

## Product News

Date: September 6, 2011

# IAR Systems launches major upgrade of software tools for 8- and 32-bit AVR

Uppsala, Sweden—September 6, 2011—IAR Systems today announced a major upgrade of its reliable and powerful software development tools for both 8- and 32-bit AVR. Joint together by a common development environment and technology platform, both tool sets benefit from the same innovative improvements in the IDE, compiler and debugger.

The IAR Embedded Workbench IDE benefits from integration with one of the most popular version control systems on the market, Subversion. 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 development process for sharing files in a project and for keeping track of source code versions is greatly simplified because of the integration with version control systems.

The IAR C/C++ Compiler now features support for C99, the current C standard. Being the current C programming standard, C99 is a warrant for future portability since more and more microcontroller architectures become supported by C99 compliant compilers. IAR Systems' compilers for all Atmel microcontrollers including ARM, AVR and 8051 are compliant to the C99 standard, a fact that can make porting code between microcontroller architectures more efficient and safe.

The IAR C-SPY Debugger benefits from integration with the new JTAGICE 3 debug probe. Real-time debugging over JTAG and aWire is supported, and NanoTrace is supported for all cores able to provide it. Data provided by the JTAGICE3 and other debug probes can also be visualized as graphs presented on a shared timeline in the new Timeline window, where simultaneously the call stack and interrupt activity can be displayed. This allows key events in the program's execution to be mapped to each other and allows the user to easily get an overview of the applications behavior.

IAR Embedded Workbench is a set of reliable and powerful C and C++ tools for building and debugging embedded system software for embedded systems. By supporting all Atmel microcontroller targets including 8- and 32-bit AVR, ARM and 8051 in a single development environment, IAR Embedded Workbench offers advantages for customers wanting to standardize on a single development environment for use on different hardware platforms.

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### **About IAR Systems**

IAR Systems is the world's leading supplier of software tools for developing embedded systems applications. The software enables over 14 000 large and small companies to develop premium products based on 8-, 16-, and 32-bit microcontrollers, 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](http://www.iar.com)