SEGGER partners with Razorcat on automated embedded-software testing

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SEGGER Microcontroller GmbH and Razorcat Development GmbH are partnering to further advance embedded-software testing solutions as well as streamline support and integration of SEGGER software-development tools with Razorcat's TESSY test automation tool.

TESSY is a widely used unit and integration testing tool for embedded software, particularly for safety-related projects. It automates test creation and test cycles, aids test organization and management, and supports a wide range of microcontrollers, compilers, and debuggers.
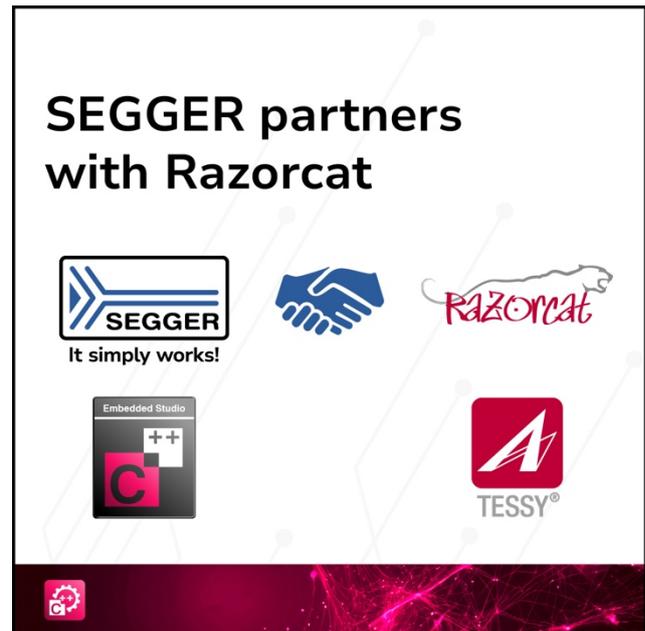
SEGGER's software-development tools are well integrated with TESSY. SEGGER Embedded Studio is a full-fledged IDE for embedded-software project management and development. It includes the SEGGER Toolchain, which enables creation of highly optimized firmware as well as direct integration of SEGGER's J-Link debug probes for debugging and testing on a target. Also included is a core simulator for fast and efficient testing, without the need for hardware.

TESSY supports Embedded Studio projects by allowing users to generate tests based on their existing development setups. Tests are executed in TESSY with J-Run or emSim in order to gather results, and TESSY can automatically start a debug session in Embedded Studio to enable users to analyze failing tests.

With the new partnership, SEGGER and Razorcat build on a well-established foundation and further extend integration, improve the user experience, and provide users with the technical support needed to ensure project success.

"TESSY has a long and successful history with both Embedded Studio and J-Link," says Michael Wittner, CEO, Razorcat. "We consistently receive very positive feedback on how well the products are integrated and how easy they are to use. This partnership adds significant value for our users, and we're excited about the opportunities it is going to create."

"The collaboration with Razorcat is really going to enhance the ability of both of our companies to better support mutual product users, ensure testing becomes even easier,

and expand product integration around flexibility and performance," says Johannes Lask, Product Manager, SEGGER. "We've got some interesting ideas for future enhancements, including integration of our test runner J-Run."

About SEGGER

Founded in 1992, SEGGER Microcontroller GmbH has over 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 ISPs, and software development tools.

SEGGER's all-in-one solution emPower OS provides an RTOS and a complete spectrum of software libraries for, among other things, communication, security, data compression and storage, user-interface software, and more. emPower OS gives developers a head start, allowing them to benefit from decades of experience in the embedded 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 with their affordability, high quality, flexibility, and ease of use.

SEGGER, with headquarters in Monheim am Rhein, Germany, also has an office in Boston, Massachusetts, United States, and branch operations in Silicon Valley, California, United States; Shanghai, China; and the United Kingdom. With distributors on most continents, SEGGER's full product range is available worldwide.

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

Why SEGGER?

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

Furthermore, SEGGER software has no open-source or attribution licenses, and it can be integrated into any commercial or proprietary product — with no obligation to disclose the combined source. SEGGER offers stability in an often-volatile industry, making it a highly reliable partner for long-term business relationships.

For additional information, visit www.segger.com.

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