Subject: Re: R: How to call fortran subroution?
Posted by Paul van Delst on Thu, 12 Apr 2001 13:41:22 GMT

StefanoM wrote:

>
> Sadly, IDL cannot call directly a fortran subroutine, but it must be
> compiled into a DLL. Then you can use call_external ... the things are
> complicated by the fact that IDL and Fortran require the parameters to be
> passed in different ways: by value and by reference (see my post the
> 10/04/01).

In this particular case (calling fortran from IDL) that may be true, but nowadays most optimising fortran compilers (f90/95 at least) generate code that can pass arguments either by value or reference depending on which is more efficient for a particular situation.

paulv

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Paul van Delst   A little learning is a dangerous thing;
CIMSS @ NOAA/NCEP   Drink deep, or taste not the Pierian spring;
Ph: (301)763-8000 x7274 There shallow draughts intoxicate the brain,
Fax:(301)763-8545   And drinking largely sobers us again.
paul.vandelst@noaa.gov   Alexander Pope.