IAR Systems reports major interest for integrated runtime analysis product

Downloads of IAR Embedded Workbench for ARM with add-on C-RUN breaks the 30,000 mark

Uppsala, Sweden—December 17, 2014—IAR Systems announces that its runtime analysis add-on product C-RUN is gaining major interest from customers. The add-on is integrated with the complete development toolchain IAR Embedded Workbench for ARM and the number of customers who have downloaded evaluation versions of the tools with C-RUN now exceeds 30,000.

C-RUN was made available in May 2014. It is sold as an add-on product and performs runtime analysis by monitoring application execution directly within IAR Embedded Workbench. Thanks to the tight integration with the toolchain, developers can make runtime analysis a natural part of the day-to-day workflow. No additional applications or integrations are needed.

Runtime analysis can find real and potential errors in the code while executing the program. To do this, the analysis needs to insert test code into the application. C-RUN is developed in-house by compiler and debugger experts and analysis instrumentation is performed completely integrated in the build chain. This reduces memory requirements and execution speed penalty to a minimum, enabling efficient testing on actual hardware. Runtime analysis helps find vulnerabilities early in the product development process, as opposed to find errors at a later stage, or even in the field, where they often have a much larger impact on production costs and time to market.

"We built C-RUN with a wide range of features based on requests from our customers and research in market needs," says Anders Holmberg, Product Manager for C-RUN, IAR Systems. "The product comes with flexible settings to enable single or multiple checks in each test run. Developers can simply select the desired checks, rebuild their project and run it in the debugger. C-RUN will give direct feedback on what went wrong and where."

"I'm glad to see such a great interest for our runtime analysis product," comments Thomas Sporrong, Global FAE Manager, IAR Systems. "Talking to customers, my team has seen a lot of appreciation for the fact that C-RUN is easy to use, yet fully featured. The tight integration with IAR Embedded

– more –

Workbench improves development workflow and makes runtime analysis a part of the regular debugging routine."

IAR Embedded Workbench for ARM is a powerful compiler and debugger toolchain that incorporates a compiler, an assembler, a linker and a debugger into one completely integrated development environment. C-RUN is available as an add-on product to version 7.20 or later of IAR Embedded Workbench for ARM. Learn more at www.iar.com/crun.

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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-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.