
Subject: Re: HELP::: CALL_EXTERNAL & C
Posted by [Nigel Wade](#) on Wed, 12 Jun 2002 09:22:47 GMT
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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  
>     Id.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
```

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