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Subject: Linking C code

Posted by [adam](#) on Mon, 23 Oct 1995 07:00:00 GMT

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I'm running IDL Version 4.0.1 on SunOS 4.1.4.

I'm attempting to link a Fortran routine into IDL code, however I get undefined symbol errors at runtime.

I also tried to implement the provided examples with the following results:

```
lucky{adam}: make_callext_demo test_ftn_only
f77 -c -pic ftn_only_sun.f ftn_strarr_sun.f
ftn_only_sun.f:
  ftn_only:
  ftn_only1:
  idl_2_fort:
  fort_2_idl:
ftn_strarr_sun.f:
  str_arr:
  str_arr1:
  idl_2_fort:
  fort_2_idl:
ld -o ftn_only.so ftn_only_sun.o /usr/local/lang/SC3.0.1/lib/libF77.a
/usr/local/lang/SC3.0.1/lib/libm.a
ld -o ftn_strarr.so ftn_strarr_sun.o
/usr/local/lang/SC3.0.1/lib/libF77.a /usr/local/lang/SC3.0.1/lib/libm.a
echo ftn_only | /usr/local/rsi/idl_4/bin/idl | more
IDL. Version 4.0.1 (sunos sparc).
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```

ld.so: Undefined symbol: \_ir\_fp\_class\_

```
lucky{adam}: make_callext_demo test_c2fort
acc -c -pic -fsingle -DSPARC simple_c2f.c
f77 -c -pic simple_c2f1.f
simple_c2f1.f:
  simple_c2f1:
ld -o simple_c2f.so simple_c2f.o simple_c2f1.o
/usr/local/lang/SC3.0.1/lib/libF77.a /usr/local/lang/SC3.0.1/lib/libm.a
```

echo simple\_c2f | /usr/local/rsi/idl\_4/bin/idl | more  
IDL. Version 4.0.1 (sunos sparc).  
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Id.so: Undefined symbol: \_\_\_\_ansi\_fflush

Any help or suggestions anyone could provide would be appreciated.

Adam Thomas  
(412) 647-0707  
adam@pet.upmc.edu  
PET Facility  
University of Pittsburgh Medical Center  
Pittsburgh, PA

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Subject: Re: Linking C code  
Posted by [William Lupton](#) on Fri, 27 Oct 1995 07:00:00 GMT  
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> I'm attempting to link a Fortran routine into IDL code, however I get  
> undefined symbol errors at runtime.

\_ir\_fp\_class\_ is defined in libsunmath.a  
\_\_\_\_ansi\_fflush is defined in libansi.a

I don't know about everyone else, but we seem to have had a lot of problems  
since switching to SC3.0.1...

William

----- William Lupton (wlupton@keck.hawaii.edu) -----  
Home: PO Box 7135, Work: W. M. Keck Observatory, PO Box 220,  
Kamuela, HI 96743, USA Kamuela, HI 96743, USA  
(808) 885 3475 (808) 885 7887, (808) 885 4464 (fax)

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