
Subject: idl

Posted by [terrie](#) on Tue, 25 Feb 1992 15:07:43 GMT

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Hi,

I am trying to call a fortran subroutine from IDL using the call_external function. I am running on a SUN 4/390 f77 version 1.3.1, SUNOS 4.1.1. I have followed the instructions for creating a shareable library as described in the IDL manual. However when I issue the command from the IDL prompt:

```
iret=call_external('fcode.so','_test_')
```

I get the error message:

ld.so: call to undefined procedure _s_wsle from 0xf????????

Note that fcode.so is the shareable library file I just created and test is the name of my subroutine.

I have determined that _s_wsle is in the F77 library. I have successfully compiled fortran code on our machine before so I'm not sure if the problem is caused by IDL or SUNOS. I have been successful in using the call_external function to call a "c" version of test using similar steps. Has anyone e

experienced this problem??? If so were you able to correct the problem? I have contacted SUN regarding this situation and they are sending me patches for the operating system for ld.so, ldconfig, ldd, and whole host of related patches. I understand that the IDL folks do not have fortran on their SUN's so if any one has tried this please drop me a line.

Thanks,

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