Subject: Re: Filtering data in multidimensional arrays
Posted by davidf on Thu, 01 Jun 2000 07:00:00 GMT
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Simon de Vet (simon@mathstat.dal.ca) writes:

> David Fanning wrote:
>
>> Oh, the WHERE function applies equally well to multidimensional
>> arrays. And the beauty of it is, you don't have to understand
>> it. You just have to use it. :-)
>
> I'm clearly not capable of doing even that! :)
>
> I've followed the instructions on your site, but the results are not what I
> expected. Since the flights run from 3-19, I would expect that index to look
> like 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19. However, the actual index
> looks like this, but repeated many times, ending at #15. Weird...
>
> If I try to use my indices in the plotting, (ie: plot, pem1(flightindex,
> ptsindex, 4), pem1(flightindex,ptsindex,3) ) IDL hangs. After about 5 minutes
> I cancel the process. Without culling negative values the process takes about
> 1.5s, at most.
>
> Any idea what could be going wrong? Am I misunderstanding the usage of these
> indices?

Humm, I'd have to see a little code to see what it is exactly you
are trying to do, but I have no time to look at it today. This is
a pretty small array, however. Why don't you just break the problem
up into (20?) pieces that you know how to deal with and do it in
a loop? It may cost you 0.000348302 seconds of processing time,
but it would be finished by the end of lunch today. :-)

Cheers,

David

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