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Also check out the IDL FORTRAN-FAQ:

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

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. :)

```
c    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

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$$\begin{array}{c} \diagup \\ \diagdown \end{array} O, \quad \begin{array}{c} \diagup \\ \diagdown \end{array} V) \quad \text{---} \quad \diagup$$

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

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