
Subject: Re: AAARGH!!! IDL5.2 crashes with CALL_EXTERNAL
Posted by [Mark Rivers](#) on Fri, 27 Apr 2001 03:42:53 GMT

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StefanoM wrote in message <9c9hqv\$hbe\$1@canarie.caspur.it>...

- > AAARGH!!! IDL 5.2 crashes every time I try to call a DLL subroutine with
- > CALL_EXTERNAL.
- > I've try to compile the examples given with the IDL distribution (both C and
- > Fortran) without success.
- > I've also try to use the DLM utility (idl_tools.dlm) written by Ronn Kling,
- > that gives a direct access to the routines in a DLL (without having to deal
- > with a wrapper routine) via the interface EXTPROC_DEFINE, but the result
- > doesn't change: IDL crashes even when I try to access a system DLL.
- > I'm drive to think that there is a bug in the version 5.2.
- > Does anybody succeded to use CALL_EXTERNAL with this version of IDL?

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

Subject: Re: AAARGH!!! IDL5.2 crashes with CALL_EXTERNAL
Posted by [Randall Frank](#) on Fri, 27 Apr 2001 05:26:41 GMT

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Stefano,

EXTPROC_DEFINE will only work under Windows and only with IDL 5.3 or higher (it is built on top of IDL_SysRtnGetCurrentName() which first showed up in 5.3). I never got around to supporting anything but Wintel. BTW, CALL_EXTERNAL worked fine with 5.2 under Windows for me. Realize that CALL_EXTERNAL and EXTPROC_DEFINE are very different beasts. More details would be needed to help...

FWIW.

StefanoM wrote:

- >
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- > CALL_EXTERNAL.
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- > Fortran) without success.
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> with a wrapper routine) via the interface EXTPROC_DEFINE, but the result
> doesn't change: IDL crashes even when I try to access a system DLL.
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> Does anybody succeded to use CALL_EXTERNAL with this version of IDL?
>
> a desperate guy :-(
>
> bye
>
> Stefano

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rjf.
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