

Tracealyzer 4

Now Supports Micrium μ C/OS-III and ARM ITM

Västerås, Sweden, 7th May 2018 * * * Percepio, the leader in software trace visualization for embedded systems and IoT, announces Tracealyzer version 4.1 with support for Micrium μ C/OS-III, in addition to the already supported Amazon FreeRTOS and Keil RTX5.

“Tracealyzer 4 is a massive improvement over previous versions and as we have been working closely with Micrium since 2013, supporting μ C/OS-III has been a priority for us. Many users have asked for this and we are excited to bring the next generation in RTOS tracing to Micrium μ C/OS-III users,” says Johan Kraft, CEO of Percepio.

Developers using Micrium μ C/OS-III can now benefit from the many new features in Tracealyzer 4, such as unlimited tracing, advanced live visualization, a new modern user interface and user-defined visualization.

In addition, the new release introduces support for RTOS tracing via ITM (*Instrumentation Trace Macrocell*), a feature available on many ARM Cortex M-based MCUs. Streaming trace data via ITM can be **very** fast; in lab tests Percepio has achieved transfer speeds exceeding 2 Mbytes/s. Moreover, with ITM there is no need for a RAM buffer in the target. This allows for RTOS tracing with minimal overhead. Read more about the technology here:

<https://percepio.com/2018/05/04/tracealyzer-streaming-over-arm-itm-using-ulinkpro-ulinkplus/>

Support for ITM tracing is initially available for Keil μ Vision with FreeRTOS and Micrium μ C/OS-III, but support is planned for other RTOSes and development tools soon.

Tracealyzer 4.1 is available for download at percepio.com.

Those not yet familiar with Tracealyzer 4 can find a summary of the new capabilities at <https://percepio.com/this-is-tracealyzer-4/>

About Percepio

Percepio is the developer of a highly visual runtime diagnostics tools for embedded and Linux-based software, Tracealyzer. Percepio collaborates with several leading vendors of operating

systems for embedded software. Percepio was founded in 2009 and is based in Västerås, Sweden. For more information, visit percepio.com.

* * *

Editorial contact

Percepio AB

Mike Skrtic

Phone : +46 76 003 0080

mike.skrtic@percepio.com

percepio.com