Subject: Re: Help on calling Fortran routines from IDL under linux
Posted by Nigel Wade on Thu, 09 Oct 2003 09:34:47 GMT

David Green wrote:
> Nigel Wade <nmw@ion.le.ac.uk> wrote in message news:<bm10fa$ef8$1@south.jnrs.ja.net>...
>
>>
>> Hmm, shouldn't that be 'print, sum'? Your C wrapper puts the sum in the 3rd
>> parameter, argv[2].
>>
>> Also, your C wrapper return type is void, so s in IDL will have no value.
>
>
> Hey thanx Nigel, you are right of course, i thouhgt that the s
> variable would contain the answer however this is obviously not the
> case, do you know what it does contain?
>
> Using the fortran wrapper works fine and print, sum gives the correct
> answer. Now to apply this approach to a more complicated function...

It's the return value of the function called.

Since your external routine has void as it's return type it doesn't return
anything, so s will contain garbage.

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