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Subject: Re: Need a function to multiply the elements of an array

Posted by [barsam](#) on Thu, 27 Apr 1995 07:00:00 GMT

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In article <3nm2uk\$qqq@pinot.umd.edu>,  
I wrote:

```
>  
> Hi,  
>  
> I am looking for a routine to multiply the elements of an array.  
> Is there a faster way of doing it than the following?  
>  
>  
> function prod, x  
> n = n_elements(x)-1  
> z = 1.d0  
> for i = 0, n do z = z * x(i)  
> return, z  
> end  
>  
>  
>  
> BM  
>
```

Thanks for the replies.

$z = \exp(\text{total}(\text{alog}(x)))$  gives me about 60% savings. Not terribly fast but obviously better than the "for" loop.

BM

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