IAR Systems ensures complete code control for applications based on Renesas RX MCUs

Runtime code analysis is now available for users of IAR Embedded Workbench for Renesas RX through the add-on product C-RUN

Uppsala, Sweden—April 24, 2017—IAR Systems® is proud to announce a new version of its industry-leading development tools for Renesas RX, adding support for the runtime analysis tool C-RUN®. This addition completes the code analysis capabilities in IAR Embedded Workbench® for Renesas RX, which previously has support for the static analysis tool C-STAT®. Using C-RUN and C-STAT with IAR Embedded Workbench for Renesas RX enables complete code control through the entire development cycle.

C-RUN performs runtime analysis by checking application execution directly within the development environment. It features arithmetic checks, advanced bounds checking, and heap checking. As for C-STAT, C-RUN is completely integrated in the IAR Embedded Workbench IDE. Thanks to this tight integration, developers get up and running quickly with the analysis.

"The new version of IAR Embedded Workbench for Renesas RX delivers complete code control possibilities to the desk of every developer," says Micael Borgefeldt, Product Manager, IAR Systems. "C-RUN and C-STAT enable developers to add code analysis early in the development cycle and minimize the impact of software errors. Just like C-STAT, C-RUN is natural extension of our compiler and debugger technology. This tight integration allows developers to simply select the desired checks, rebuild the project, run it in the debugger and get instant feedback on the quality of their code."

IAR Embedded Workbench for Renesas RX provides a complete integrated development environment (IDE) including the IAR C/C++ Compiler™ with Renesas RX ABI compliance, an assembler, a linker and the C-SPY® Debugger. Version 3.10 of the toolchain adds an updated IDE that brings boosted user experience and improved workflows to developers worldwide. More information about IAR Embedded Workbench for Renesas RX is available at www.iar.com/iar-embedded-workbench/tools-for-rx. C-RUN is available as an add-on product. To read more about C-RUN, go to www.iar.com/crun.

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– more –

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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.