
Subject: Re: IDL calling a Fortran routines
Posted by [Haje Korth](#) on Mon, 23 May 2005 18:11:26 GMT
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I don't think you even need the c wrapper. I have done this in the past using wrappers in fortran similar to the one below, which works on Lahey Fortran. This work on IVF and CVF too, only the DLL_EXPORT statement varies between the compilers. Don't forget to tell youe fortran compiler to create a dll insted of lib.

Cheers, Haje.

```
REAL*4 FUNCTION SUM_ARRAY(ARGC, ARGV)

DLL_EXPORT SUM_ARRAY

INTEGER*4 ARGC, ARGV(*)

J=LOC(ARGC)

CALL SUM_ARRAY1(%VAL(ARGV(1)),%VAL(ARGV(2)),%VAL(ARGV(3)))

SUM_ARRAY=9.9

RETURN

END
```

<jianguang.guo@gmail.com> wrote in message
news:1116859283.041232.74090@o13g2000cwo.googlegroups.com...
> Hi,I'm a new guy for IDL.I want to call a fortran routine from idl.The
> guide of the IDL tell me that the easy way is by using call_external.
> It seems that most examples are under unix or other OS. When I call
> fortran code via C wrapper,I does not know how to get the
> "example.dll"(I try to run the 'example_c2f.c' from the external
> development guide,but fail). I use IDL6.0 under win2000. I hope to get
> some detailed examples on win.Thanks
>
