
Subject: Re: Matrix a*b in loop

Posted by [Yngvar Larsen](#) on Fri, 18 Jul 2014 08:43:09 GMT

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The following does the job, but will consume a lot of memory:

```
C = A*(reform(B))[* ,intarr(1523854)]
```

If memory is a problem, you can also split that operation in a loop, e.g. 1000 or 10000 rows at a time, reducing the number of iterations in the loop. The details are left as an exercise to the reader :)

On Thursday, 17 July 2014 23:16:29 UTC+2, Gompie wrote:

> Hi,

>

> I have a simple question.

>

>

>

> I have two matrices A (696 , 1523854) and B (1,696) Matrix .

>

> I wish to have a matrix c whose each row is a product of rows elements of a and b i.e a*b

>

>

>

> I can do it in a loop by saying a(:,i)*b but it takes a lot of time because I (~1523854) would be very large number. Is it possible to do it in one go.

>

>

>

> Thanks

>

> GlanPlot
