
Subject: Re: call_external under Solaris
Posted by [sjt](#) on Wed, 29 Jun 1994 09:43:48 GMT
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Ben Foster (foster@hao.ucar.edu) wrote:

: We have recently upgraded our Sun's from SunOS 4.x to Solaris (5.x),
: and my call_external no longer works. I have remade the shard object
: library (ld flags were different), but CALL_EXTERNAL cannot find the
: symbol:

```
: % CALL_EXTERNAL: Error loading sharable executable.  
:      Symbol: _calltselec_, File = ./msis.so  
:      ld.so.1: /opt/local/pkg/idl/bin.sunos.5.2.sun4/idl:  
:      fatal: relocation error: symbol not found:  
:      _fp_accrued_exceptions: referenced in ./msis.so
```

This is just typical of the irritating little differences between SunOS 4
and Solaris!

For some reason known only to the authors of the system, the preceding
underscore should not be there in Solaris. So just replace _calltselec_
with calltselec_ and similarly for any other entries and you should be
home free.

: msis.so is the object lib. When I use nm on msis.so and
grep for : calltselec I get:

```
: (vishnu) msis : nm msis.so | grep calltselec  
: [37] |      0|      0|FILE |LOCL |0   |ABS   |calltselec.f  
: [493] |  9384|  188|FUNC |GLOB |0   |7     |calltselec_  
: (vishnu) msis :
```

: So the module calltselec is in the lib. Is the problem the difference in
: underscores? Has anyone solved this yet? Thanks for suggestions...

```
: ---  
: -----  
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```

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"If all else fails--read the instructions!"

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