Subject: Re: Filtering data in multidimensional arrays
Posted by Simon de Vet on Fri, 02 Jun 2000 07:00:00 GMT
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David Fanning wrote:

> 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. :-)

I'm not even sure if I could do this, but I'll give it a try.. It's ackward since I'll have to eventually read in another 3 data sets with similar properties, and I'd much rather handle 4 big arrays than 80 little ones. It's my own brain I'm worried about, not the computer's!

I think my problem may be that my array is not consistent. I can apply one filter to the flight# (3-19 only), but I cannot apply a single filter to the point number, since this varies from flight to flight. On flight 3, there may only be 10 data points, but flight 4 may have 12, flight 4 21, etc...

Perhaps I am misunderstanding the usage of the filter. Am I producing seperate filters for each dimension (hence the problem above), or am I producing a global filter for the entire array (which treats entries individually, and not genrically by dimension)?

Simon