
Subject: R: AAARGH!!! IDL5.2 crashes with CALL_EXTERNAL

Posted by [StefanoM](#) on Fri, 27 Apr 2001 06:45:39 GMT

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My PC is running WIN98 II (second edition) and the C and Fortran compiler are that of Microsoft Develop Studio 4.0.

The problem seems to be not related to the compilers, since (as I wrote) I get problems even calling a routine in a system library, in fact I follow the example suggested by Ronn Kling to explain the DLM utility "idl_tools.dlm":

```
print, EXTPROC_DEFINE("mysin", "msvcrt.dll", "sin", "d(d)", /cdecl)
```

that should assign the function "sin" of the library "msvcrt.dll" to the IDL function "mysin", the function should take a single argument as double and return a double ... "d(d)". When I type the above command IDL seems to accept the definition of the new function "mysin", but then when I try to use "mysin" IDL crashes (idlde causes errors in IDL32.DLL and MFC42.DLL). The same result is obtained compiling the SUM_ARRAY examples in the IDL distribution ...

There are a lot of useful Fortran libraries in the web, it is really sad that I cannot use them with IDL !!!

have a nice day

Stefano

Mark Rivers <rivers@cars.uchicago.edu> wrote in message [kU5G6.354\\$E4.22251@uchinews...](#)

>

> StefanoM wrote in message <[9c9hqv\\$hbe\\$1@canarie.caspar.it](mailto:9c9hqvhbe1@canarie.caspar.it)>...

>> AAARGH!!! IDL 5.2 crashes every time I try to call a DLL subroutine with

>> CALL_EXTERNAL.

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> Tell us a little more. What platform are you running on, what compiler,
> etc.?

>

> I certainly have used IDL 5.2 with CALL_EXTERNAL with no problems.

>

> Mark
