Subject: Re: confused multiplying arrays
Posted by MC on Fri, 12 Nov 2010 00:49:22 GMT
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On Nov 12, 10:11 am, Paula <paulartcoe...@gmail.com> wrote:
> hello,
>
> i've got two arrays:
>
> IDL> help,area,fluxes
> AREA   FLOAT   = Array[2000]
> FLUXES   FLOAT   = Array[2000, 112864]
>
> I want the i-th element in area AREA[i] to multiply all elements in
> the corresponding 2nd dimension in fluxes FLUXES[i,*] and then sum up
> all the 2000 resulting fluxes, i.e., using loop:
>
> for i = 0,1999 do begin
>   TOTAL_FLUX = TOTAL_FLUX + AREA[i]*reform(FLUXES[i,*])
> endfor
>
> i've been trying to figure out (without success) how to compute
> TOTAL_FLUX without the loop using TOTAL(). ideas?
>
> thx
> p.

Perhaps I've missed something, but isn't it just Area#Fluxes ?

Cheers