IAR Embedded Workbench for ARM gains analysis tools integration and power optimization possibilities for all ARM cores

The latest version of IAR Systems' high-performance ARM development tools enhances functionality and adds support for additional microcontrollers from leading semiconductor vendors

Uppsala, Sweden—June 27, 2013—Today, IAR Systems® launches a new version of its embedded development toolchain IAR Embedded Workbench® for ARM®. Version 6.60 adds possibilities for running Power Debugging on all ARM cores, as well as functionality for invoking external code analysis tools.

Added support for IAR Systems' I-scope™ probe adds possibilities for current and voltage measurements. I-scope is used together with the in-circuit debugging probe I-jet™ and offers developers knowledge of the power consumed by individual modules, enabling them to optimize their applications for power consumption, detect if design flaws in the code are causing unnecessary power consumption and possibly extend battery lifetime. The measurement capability is supported for all ARM cores, including the low-power ARM Cortex™-M0/M0+ cores. The energy-efficient features of microcontrollers based on these cores can be fully benefitted from using this technology. For ARM Cortex-M3/M4 cores, code correlation with the measured values is also provided.

There is an increasing use of code analysis tools in embedded projects. To respond to the needs of customers using analysis tools, IAR Systems adds a flexible mechanism for invoking external analyzers for project files. The functionality is typically used to interface to static analysis tools like PC-lint. The new intuitive integration makes it easy to use these tools together with IAR Embedded Workbench.

New in the IAR C/C++ Compiler is code generation for execute-only code memory systems. This allows the compiler to be configured to not generate any data accesses to code memory. This can be very useful for systems that prohibit data accesses in code memory for security reasons.

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Version 6.60 also expands the world's broadest ARM support with support for additional microcontrollers from leading semiconductor vendors such as Atmel, Energy Micro, Freescale, Fujitsu, Renesas, STMicroelectronics and Toshiba.

Read more about the new version and download free evaluation licenses from www.iar.com/ewarm.

Ends

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About IAR Systems

IAR Systems is the world's leading supplier of software tools for developing embedded systems applications. The software enables over 19,000 large and small companies to develop premium products based on 8-, 16-, and 32-bit microcontrollers, mainly in the areas of industrial automation, medical devices, consumer electronics, telecommunication, and automotive products. IAR Systems has an extensive network of partners and cooperates with the world's leading semiconductor vendors. IAR Systems Group AB is listed on NASDAQ OMX Stockholm. For more information, please visit www.iar.com