Revolutionizing embedded: IAR C-SPY sets a new debugging standard for the VS Code community

Uppsala, Sweden, November 26, 2024 – IAR, a leading provider of software solutions for embedded systems development, is excited to announce a significant advancement with the latest update to the IAR Debug extension for Visual Studio Code. With the introduction of the IAR Listwindow technique, the IAR C-SPY Debugger sets a new benchmark as the most advanced debugging solution available for embedded devices within the VS Code environment.

The new technique offers developers a powerful way to visualize and manipulate data in real time. It provides insights into arrays and data structures, speeding up debugging. This caters to modern embedded systems developers needing efficient coding tools. With this update, IAR reaffirms its commitment to provide engineers with tools that boost productivity. As industries rely more on embedded systems, these advancements help developers maintain high quality and performance standards.

Highlights

· **Advanced Listwindow Technique: Provides clear insight into code behavior, enhancing debugging with ease, including full Trace support and Watch capabilities.**
· **Full Breakpoint Access: Gives developers control over debugging, simplifying issue resolution.**
· **Flexible Debug Launch Strategy: Ensures seamless operation in various development environments.**

Advantages for Developers and Teams

In embedded software development, efficiency and precision are key, as minor errors can lead to significant issues and delays. IAR C-SPY's features help developers handle debugging, which can take up from 50% to 80% of development time. By reducing this time, IAR C-SPY boosts developer efficiency, and allows developers and teams to focus on problem-solving and innovation.

"With IAR's C-SPY extension in Visual Studio Code, developers gain access to advanced debugging features within a trusted tool," said Anders Holmberg, CTO at IAR. "We understand the challenges of embedded systems development, where precise debugging is vital to ensure high-quality outcomes. This update significantly improves debug information visualization, making it easier to troubleshoot complex issues in real-time."

Integrating IAR C-SPY's debugging with Visual Studio Code provides robust functionality that meets industry standards. This integration supports a wide range of development scenarios, ensuring developers have the tools they need in today's fast-paced tech landscape. Using these tools, developers can significantly cut debugging time, freeing up hours for innovation and development. Discover the IAR extensions at iar.com/vscode to enhance your coding and debugging efficiency.

Contacts
Hanna Laurentz, Head of Corporate Communications, IAR
Tel: +46 18 16 78 00 E-mail: hanna.laurentz@iar.com

About IAR
At IAR, we provide world-leading software and services for embedded development, empowering companies globally to bring secure products that shape the future. Since its founding in 1983, our solutions have been instrumental in ensuring quality, security, reliability, and efficiency in the development of over one million embedded applications for a wide range of industries, including Automotive, Industrial Automation, IoT, MedTech, Military, and Public Safety sectors. With support for 15,000 devices from over 70 semiconductor partners, we are dedicated to fostering innovation and enabling our customers' success.

The company is headquartered in Uppsala, Sweden, with a global presence of sales and support offices strategically located across the world. IAR is an I.A.R. Systems Group AB subsidiary, listed on NASDAQ OMX Stockholm, Mid Cap (ticker symbol: IAR B). To learn more, visit us at www.iar.com.

Image Attachments
IAR VSCode

Attachments
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