

---

Subject: Re: IDL: CALL\_EXTERNAL under Solaris 2.3

Posted by [afl](#) on Tue, 07 Feb 1995 21:18:29 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

In article <3h83tp\$3dt@kwuz.nerc-keyworth.ac.uk>, Fergus Gallagher  
<f.Gallagher@nerc.ac.uk> writes:

|> Having upgraded my Sparcstation 20 to Solaris 2.3 and F77 3.0,  
|> I find that my makefile for my shareable object no longer compiles.  
|> Call\_external.doc leaves an obvious "to be continued" gap under  
|> Solaris 2.3.  
|>  
|> Anybody know the appropriate libraries I should link?  
|>  
|> Fergus Gallagher  
|> British National Space Centre

I had a lot of trouble with this myself. I tried a number of  
libraries before settling on the final one listed below...

```
##F_LIBS = /usr/lib/libV77.a /usr/lib/libF77.a /usr/lib/libsunmath.a  
##F_LIBS = /usr/lib/libF77.so /usr/lib/libM77.so.2 /usr/lib/libm.so  
##F_LIBS = /usr/lib/libM77.so.2 /usr/lib/libV77.so.2 -lm -lF77  
##F_LIBS = -lF77 -lm -lM77 -lV77  
##F_LIBS = -lm -lF77
```

```
F_LIBS = /usr/lib/libV77.a /usr/lib/libF77.a /usr/lib/libsunmath.a
```

What I learned is that you must try one list within an IDL session, and if  
it does not work, completely exit from IDL, start up IDL again, then  
make another attempt. DO NOT try multiply attempts within one IDL  
session because you will never know which combination worked.

--

Andrew F. Loughie                      email: afl@cdc.noaa.gov  
University of Colorado, CIRES          voice: (303) 492-0707  
Campus Box 449                        fax: (303) 497-7013  
Boulder, CO 80309-0449    USA

---