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Subject: Re: 2D array replicated into 3D array plane by plane  
Posted by [Vince Hradil](#) on Wed, 26 Sep 2007 14:49:09 GMT  
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On Sep 26, 9:30 am, "M. Katz" <MKatz...@yahoo.com> wrote:  
> I'm wondering if there's a quick way to replicate a 2D array  
> into a 3D array with every xy plane being the same.  
>  
>> From 1D to 2D I use something like this, the outer product.  
>  
>  $xx = x \# (1 + \text{fltarr}(N))$   
>  
> This makes every row equal to x in a jiffy.  
>  
>> From 2D to 3D however, the methodology is not as clear.  
>  
> Thanks,  
> M. Katz

```
xx = rebin(x,nx,ny,nz,/sample)
```

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Subject: Re: 2D array replicated into 3D array plane by plane  
Posted by [M. Katz](#) on Wed, 26 Sep 2007 21:14:54 GMT  
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```
xx = rebin(x,nx,ny,nz,/sample)
```

Brilliant! Thank you.

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