bridgemat wrote:
> I did try the /f77_unformatted keyword when writing the original file,
> but I still couldn't get it to work. It shouldn't have anything to do
> w/ using Fortran 90 instead of 77, right? Or am I doing something
> altogether wrong in my Fortran program?

Hello,

I just grabbed both your codes and mucked about and had a "d'oh" episode.

You create the data in IDL using INDGEN == 2 byte ints. In your f90 code you read the data with the default int which is 4 bytes. That's why you're getting the I/O error.

Two options:

1) In IDL create the data like so:
    test=LINDGEN(3,4,5)
  And read it with your current f90 code.

Or

2) Create the data file with your current IDL code and in Fortran90, define your integer arrays like so:
    INTEGER, PARAMETER :: ip = SELECTED_INT_KIND(4)
    INTEGER(ip), DIMENSION(3,4,5)::arr_in,arr_out

The integer kind parameter from SELECTED_INT_KIND(4) should give you the kind type for a 2-byte integer.

I prefer option (1) coz it's the simplest, but YMMV.

cheers,

paulv