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Subject: Re: IDL calling Fortran  
Posted by [biophys](#) on Fri, 28 Apr 2006 19:31:31 GMT  
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hi, Cliff

I've never tried cvf myself. How does it break? Does it compile? This might hve something to do with the fact that typically %VAL only pass 4byte(32bits) on x86-32 system and 8byte(64bits) on x86-64 system. Under linux, my experience with ifort is-

if I use f77 standard(\*.f), the example in EDG should work with no problem.

if I use f90 standard(\*.f90), it works only when the corresponding dummy is integer\*4

if I want to work with data other than integer\*4 in f90, I have to use NO\_ARG\_CHECK for the ATTRIBUTES of the dummy

I hope this helps.

Cheers,  
bp

Cliff wrote:

- > I have a problem calling Fortran from IDL. I have written code to do
- > this before but my current DLL breaks when using double precision. Does
- > the %VAL command only work with real\*4? Does anyone have an F90 example
- > using real\*8?
- >
- > look forward to hearing from you.
- >
- > By the way I am using compaq visual fortran on windows XP.