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Subject: Re: CALL\_EXTERNAL

Posted by [jim](#) on Wed, 18 Aug 1993 23:31:48 GMT

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In article <Aug18.163808.52294@yuma.ACNS.ColoState.EDU>  
dean%phobos.dnet@sirius.cira.colostate.edu writes:

>

> I am using CALL\_EXTERNAL to call a C routine to open a certain file with  
> a special image format. However, the C routine is not getting the right  
> file name which is a character string. A FORTRAN routine gets the right  
> character string from CALL\_EXTERNAL, but the C routine doesn't. Can someone  
> provide me with some hints on how to get IDL to pass the right character  
> string to my C routine through CALL\_EXTERNAL?

>

You neglected to say what kind of system you are running on. However,  
problems passing strings between C and Fortran programs are common in  
many environments. Try forcing the string to contain a null (all bits zero)  
as the last character, and be sure the C routine references the string  
properly. You may be getting the address of the string when you need the  
address of the address, or some such, depending on machine and OS.

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