

SEGGER Embedded Studio and J-Link support Amazon FreeRTOS

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SEGGER's cross platform Embedded Studio and the market leading J-Link debug probe fully support Amazon FreeRTOS with a straightforward user experience out of the box.

The boards that have been selected by Amazon Web Services (AWS) to get started with Amazon FreeRTOS are already supported by Embedded Studio and J-Link.

SEGGER provides ready to use projects for Embedded Studio for all of the ARM based boards: LPC54018 IoT Module, STM32L4 Discovery Kit IoT Node, and SimpleLink Wi-Fi CC3220SF Wireless Microcontroller LaunchPad Development Kit.

Embedded Studio is the perfect solution to get started with Amazon FreeRTOS and can be used with any Arm/Cortex device. It can easily be downloaded, installed and used without the need to obtain a license.

The unique Embedded Studio licensing permits the use of Embedded Studio free of charge for non-commercial/educational projects, and permits a developer working on a commercial project to make use of Embedded Studio free of charge for evaluation purposes. The evaluation is full featured. It does not limit Embedded Studio in any way. There is no time limit, no feature limit, and no code size limit.

In addition, it does not force users to use the Windows Operating System, as it is also available for Linux and MacOS.

Embedded Studio comes with an RTOS plugin for Amazon FreeRTOS, making it fully task aware. This is a perfect complement to Amazon FreeRTOS.

To obtain more information on how SEGGER supports AWS, please visit:

<https://www.segger.com/aws>

About Embedded Studio

Embedded Studio is a complete all-in-one solution for managing, building, testing and deploying embedded applications. It includes all required tools from a powerful project manager and source code editor, and an integrated debugger with advanced debug information windows and direct J-Link integration, right through to version control features for automatic deployment of finished applications. The powerful project manager even manages industrial-scale projects, making it easy to analyze and debug your system in no time.

J-Link combined with Embedded Studio provides an unparalleled debug experience for Arm- and RISC-V-based microcontrollers 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.

Embedded Studio is a cross-platform solution supporting Windows, macOS and Linux. Embedded Studio is specifically designed to provide users with everything required for professional embedded C programming and development. It presents





the market with a complete solution, delivering stability and a continuous workflow. 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.

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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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