

Q&A Session of “Using CMSIS-View and CMSIS-Compiler”

Q: Will the recordings be available offline after the webinar? Where can we access it?

A: The webinar will be available on our Developer hub: <https://on-demand.arm.com>. Please search for “CMSIS”.

Q: Is the on-demand training free?

A: Yes! All content on the on-demand web site is free to use.

Q: Which IDE was used for the demos?

A: All demos were showing μ Vision.

Q: Where do I find the example projects that were shown during the demo?

A: The example projects are available at <https://github.com/ARM-examples>. Check the “Other examples” section that links to each demo project.

Q: Will these features require the use of μ Vision, or will other tools be able to use them? I guess the question really is will there be a library with a documented API?

A: All technologies used in [CMSIS-View](#) and [CMSIS-Compiler](#) are open-source and can be used by any third party. The APIs are well documented. We have integrations for example with Percepio’s Tracealyzer. Outside of μ Vision, you can use the open source [EventList](#) tool.

Q: Is this also supported by [Keil FuSa RTS](#)?

A: Event Recorder and Component Viewer are available in FuSa RTS. They are certified technologies that can be used in functional safety applications.

Q: Is there support in VS Code using the CMSIS extensions for CMSIS-View?

A: We aim for support towards the end of 2024.

Q: Can Event Recorder work without SWO on an MCU?

A: Event Recorder can be used with any debug adapter just using JTAG/SWD. No further requirements.

Q: Is Event Recorder available in simulation?

A: Arm Virtual Hardware fully support Event Recorder and can use its semihosting interface to write out the CTF-based log files for further processing with EventList.

Q: Can Event Recorder be used on bare-metal systems, or do I need to use an RTOS?

A: An RTOS is not required. It can be used with bare-metal code.

Q: Is there a tool to manage Event Recorder function calls and SCVD file generation?

A: Not now and we do not have plans for this.

Q: Will μ Vision be ever available for MacOS and/or Linux?

A: No. That’s the reason we’re working on Keil Studio that will be using Microsoft Visual Studio Code under the hood. This will support all major host operating systems.

Q: Does CMSIS-FreeRTOS require Keil MDK?

A: CMSIS-FreeRTOS is a standard CMSIS-Pack that can be used with any IDE/tool supporting packs.

Q: Can this be used with ThreadX?

A: Yes, but we do not know of an implementation now.

Q: Is this available in Texas Instruments Code Composer Studio?

A: Please check with Texas Instruments.