



Product News

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IAR Systems updates development tools for Freescale HCS12 with several user-friendly features

Uppsala, Sweden—March 31, 2014—IAR Systems® releases an updated version of its complete and world-leading development toolchain IAR Embedded Workbench® for HCS12. Plenty of new functionality is added to further improve ease of use and make the workflow more efficient for developers working with the 16-bit HCS12 microcontrollers from Freescale. In addition, the IAR C/C++ Compiler™ incorporated in IAR Embedded Workbench for HCS12 now uses the ISO/IEC 9899:1999 standard, known as C99, as the default C language.

Version 4.10 of IAR Embedded Workbench for HCS12 adds IAR Systems' updated text editor and source browser. New features includes auto completion, parameter hint, code folding, block select, block indent, bracket matching, zoom, and word/paragraph navigation. Available in the source browser is for example functionality for going directly to a chosen declaration, and for finding all references to a symbol. To simplify the use of device configuration tools alongside IAR Embedded Workbench, project connections are introduced in this version.

Integration with the leading version control system Subversion makes it easier for development teams to collaborate, share files in a project and keep track of source code versions. The integration allows users to perform Subversion commands from within the IAR Embedded Workbench IDE, and to see the current status of project files and folders.

The comprehensive C-SPY® Debugger has been updated with several features. With a custom SFR (special function registers) window, it is possible to define custom SFRs selectable access size and type. A new Macro Quicklaunch window enables evaluation of expressions and launching of C-SPY macros and a browsable Call Graph window displays all calls made to and from each function from any source file in the active project.

With the improved compiler optimizations in this version, developers will be able to execute the target code faster and get smaller code size. Added compiler functionality, including new pragma directives to set default placement and attributes for variable or function declarations and definitions, allows users to

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override multiple declarations and definitions by using a single pragma.

IAR Systems offers extensive support for Freescale's HCS12 microcontrollers in IAR Embedded Workbench. The toolchain incorporates a highly optimizing IAR C/C++ Compiler and build tools and the comprehensive C-SPY Debugger into an easy-to-use integrated development environment (IDE). To easier handle and administrate licenses, version 4.10 uses a new license management system (LMS) that introduces features like commuter licenses, automatic license activation, and support for virtual servers. Try the tools and read more at www.iar.com/ewhcs12.

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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 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.