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

>
>
> 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.
>

YES!! IDL 5.2.1 does use the new n32 ABI and this solved the problem.
Thanks for the help

Rich

File Attachments

1) [richt.vcf](#), downloaded 75 times

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.)

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> Any ideas

>

> Rich

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