Subject: Re: Working with indices of WHERE
Posted by David Fanning on Wed, 03 Mar 2004 17:05:12 GMT
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Nuno Oliveira writes:

> It is possible to work with indices resulting of using the function WHERE.
>
> If I have a certain region I want to move the entire region... can I do
> it with the indices? Where (oh, irony!) can I read about it?
> (I've already looked in the Reference Guide and there's nothing about it).

Oh, Nuno, you are looking entirely in the wrong direction!

  http://www.dfanning.com/tips/where_to_2d.html

Convert the 1D indices to columns and rows and add your
offsets.

Cheers,

David

P.S. I think there is a new IDL routine that does this,
but I can't remember the name.

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David Fanning, Ph.D.
Fanning Software Consulting
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: Working with indices of WHERE
Posted by savoie on Wed, 03 Mar 2004 20:25:39 GMT
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David Fanning <david@dfanning.com> writes:

> P.S. I think there is a new IDL routine that does this,
> but I can't remember the name.

It's called ARRAY_INDICES.

IDL> y = where(x lt 20)
IDL> idx = ARRAY_INDICES(x, y)
IDL> help, idx
IDX   LONG   = Array[2, 20]

> David Fanning, Ph.D.
> Fanning Software Consulting
> Coyote's Guide to IDL Programming: http://www.dfanning.com/

Matt.

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