
Subject: Re: Guide: how to call Fortran from IDL in a portable and standard F 2003 way

Posted by [David Fanning](#) on Thu, 27 Feb 2014 17:01:04 GMT

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negri.andre@gmail.com writes:

> Recently, I felt the necessity (in IDL) of a subroutine that was coded extremely well in Fortran, with a skilled use of nested do loops over some matrices. I thought that the time was come to interface IDL and Fortran.

Hi Andre,

Nice article! Can I make this available to the community by putting it on my web page?

Cheers,

David

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David Fanning, Ph.D.

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Guide: how to call Fortran from IDL in a portable and standard F 2003 way

Posted by [Lajos Foldy](#) on Thu, 27 Feb 2014 17:34:10 GMT

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On Thursday, February 27, 2014 5:51:08 PM UTC+1, negri...@gmail.com wrote:

> Recently, I felt the necessity (in IDL) of a subroutine that was coded extremely well in Fortran, with a skilled use of nested do loops over some matrices. I thought that the time was come to interface IDL and Fortran.

Nowadays I use /AUTO_GLUE in CALL_EXTERNAL. Here is a Fortran 77 example (I used Fortran 30 years ago :-):

test.f:

```
subroutine test(array, n,m)
integer*4 n, m
real*8 array(n,m)
write(*,*) array
end
```

gfortran -c -fPIC test.f

