
Subject: Call External on SUN Solaris
Posted by [bijan](#) on Mon, 11 Aug 1997 07:00:00 GMT
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I am trying to call c routines from idl4 using
call external on a sun solaris system.

i use the following compile/link commands without
getting any error messages:

```
cc -G -c -Kpic idl/*.c amos/*.c f_exit.c
cc -G -c -Kpic f2c/*.c
ld -G -o amos_idl.so objs/*.o f2c_objs_ab/*.o
```

and i get the following error message when i try to use the
amos_idl.so executable:

```
% CALL_EXTERNAL: Error loading sharable executable.
      Symbol: zairy, File =
      /tmp_mnt/net/icarus/usr2/bijan/ims/Im/amos_idl.so
      ld.so.1: /server/usr2/common/idl/bin/bin.solaris2/idl:
      fatal:
/tmp_mnt/net/icarus/usr2/bijan/ims/Im/amos_idl.so:
```

i have managed to do this on a sunos system so i am pretty sure it's not
the code itself.

thanks in advance,
Bijan Pesaran

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Subject: Re: Call External on SUN Solaris
Posted by [wonko](#) on Wed, 13 Aug 1997 07:00:00 GMT
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bijan@physics.bell-labs.com wrote:

> I am trying to call c routines from idl4 using
> call external on a sun solaris system.

[...]

> % CALL_EXTERNAL: Error loading sharable executable.

```
> Symbol: zairy, File =  
> /tmp_mnt/net/icarus/usr2/bijan/imsf/lm/amos_idl.so  
> ld.so.1: /server/usr2/common/ld/bin/bin.solaris2/ld  
> : fatal:  
> /tmp_mnt/net/icarus/usr2/bijan/imsf/lm/amos_idl.so:
```

Under Solaris 2.x the compiler generates additional underbars. Try the symbol `_zairy` instead of `zairy`, I think it will work then.

Alex

--

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