
Subject: Re: CALL_EXTERNAL - Fortran Troubles
Posted by [Jim Brown](#) on Wed, 08 Nov 1995 08:00:00 GMT
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Mark Rivers wrote:

- > You need to provide some more information:
- > - What product are you using (IDL or PV-WAVE). They pass parameters
- > differently to CALL_EXTERNAL
- > - What operating system are you using, VMS, UNIX, Windows, etc.
- > IDL's CALL_EXTERNAL passes parameters differently with Unix and VMS.

IDL
UNIX
SunOS 5.3

- > IDL passes STRINGS by descriptor, i.e. the address of a structure
- > containing the length and address of the string. You are not allowed to
- > change the length of the string in your routine. You can get around this
- > by converting to BYTE before calling your FORTRAN routine.
- >

I have gotten a few suggestions along with yours since my post yesterday.
It appears that the general consensus is to convert to BYTE. I will give
that a try.

Jim

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