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Subject: Re: simple array math question  
Posted by [JD Smith](#) on Mon, 27 Jan 2003 18:00:59 GMT  
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On Sun, 26 Jan 2003 13:11:31 -0700, Craig Markwardt wrote:

> Heinz Stege <reply\_to\_posting@arcor.de> writes:  
>>  
>> Thanks a lot for this very instructive contribution! Since the  
>> proposal of the intarr() method was from me, the NG may allow me to  
>> state this here.  
>>  
>> REBIN(REFORM(...)) is the better alternative. This is obvious now.  
>  
> "Better" can be defined in a lot of ways. Your solution is by far the  
> most readable way, in my view, to extend arrays. And it's cool because  
> nobody seems to have discovered it before!  
>  
> Speed is only king when you need a king.

Well put. Ideally, IDL would have an intrinsic, readable, "inflate"  
operator to do what we're all doing in roundabout, quasi-readable ways  
right now. Maybe something like:

```
IDL> a=findgen(10,12,14)
IDL> g=a[3;7]*randomu(sd,10,12,7,14)
```

I.e. replicate 7 times over the third dimension.

You might even be able to make it general enough to combine with the  
other indexing operators.

JD

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