SEGGER introduces PRO version of the system analysis tool SystemView

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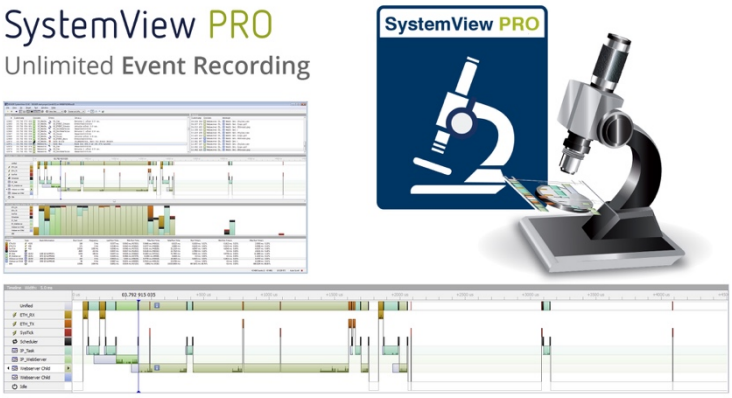
SEGGER has announced SystemView PRO, which allows recording and live analysis of interrupts, task switches, API calls and other events without limiting recording time or number of events. To facilitate analysis of large amounts of data, custom event filters have been added to the feature set of the successful and free system analysis tool SystemView.



While one million events with the free SystemView are good for several minutes of recording, long-term tests require recordings to last hours or even days, which is the domain of SystemView PRO. The recorded data can be saved and archived, allowing documentation and verification of the system behavior as well as analysis at a later time.

With the huge amount of data, filters are an incredibly useful tool to track the occurrence of specific events. SystemView PRO adds custom filters to this feature enabling precise selection of the events to track. The regular version of SystemView continues to be available free of charge for download.

"SystemView is a unique tool to understand what exactly happens in an embedded system, tracing interrupts, task switches, API calls and other user events with cycle accuracy, typically better than 10ns. No additional hardware is required. I believe that not using SystemView to verify a product's behavior is almost negligent, especially given that the standard version with 1 million event limit is free to use", says Johannes Lask, Product Manager of SystemView and SystemView PRO.

To access more information on SystemView PRO, go to:
https://www.segger.com/systemview-pro.html

About SystemView

SEGGER's SystemView solution gives complete insight into the behaviour of a program, with minimal side effects on the embedded system being observed. It offers cycle accurate tracing of interrupts and task start/stop, plus task activation and API calls when an RTOS is used. It visualizes and analyses CPU load by task, interrupts and software timers. By using SEGGER's J-Link debug probe with SystemView streaming data transfer can be benefited from - with analysis in real-time. This enables an in-depth understanding of the application's runtime behaviour to be derived. Real-time analysis is particularly advantageous when dealing with complex systems consisting of multiple threads and events, and in bare-metal systems without any RTOS. Like all modern SEGGER products, it is available on all major operating systems (Linux, Windows, Mac).

Full product specifications are available at:
https://www.segger.com/systemview.html

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About SEGGER

SEGGER Microcontroller is a full-range supplier of software, hardware and development tools for embedded systems. 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 1997, 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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