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Subject: Re: call\_external: passing string from IDL to C  
Posted by [R.Bauer](#) on Wed, 28 Aug 2002 20:52:38 GMT  
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selwyn yee wrote:

> Hi,  
>  
> I am trying to pass an IDL string to C using call\_external. My setup  
> is:  
>  
> IDL 5.5  
> Visual C++ 6.0  
> Windows 2000 Workstation  
> P4 2Ghz, 512 mb  
>  
Deae Selwyn

I belive you can only pass byte arrays. And if you have more problems you should have a look at Ronn Klings book about C and idl.

<http://www.kilvarock.com/books/callingCfromIDL.htm>

best regards

Reimar

> I can't even get IDL's example to pass a string from IDL to C. I  
> built the DLL from \RSI\IDL55\external\C\string\_array.c. Then I debug  
> the DLL from Visual Studio, and run string\_array.pro. In debug, C  
> receives and IDL\_STRING structure with the proper length of the string  
> (not counting NULL char). But you cannot see the string itself. You  
> see  
>  
> "CXX0030: Error: expression cannot be evaluated"  
>  
> Has anyone gotten the example routines to work?  
>  
> Thanks,  
> Selwyn Yee

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Forschungszentrum Juelich  
email: [R.Bauer@fz-juelich.de](mailto:R.Bauer@fz-juelich.de)

<http://www.fz-juelich.de/icg/icg-i/>

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a IDL library at ForschungsZentrum Juelich

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)

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