Subject: Re: The continuing saga of WHERE and 2D
Posted by Liam E. Gumley on Thu, 27 Feb 2003 21:07:55 GMT

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"Sean Raffuse" <sean@me.wustl.edu> wrote in message
news:b3lt4h$5gr$1@newsreader.wustl.edu...
> Ok, so I've found the nifty little WhereToMulti program that converts 1D
> where() results back to the original 2d or 3d indices. My question, and I
> am sensing that it is a dumb one, is how can I use these returned indices
> properly?
>
> Example:
>
> ;the part that works (stolen wholesale from D Fanning's website)
> index = WHERE(image EQ test)
> s = SIZE(image)
> ncol = s(1)
> col = index MOD ncol
> row = index / ncol
>
> ;the part I am confused about
> image[col, row] = PassedTheTest
>
> *** Error, too many elements in array. . . and you're ugly. ***

Maybe I'm missing something, but why not use

image[index] = PassedTheTest

You're allowed to use 1D indices to access any n-dimensional array.

Cheers,
Liam.
Practical IDL Programming
http://www.gumley.com/