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Is it possible to see the value of a C macro in TRACE32?

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Macros are generally not part of the DWARF debug information in the ELF file. The debugger can thus not know their values. But you can declare your macros in TRACE32:

```
sYmbol.CREATE.MACRO MACRO_1 < contents >  
sYmbol.CREATE.MACRO MACRO_2 < contents >  
sYmbol.CREATE.Done
```

You can display the list of manually created macros with:

```
sYmbol.List.MACRO
```

Sometimes, the compiler can also export the macro information into the ELF file. This is done for the GCC compiler using the command line `-g3` option which exports the macro information in the ".debug_macinfo" section. If you are loading such an ELF file using the **Data.LOAD.Elf** command, use then the **/MACRO** option to import the macro information to TRACE32.

- [Tags](#)
- [sYmbol](#)

Comments (2)

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NM Neelakantappa M

2 years ago

How to use these declared macros in T32? I have tried like below but didn't get the desired output. Getting symbol not found error. sYmbol.CREATE.MACRO MACRO_1 (0x25) sYmbol.CREATE.Done local &temp &temp = MACRO_1 gosub func MACRO_1 Both the methods didn't work.

Khaled Jmal

2 years ago

You should use `&temp=Var.Value(MACRO_1)` instead of `&temp = MACRO_1`

I also do not recommend to use white spaces in PRACTICE expressions.