[FreeRTOS] Frame window shows "registerset undefined" on Cortex-M

2024-07-08 - Comments (2) - OS-aware debugging

An error message "registerset undefined" in the **Frame /TASK < magic >** window could be caused on Cortex-M by a duplicated "PendSV_Handler" symbol. Depending on the used TRACE32 version, a warning about the duplicated symbol is displayed. The solution is to delete the symbol not part of FreeRTOS using the **sYmbol.Delete** command.

Example:
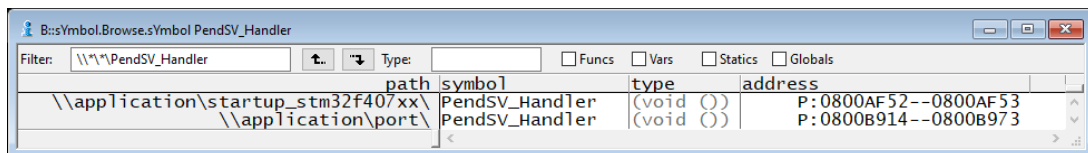

```
sYmbol.Delete \\application\startup_stm32f407xx\PendSV_Handler
```

Comments (2)

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N **Niklas**

1 year ago

I got the same message "registerset undefined" on Microblaze after looking at a task's registers. I couldn't find any "PendSV_Handler" Symbol. Is this ARM specific? Is there a Microblaze equivalent?

Khaled Jmal

1 year ago

Hello Niklas,

the TRACE32 FreeRTOS awareness does not support reading the register context of non-current tasks for MicroBlaze.

Regards,

Khaled