Subject: Re: simple array math question
Posted by Pepijn Kenter on Fri, 24 Jan 2003 15:50:03 GMT
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"Kenneth Bowman" <k-bowman@null.tamu.edu> wrote in message
news:k-bowman-4D0582.08381824012003@news.tamu.edu...
> In article <b0rce6$23c$1@news.surfnet.nl>,
> "Pepijn Kenter" <kenter@tpd.tno.nl> wrote:
>
>> And does any IDL-wizard know a similar trick to average each row/column
of
>> a?
>> i.e. to replace the following lines:
>>
>> result = dblarr(3)
>> for i = 0, 2 do result[i] = mean(a[*,i])
>
> That's an easy one:
>
> result1 = TOTAL(a, 1, /DOUBLE)/n1
> result2 = TOTAL(a, 2, /DOUBLE)/n2
>
> where n1 and n2 are the sizes of the first and second dimensions,
> respectively.
>
> Ken Bowman

Thanks, but what I actually meant was a way where you can replace the mean
function by any, arbitrary function.
I forgot about the dimension parameter of the TOTAL function, so my example
was a bad one. Sorry.

Pepijn.