
Subject: Re: Quick array question

Posted by [Liam E. Gumley](#) on Wed, 13 Sep 2000 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Ricardo Fonseca wrote:

> How does IDL store arrays in memory, does it use c style ordering or fortran
> style ordering?

>

> Here's my problem, I wrote a fortran program that writes a binary file to
> disk with an array (nx,ny,nz). Now when I read that file should I do

>

> data = fltarr(nx,ny,nz)

> readu, unit, data

>

> or should I do

>

> data = fltarr(nz,ny,nx)

> readu, unit, data

>

> and convert it later?

IDL uses FORTRAN-style ordering for arrays in memory. If you wrote the array in FORTRAN with dimensions (nx, ny, nz), then read it in IDL with dimensions (nx, ny, nz).

Cheers,

Liam.

<http://cimss.ssec.wisc.edu/~gumley>
