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Subject: Re: Call\_External on SGI (IRIX6.3)  
Posted by [Nigel Wade](#) on Fri, 23 Jul 1999 07:00:00 GMT  
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Richard Tyc wrote:

>  
> I am having trouble with getting a simple example to work on our SGI O2  
> with IRIX 6.3. We are using IDL 5.2  
>

[snip]

> Is there a problem with using n32 code (I can't link using the older  
> o32)  
>

Yes, IDL 5.2 uses the O32 ABI. IRIX does not allow mixing of O32 and N32 ABIs, so all your external code *must* be compiled/linked with -o32. (This has been causing us problems since the latest compilers will not generate o32 code.)

You could try installing IDL 5.2.1, I received a message yesterday that says this version uses the N32 ABI. I have only just downloaded the package and haven't yet had time to install it so I can't comment on whether it works. You can download it from the RSI ftp server; follow the links from the RSI Web site.

> Any ideas  
>  
> Rich

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