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 63 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
- > 032)

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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You can download it from the RSI ftp server; follow the links from the RSI

Web site.

> Any ideas

>

> Rich

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