

Renesas Selects Wind River FAST for Android Software Testing

Wind River, a world leader in embedded and mobile software, announced Renesas Electronics, a premier supplier of advanced semiconductor solutions, has selected Wind River Framework for Automated Software Testing (FAST) to test Renesas Electronics' Cortex-A9-based system-on-chip (SoC) platform for Android-based smartphones and consumer products. Wind River FAST for Android is a fully automated software testing solution that assists silicon vendors, device manufacturers and mobile operators in improving the software quality of their Android implementations and test performance, compliance and device user interface and user experience.

"Wind River FAST for Android helps companies, especially those with demanding product schedules and complex designs, tackle the challenges of Android software testing and deliver high-quality products on time and on budget," said Jerry Ashford, vice president and general manager of mobile solutions at Wind River. "By investing in our reliable, commercial-quality test solution, customers can focus efforts and resources on critical issues such as developing unique features that differentiate their mobile devices and verifying Android compliancy. Wind River FAST significantly reduces the overhead associated with quality testing and compliance."

Renesas Electronics is a world-leading supplier of microcontrollers and a premiere supplier of advanced semiconductor solutions including microcontrollers, SoC solutions and a broad range of analog and power devices as well as LCD modules. Renesas Electronics uses Wind River FAST for Android to streamline its software testing process, improve software quality and stability through the use of a variety of tests including the Wind River Advanced Device Characterization Suite, and verify compliance with Android Compatibility Test Suite (CTS). For easy access and reporting of test results, Wind River FAST for Android automates thousands of heterogeneous tests and then consolidates the results into a single uniform database.

"To conduct software testing for Android, it would have required our teams to spend extra time and resources during the testing process. Instead, we're leveraging Wind River FAST for Android's out-of-the-box tests for performance, stability and compliance," said Hiromi Watanabe, general manager of SoC Software Platform Division at Renesas Electronics Corporation. "Wind River not only delivered an automated testing solution that fit our needs but also came to the table with vast Android expertise. Ultimately, we will be able to increase product quality and meet tight time-to-market deadlines."

Additionally, Wind River provides Renesas Electronics with award-winning support, Wind River FAST installation and engineering consulting and training services, including integration of software components, assistance throughout software

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testing for graphics and multimedia framework customization and optimization work to enable Android on Renesas Electronics' SoCs.

For additional information or to evaluate Wind River FAST for Android, visit <http://www.windriver.com/products/mobile-linux/fast.html> [1].

To learn more, visit Wind River at www.windriver.com [2] or www.facebook.com/WindRiverSystems [3].

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