Subject: Re: simple array math question
Posted by Craig Markwardt on Thu, 16 Jan 2003 21:30:37 GMT

"Sean Raffuse" <sean@me.wustl.edu> writes:

> Hello.
>
> Here is what I believe will be a pretty simple question.
>
>>> 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]]
>
> assuming my arithmatic is correct.

x = ([1,1,1]##b) * a

A more stylistically correct way to do it would be to REBIN/REFORM the
variable B into the proper dimensions.

Craig
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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
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