
Subject: Re: HELP::: CALL_EXTERNAL & C
Posted by [Nigel Wade](#) on Wed, 12 Jun 2002 09:22:47 GMT
[View Forum Message](#) <> [Reply to Message](#)

rc wrote:

> hi all,
>
> Can anyone please help me with the following error::
>
>
> % CALL_EXTERNAL: Error loading sharable executable.
> Symbol: tst_call2, File =
> /data/geomatics3/prg_new/call_tst/case2mod2.so
> ld.so.1:
> /nerc/packages/envi/idl_5.5/bin/bin.solaris2.sparc6
> 4/idl: fatal: /data/geomatics3/prg_new/call_tst/case2m
> od2.so: wrong ELF class: ELFCLASS32
> % Execution halted at: CASIDAS87_44 691
> /space/data/geomatics3/prg_new/call_tst/casidas87_44.pro
> % \$MAIN\$ 1
> /space/data/geomatics3/prg_new/call_tst/casidas87_44.pro
> % Program caused arithmetic error: Floating underflow
>
>
> thanks in advance
> RC

Well, it looks like you're trying to load a 32bit DSO into a 64bit executable and the link/loader is refusing. I'd guess you need to recompile/link the DSO as 64bit, or run the 32bit idl binary.

The clues I'm basing this guess on are :

> idl_5.5/bin/bin.solaris2.sparc64/idl

> wrong ELF class: ELFCLASS32

--

Nigel Wade, System Administrator, Space Plasma Physics Group,
University of Leicester, Leicester, LE1 7RH, UK
E-mail : nmw@ion.le.ac.uk
Phone : +44 (0)116 2523568, Fax : +44 (0)116 2523555
