Subject: Re: how can i call a compiled fortran code from IDL? Posted by David Fanning on Thu, 06 Feb 2003 16:24:15 GMT

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James Kuyper (kuyper@saicmodis.com) writes:

- > It's a naming convention issue, and the naming conventions are different
- > on different platforms. On some platforms, an '_' is prepended, rather
- > then appended, on some platforms, both will be needed.

>

- > If you have access to HDF, it provides a header "hdfi.h", containing a
- > number of useful macros for encapsulating what the've learned about
- > portable Fortran-C coding. FNAME(name) provides the C function name that
- > will be callable as a Fortran function or subroutine called 'name'; it
- > adds '_' whereever it's needed, if it's needed. In order to make a C
- > function work as a Fortran function returning a specified type, you
- > declared the return type as FRETVAL(type). It also defines a typedef
- > named 'intf' for an integral C type that has the same representation as
- > the Fortran INTEGER type.

Mads, do you see now why SPAWN is the solution of choice here? :-)

Cheers.

David

P.S. Let's just say learning FORTRAN is only the *start* of your trouble. :-(

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