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# [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:

B::sYmbol.Browse.sYmbol PendSV_Handler		
Filter: \\*\*\PendSV_Handler <b>1. "↓</b> Type:	Funcs Vars S	tatics 🔲 Globals
	symbol type	address
\\application\startup_stm32f407xx\	PendSV_Handler (void ())	P:0800AF520800AF53
\\application\port\	PendSV_Handler  (void ())	P:0800B9140800B973 v
	<	

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 noncurrent tasks for MicroBlaze.

Regards,

Khaled