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Subject: Re: matrix multiplication

Posted by [russ\[1\]](#) on Tue, 28 Oct 2008 21:32:46 GMT

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On 28 Oct, 20:59, Chris <beaum...@ifa.hawaii.edu> wrote:

> 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](http://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

many thanks to you both

Russ

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