
Subject: Re: Fortran call_external under linux
Posted by [nobody](#) on Tue, 06 Mar 2001 17:32:00 GMT
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On Tue, 06 Mar 2001 10:06:47 GMT, u600067138@spawnkill.ip-mobilphone.net
<u600067138@spawnkill.ip-mobilphone.net> wrote:

> Dear all,
>
> We are currently migrating from SGI IRIX to Red Hat 6.2 Linux. We rely on
> some fortran code, and would prefer to be able to use call_external instead
> of spawn with all its overhead etc.
>
> Apparently IDL does not have any example fortran code to work with the g77
> compiler, and the IRIX code does not compile. It seems that the
> "structure" and "record" constructs which is used to pass
> strings between IDL and fortran is not recognized by g77.
>
> Does anybody have experience with compiling fortran under Linux and linking
> it to IDL (5.4) ?
>
> Greetings, Ole BC, Danish Met. Institute
>
>
>
>
> --
> Sent by obc from dmi subpart from dk
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actually, I don't have experience using g77 with IDL, but I thought that g77 was just a front-end (translator) to gcc. I have tried to use it on IRIX, and had no luck. Generally, my experience with IRIX and the GNU compilers was that SGI didn't really support gcc and vice versa. You're saying that your f77 code doesn't compile in IRIX using g77 right? From what I've heard about g77, it is a work in progress and far behind gcc. On top of that, IRIX support of g77 is even less reliable. It may be that the functionality you're looking for in g77 doesn't exist. Hopefully you can find a more knowledgeable response, I'd look into the g77 documentation.

--
Steve S.

yubdub
steve@CLOTHESmailaps.org
remove CLOTHES before replying
