
Subject: Re: how can i call a compiled fortran code from IDL?

Posted by [mads](#) on Thu, 06 Feb 2003 17:40:26 GMT

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hi all,

what if i have to use,
spawn, 'c:\hi\what to do now\something.exe'
now the space that is in "what now" causes a problem. Thats the reason i was
against spawning. i can solve that by just moving all the files into the
working directory and just use
spawn,'something.exe'
thats how i have solved the problem now
sincerely

madhu

"David Fanning" <david@dfanning.com> wrote in message
news:MPG.18ac3a1b6d55b87a989ace@news.frii.com...

> 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 '_' wherever 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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