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Subject: Re: Problems with IDL call\_external to C shared object

Posted by [Nigel Wade](#) on Fri, 13 Oct 2000 07:00:00 GMT

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Mark Rivers wrote:

>  
> I've done a lot of this, and it's not that hard, don't give up!  
>  
> Here are some tricks:  
>  
> - All arrays which need to be passed between IDL and C must be allocated in  
> IDL, as J.D. Smith said. This includes both arrays being passed from IDL to  
> C and from C back to IDL. Sometimes this requires an initial call to the C  
> code to return the array sizes which IDL will allocate, if the array sizes  
> are not known to IDL beforehand.  
>

Alternatively, you can use the LINKIMAGE or DLM interface where the C  
code  
can create any IDL variable required. Albeit at the expense of a greater  
learning curve.

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