Subject: Re: another request for help with getting rid of for loops...
Posted by Maarten[1] on Tue, 15 Aug 2006 14:18:02 GMT
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davede10@gmail.com wrote:
> Hi everyone,
> i read alot about eliminating for loops in idl , and yet i can't get
> rid of this simple loop .
> here is what i'm trying to do (multiply each plane in a data cube by a
> number):
> any idea?
>
> A=fltarr(100,100,10) ;my data cube
> A(*,*,*)=1.
> b=findgen(10) ;just a culumn of numbers
> c=a
> for i=0.9 do c(*,*,i)=A(*,*,i)*B(i)

a = findgen(100,100,10)
b = findgen(10)
c = transpose(rebin(b, 10, 100, 100, /sample))
c = a*c

(Using findgen makes it easier to verify the result by searching the
old and new method for differences).

Maarten