Subject: Re: Calling fortran Posted by dors on Thu, 10 Oct 1996 07:00:00 GMT

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Examples of how to use call_external come WITH idl. The are located in a path something like: /usr/local/rsi/idl_4/external/examples/sharelib/

Also check out the IDL FORTRAN-FAQ:

ftp://eos.crseo.ucsb.edu:/pub/idl/idl-fortran.Z

Note that the call external example given uses a C interface program, it is also possible to use a FORTRAN interface program.

A very simple shell of a FORTRAN interface program would look like: (check out the post I made last week about this with a more complicated example. I erased it, maybe someone else will be kind enough to repost it. :)

```
С
    Interface routine
    SUBROUTINE pass (argc, argv)
c note size of intergers on the next line depends on your system pointer size
    INTEGER*8 argc, argv(*)
    CALL mysub (%VAL(argv(1)),%val(argv(2)))
    RETURN
    END
    SUBROUTINE mysub (a, b)
    integer*4 a, b
    print *, a, b
    end
idl:
j=CALL_EXTERNAL ('mylib.so','pass_',NBLOCKS,len,VALUE=[0,0])
 Eric
                    \ O.
```

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"if free particles were truly free"				
"they wouldn't be represented by bras, <k "<="" th=""></k >				
oh no, how did a physics joke make it in here? :^)				
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