Subject: Re: Call_external passing problem
Posted by Rick Towler on Wed, 22 Oct 2003 18:57:50 GMT

"David Green" wrote...
> Hi everyone, recently i've been using the call_external function a bit
> to call fortran code through c wrappers and i thought i had it sorted
> however i can't seem to see my mistake in this one...

Have you tried using the AUTO_GLUE keyword to CALL_EXTERNAL?

Word on the street is that it makes life much easier. Since you are using
gcc, you'll need to tweak your !MAKE_DLL environment vars a bit. All of
this is documented.

There is also Stein Vidar Hagfors Haugan's dlm form available at:
http://www.astro.uio.no/~steinhh/idl/dlmform.html which automagically writes
the C wrappers for F77 code if AUTO_GLUE isn't working for you.

Also, I don't use gcc to build on linux but you'll probably want to add
the -fPIC switch when compiling your wrapper.

-Rick