

SEGGER adds ARM64 simulator to Embedded Studio for Arm

Monheim am Rhein, Germany – May 25th, 2023

SEGGER has added a complete instruction set simulator to its latest version of Embedded Studio for ARM.

This follows the recently added [compiler](#), [linker](#), and runtime support for ARM64, which made it possible to generate and debug ARM64 programs, for devices such as, but not limited to, Cortex-A53, Cortex-A57, and Cortex-A72.

Adding the simulator brings ARM64 support to the same level as all other architectures supported by Embedded Studio.

Embedded Studio for ARM is available on all platforms (Linux, macOS, and Windows) on Arm, Intel, and Apple Silicon.

Simulation is an excellent tool when hardware is scarce or even before it is available. It is also ideal for programming away from the office as well as for automated testing.

“Due to its complexity, ARM64 was the first architecture we ever introduced that did not have a simulator from the outset,” says Rolf Segger, founder of SEGGER. “We make a point of having simulators for all supported architectures and ARM64 is no longer an exception.”

“A simulator is - amongst many other things - a great tool for an engineer or student to use to become familiar with a new architecture,” explains Dirk Akemann, Marketing Manager at SEGGER. “With Embedded Studio, it is very easy to generate programs and execute them in the simulator. Download, install and go, all in a matter of minutes. It simply works. We are happy to be able to make professional tools available to everybody.”

With [SEGGER's friendly licensing](#), software can be used for evaluation, and for educational and non-commercial purposes, free of charge, with no restrictions in terms of code size, features or duration of use.

For more information about Embedded Studio for Arm, please visit:

<https://www.segger.com/products/development-tools/embedded-studio/>

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About SEGGER

SEGGER Microcontroller GmbH has three decades of experience in Embedded Systems, producing cutting-edge [RTOS and Software Libraries](#), J-Link and J-Trace [debug and trace probes](#), a line of [Flasher In-System Programmers](#) and [software development tools](#).

SEGGER's all-in-one solution [emPower OS](#) provides an RTOS plus a complete spectrum of software libraries including communication, security, data compression and





storage, user interface software and more. Using emPower OS gives developers a head start, benefiting from decades of experience in the industry.

SEGGER's professional embedded development software and tools are simple in design, optimized for embedded systems, and support the entire embedded system development process through affordable, high-quality, flexible, and easy-to-use tools.

The company was founded by Rolf Segger in 1992, is privately held, and is growing steadily. SEGGER also has a U.S. office in the Boston area and branch operations in Silicon Valley, Shanghai, and the UK, plus distributors on most continents, making SEGGER's full product range available worldwide.

For more information on SEGGER, please visit www.segger.com.

Why SEGGER?

In short, SEGGER has a full set of tools for embedded systems, offers support through the entire development process, and has decades of experience as the Embedded Experts.

In addition, SEGGER software is not covered by an open-source or required-attribution license and can be integrated into any commercial or proprietary product, without the obligation to disclose the combined source.

Finally, SEGGER offers stability in an often-volatile industry, making SEGGER a very reliable partner for long-term relationships.

For additional information please visit: www.segger.com

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