Subject: Re: behavior of arrays

Posted by R.Bauer on Thu, 20 May 1999 07:00:00 GMT

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Pavel Romashkin wrote:

- > I do not quite realize what is the point in this exercise. FLTARR(10,1)
- > is an array with 10 columns and 1 row (which all is meaningful only in
- > the direction of array operations which in IDL is row-wise). Therefore,
- > seems to me that FLTARR(10, 1) is the same as FLTARR(10) to begin with
- > (unlike FLTARR(1, 10)). If you anticipate expanding the matrix, its easy
- > to do by using TRANSPOSE and subscripts. I have never experienced a
- > problem with losing or mixing up dimensions, although most of my data
- > are matrices. In the example below, I see no loss of information in the
- > transition from d to c. If you defined more than 1 row, C would be 2D
- > in the last statement.
- > Cheers,
- > Pavel

>

The problem I have is

if I like to write a field (10,1) to a netCDF File only one dimension is defined

instead of two because size returns only one dimension.

At the moment I have to define _fillValue in the second row to get two dimensions.

R.Bauer