
Subject: Re: IDL: CALL_EXTERNAL under Solaris 2.3

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

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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.

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