applications that adds host functionality for connection to USB peripherals. This allows a mobile Android device to connect to other USB devices such as a keyboard, mouse or, for example, USB disks to access media files and enjoy them on the Android device. Wind River Platform for Android now includes Ethernet support. Also, Wind River Platform for Android adds silicon support for NVIDIA Tegra 250, in addition to existing support for Intel, Qualcomm QSD/MSM and TI OMAP architectures.

Wind River FAST for Android, an automated software testing solution for Android-based devices, helps device manufacturers and operators rapidly test and validate software and prove compliance with the Android Compatibility Test Suite. The latest Wind River FAST for Android supports 64-bit Ubuntu 10.04 and includes enhancements to the testing framework and expanded test coverage areas.

The following are new key features and benefits of Wind River FAST for Android:

- * Improved error reporting mechanisms, including console logging and crash detection for the monitoring of errors or crashes, log filtering for easier searches and detailed test script reports

- * Predefined tagging schema for easier test filtering
- * Increased test assets including new GPS and location manager tests, localization tests and additional stress tests
- * Support for testing multiple devices over USB and also TCP/IP

Additionally, at Mobile World Congress 2011, Wind River is previewing Wind River FAST technology for MeeGo, which demonstrates automated software testing for MeeGo software stacks for the rapid development of MeeGo devices. The demonstration showcases a variety of capabilities including tests to prove MeeGo compliance, user experience tests and a MeeGo core test suite covering vital elements such as connection, telephony, location, graphics and audio. Also at Mobile World Congress, Wind River will demonstrate a new MeeGo tablet user experience that has been specifically developed for these devices. For this tablet demonstration, Wind River provided user interface implementation, system integration and optimization services.

Wind River is showcasing its latest mobile demonstrations at the Wind River booth in Hall 2, booth 2C04 at Mobile World Congress. To learn more about Wind River at Mobile World Congress, visit <http://www.windriver.com/announces/mobile-world-congress/> [1].

Updated versions of Wind River Platform for Android and Wind River FAST for Android are immediately available. Additional information about Wind River Platform for Android is available at <http://www.windriver.com/solutions/mobile-devices/android.html> [2]. To learn more about Wind River FAST for Android, visit <http://www.windriver.com/products/mobile-linux/fast.html> [3].

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