
Subject: Re: matrix multiplication

Posted by [Chris\[6\]](#) on Tue, 28 Oct 2008 20:59:51 GMT

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On Oct 28, 8:42 am, David Fanning <n...@dfanning.com> wrote:

```
> russ writes:
>> Probably a stupid question but I haven't used idl for a while
>
>> Is there a quicker way of doing this?
>
>> a=fltarr(1000,20)
>> b=fltarr(20)
>
>> for i=0,999 do begin
>>   a(i,*)=a(i,*)*b
>> endfor
>
> It might be faster to realize the end result is going
> to be an array of zeros than it would be to actually
> write the code. :-)
>
> But, I think you want this:
>
>   a = a * rebin(reform(b, 1, 20) ,1000, 20)
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Coyote's Guide to IDL Programming (www.dfanning.com)
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
```

I also like this shortcut for reform:

```
a = a * rebin(1#b, 1000, 20)
```

chris
