Subject: Re: simple array math question
Posted by JD Smith on Fri, 17 Jan 2003 21:46:58 GMT
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On Thu, 16 Jan 2003 20:47:46 -0700, Craig Markwardt wrote:

> Heinz Stege <reply_to_posting@arcor.de> writes:
>> On Thu, 16 Jan 2003 14:05:27 -0600, "Sean Raffuse" <sean@me.wustl.edu>
>> wrote:
>>
>>>> > a=[[1,2,3],[4,5,6],[7,8,9]]
>>>
>>>> > b=[1,2,3]
>>>
>>> What is the best (read, fastest) way to multiply b by each individual
>>> row of a? I would like to return a result of:
>>>
>>> [[1,4,9],[4,10,18],[7,14,27]]
>>
>>
>> result=a*b(*,intarr(3))
>
> WOW! I've never seen that! It scares me how cool that is. :-)
>
> Craig

I may have to add that to the REBIN/REFORM tutorial. I'll see how fast it is first. It's definitely one of the more readeable ways to add a new trailing dimension. Doesn't work for leading or in-the-middle dimensions, as far as I can tell.

JD