
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
