

SEGGER Embedded Studio supports RISC-V architecture

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SEGGER Microcontroller announces the new RISC-V edition of its market leading multi-platform Embedded Studio integrated development environment (IDE). SEGGER Embedded Studio is the first professional IDE which supports the open source RISC-V CPU architecture.



Embedded Studio for RISC-V comes with the same features and benefits of Embedded Studio for Arm and Cortex-M and makes it painless for users to transition between both architectures. Embedded Studio for RISC-V makes it very easy to evaluate RISC-V.

J-Link combined with Embedded Studio provides an unparalleled debug experience for RISC-V and Arm using capabilities fine-tuned for software development and production: Unlimited breakpoints in flash memory eliminating hardware breakpoint limitations, and the ability to write custom loaders using J-Link's Open Flash Loader to support any type of flash memory storage. Embedded Studio features multiple means of application analysis, such as memory use and stack analysis.

One way to easily experience RISC-V and Embedded Studio is with the Digilent Artix-A7 ARTY development board which has the SiFive E31 Core IP deployed, including integrated flash programming, debugging, and flash breakpoints: It simply works!

With straightforward licensing, free for educational and non-commercial use, Embedded Studio is ideally suited to university courses and for professional development in equal measure.

“The availability of SEGGER's Embedded Studio significantly enriches the RISC-V ecosystem. SEGGER's products are affordable, have very friendly licensing and live up to their claim: It simply works!” says Rick O'Connor, executive director of the non-profit RISC-V Foundation.

“Developers using the open source RISC-V architecture can now use the best development environment, boosting their productivity. At SEGGER, we are committed to RISC-V. As the one-stop solution for Embedded System development, we will soon have all the same popular tools available for RISC-V that have made SEGGER so successful in the Arm world. Expect more from SEGGER for RISC-V very shortly” says Ivo Geilenbruegge, CEO at SEGGER.

More information on Embedded Studio is available at: <https://www.segger.com/products/development-tools/embedded-studio/>

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About SEGGER

SEGGER Microcontroller is a full-range supplier of software, hardware and development tools for embedded systems. For more than 25 years SEGGER Microcontroller has been a reliable provider of soft- and middleware components. The company offers support throughout the whole development process with affordable, high quality, flexible and easy-to-use tools and components. SEGGER offers solutions for secure communication as well as data and product security,



meeting the needs of the rapidly evolving IoT. SEGGER was founded in 1992, is privately held, and is growing steadily. Headquartered in Germany with a US office in the Boston area and distributors in all continents, SEGGER offers its full product range worldwide. For additional information, visit: <https://www.segger.com>

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