Product News

IAR Systems provides unique line-up of complete development tools for Arm

The leading independent Arm tools provider enables developers to create for the future

Arm TechCon, Santa Clara, California—October 24, 2017—IAR Systems®, the future-proof supplier of software tools and services for embedded development, enables companies worldwide to create high performance embedded applications with ensured code quality. No other tools vendor is able to offer the combined strengths of the widest device support, the best code optimizations and comprehensive debugging functionality, as well as integrated code analysis tools. For companies working with safety-critical applications, development tools certified for functional safety according to IEC 61508 and ISO 26262 is also available. In addition, the company provides extensive global customer service and technical support as well as technical training.

IAR Embedded Workbench® for Arm® offers a complete IDE with everything a developer needs in one single view. The included IAR C/C++ Compiler™ provides leading code optimizations technology, and is compliant with the latest C language standard ISO/IEC 9899:2011 and the latest C++ standard ISO/IEC 14882:2014. The easy-to-use, fully integrated tool C-STAT® enables thousands of developers worldwide to make static code analysis part of their daily workflow and ensure compliance with rules as defined by MISRA C:2012, MISRA C++:2008 and MISRA C:2004, as well as CWE and CERT C/C++. Also completely integrated in the IDE, C-RUN® performs runtime analysis by checking application execution directly within the development environment.

IAR Embedded Workbench for Arm incorporates the powerful C-SPY® Debugger with comprehensive debugging functionality such as full instruction trace enabled by Embedded Trace Macrocell (ETM), as well as Program Trace Macrocell (PTM) trace. It includes RTOS plugins and wide support for communication stacks and middleware.

"To ensure our tools stay ahead of the competition, we invest about 30 percent of our revenue in R&D," says Petter Edman, CTO, IAR Systems. "In addition to our outstanding technology, we can deliver the market's most comprehensive processor support by a wide margin. This is made possible by strong relationships and longstanding knowledge sharing with partners, and has enabled some of the world's largest corporations and thousands of small and mid-sized companies to standardize their development

– more –

on our software. New core and device support is continuously being added, most recently with the Arm Cortex-R52 functional safety processor."

The latest version of IAR Embedded Workbench for Arm, 8.20, adds stack protection. Learn more about the tools at www.iar.com/iar-embedded-workbench/tools-for-arm.

Ends

Editor's Note: *IAR Systems, IAR Embedded Workbench, IAR Connect, C-SPY, C-RUN, C-STAT, IAR Visual State, IAR KickStart Kit, I-jet, I-jet Trace, I-scope, IAR Academy, IAR, and the logotype of IAR Systems are trademarks or registered trademarks owned by IAR Systems AB. All other products names are trademarks of their respective owners.*

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About IAR Systems

IAR Systems supplies future-proof software tools and services for embedded development, enabling companies worldwide to create the products of today and the innovations of tomorrow. Since 1983, IAR Systems' solutions have ensured quality, reliability and efficiency in the development of over one million embedded applications. The company is headquartered in Uppsala, Sweden and has sales and support offices all over the world. IAR Systems Group AB is listed on NASDAQ OMX Stockholm, Mid Cap. Learn more at www.iar.com.