

Product News

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IAR Systems offers runtime analysis simplified for IAR Embedded Workbench users

Fully integrated with IAR Embedded Workbench for ARM, C-RUN is an add-on product that provides developers with unmatched accessibility to powerful code analysis

Uppsala, Sweden—May 19, 2014—Today, IAR Systems® proudly announces that its runtime analysis product C-RUN™ is available as an add-on to the world-leading development toolchain IAR Embedded Workbench® for ARM®. Integrated with the toolchain, C-RUN offers each developer access to runtime analysis that brings powerful functionality and is easy to use.

C-RUN is a brand new product from IAR Systems that performs runtime analysis by monitoring application execution directly within IAR Embedded Workbench. The tight integration with the toolchain supports the full cycle of implementation, testing and debugging. C-RUN for ARM has several powerful features such as bounds checking to ensure accesses to arrays and other objects are within boundaries, different overflow and arithmetic checks, as well as a comprehensive heap checker. Flexible settings enable developers to customize analysis functionality according to specific needs.



“C-RUN is developed by IAR Systems’ own compiler and debugger tool experts and introduces code analysis as an early, natural part of the development cycle”, says Anders Holmberg, Product Manager, IAR Systems. “Thanks to the seamless integration of C-RUN with IAR Embedded Workbench for ARM, the workflow remains uninterrupted and the developer can expect to feel right at home when using C-RUN.”

“Runtime analysis that is both powerful and easy to use is not something that has been readily available to embedded developers. Our customers have inspired us to make runtime analysis more accessible, and I am very proud to now be able to offer them C-RUN for ARM”, says Stefan Skarin, CEO, IAR Systems. “We are well-known for the high performance and ease of use of our development tools, and with C-RUN we bring a new dimension to our world-leading ARM tools offering.”

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IAR Embedded Workbench for ARM is a high-performance C/C++ compiler and debugger toolchain that incorporates a compiler, an assembler, a linker and a debugger into one complete integrated development environment. C-RUN is available today, as an add-on product to version 7.20 of IAR Embedded Workbench for ARM. To read more about and explore C-RUN for ARM, visit www.iar.com/crun_arm.

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Editor's Note: IAR Systems, IAR Embedded Workbench, C-SPY, C-RUN, visualSTATE, Focus on Your Code, IAR KickStart Kit, IAR Experiment!, I-jet, I-scope, IAR Academy, IAR, and the logotype of IAR Systems are trademarks or registered trademarks owned by IAR Systems AB. All other products are trademarks of their respective owners.

IAR Systems Contact

Stefan Skarin, CEO, IAR Systems

Tel: +46 18 16 78 00 E-mail: stefan.skarin@iar.com

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.