



Product News

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IAR Systems reports breakthrough as provider of code analysis tools

The static analysis tool C-STAT continues to grow in sales and customer interest each month

ARM TechCon, Santa Clara, California / Uppsala, Sweden—November 11, 2015—IAR Systems® reports that its add-on tool for static analysis, C-STAT®, has been a successful launch with many customer requests all over the world, a strong sales growth and an ongoing rollout in a number of product versions.

“C-STAT has been successfully received by our customers and by the market, and I am proud to say that its success is another true acknowledgement that we focus on the right things at the right time,” says Stefan Skarin, CEO, IAR Systems. “For several years, we’ve seen an increasing demand for automated code control, and our solution is to provide analysis tools that are completely integrated in the daily work of the developer. That’s why we have launched tools for static analysis through C-STAT as well as runtime analysis through C-RUN®. We will continue to listen to our customers’ needs and support them with high-performance tools that ease their development work and let them focus on delivering high-quality products to the market.”

Launched in February 2015, C-STAT is a powerful static analysis tool that is completely integrated in the embedded development toolchain IAR Embedded Workbench®. Static analysis finds potential issues in code by doing an analysis on the source code level. Such errors include memory leaks, dead code, arithmetic errors and array and string overruns that can cause safety and security issues and affect the performance and quality of a product. C-STAT checks compliance with rules as defined by the coding standards MISRA C:2004, MISRA C++:2008 and MISRA C:2012, as well as hundreds of rules based on for example CWE (the Common Weakness Enumeration) and the CERT C/C++ Secure Coding Standards. Users can easily select which ruleset and which individual rules to check the code against, and the analysis results are provided directly in the IAR Embedded Workbench IDE.

“When we started to look into static analysis, we soon found out that there is an opportunity in the market where excellent value for money meets an easy-to-use workflow with zero tool integration issues,” says Anders Holmberg, Analysis Tools Product Manager, IAR Systems. “The easy-to-use, fully integrated tool C-STAT fills this need as it enables thousands of developers worldwide to make static

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analysis part of their daily workflow.”

C-STAT is available as an add-on for a number of products, for example IAR Embedded Workbench for ARM®, for Texas Instruments MSP430 and for Renesas RX. Read all the details at www.iar.com/cstat.

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Editor's Note: IAR Systems, IAR Embedded Workbench, IAR Connect, C-SPY, C-RUN, C-STAT, visualSTATE, IAR KickStart Kit, IAR Experiment!, 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 provides developers of embedded systems with world-leading software tools for developing competitive products based on 8-, 16-, and 32-bit processors. Established in Sweden in 1983, the company has over 46,000 customers globally, 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.