
Subject: Re: matrix multiplication

Posted by [David Fanning](#) on Tue, 28 Oct 2008 18:42:04 GMT

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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.")
