
Subject: Re: Calling Fortran 90 from IDL/LINUX/ pgi/ifort
Posted by [Haje Korth](#) on Fri, 22 Apr 2005 12:10:56 GMT
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In order to clear out loaded .so, you need to use .full_session_reset or short .f.

"catwithhat" <axel@apl.washington.edu> wrote in message
news:1114132155.276487.294180@z14g2000cwz.googlegroups.com.. .
> I have Fortran 90 application I need to run from IDL under Redhat Linux
> (x86). I have looked at the examples for call_external but apparently
> neither the direct case nor the C-Wrapper case are implemented for
> Linux.
>
> Question:
> -Can anyone send me an example (Makefile). I have either pgif90
> or ifort (Intel) compilers available for (x86)
> -I have gotten the simple simple_c2f.c to almost work but the
> the strings don't get passed properly.
>
> pgicc -fPIC -c example_c2f.c
> pgif90 -fPIC -shared example_c2f.o example_c2f1.f -o \
> example_c2f.so
>
> This works except for the string variable which doesn't get
> passed into the C-program correctly
>
> -Also I noticed that when I recompile a new *.so library, I need
> to exit IDL and reenter to make it read the new one.
> I tried .reset but that has no effect either.
>
> Thanks much
> Axel
>
