
Subject: Re: How do you get rid of for-loops with arrays
Posted by [John-David T. Smith](#) on Wed, 08 Mar 2000 08:00:00 GMT
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Karri Kaksonen wrote:

```
>  
> I have tried to understand how to use the arrays in IDL but  
> there is still tons of techniques that I don't know...  
>  
> Is it possible to do this without for-loops?  
>  
> a = [[1,2,3],[4,5,6]]  
> b = [2,2,3]  
>  
> for i=0,1 do a[* ,i] = a[* ,i] * b
```

```
a=a*rebin(b,3,2,/samp)
```

Redimensioning arrays in calculations is so important, it's in the FAQ:
<http://www.ivsoftware.com:8000/FAQ/FMPro?-db=idl%5ffaq.fp3&-format=record%5fdetail.htm&-lay=entry%20layout&-max=2147483647&-recid=36&-findall=>

JD

--

```
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Cornell University Dept. of Astronomy |*|    (607) 255-6263  
304 Space Sciences Bldg.      |*|    FAX: (607) 255-5875  
Ithaca, NY 14853           |*|
```

Subject: Re: How do you get rid of for-loops with arrays
Posted by [Andy Loughe](#) on Wed, 08 Mar 2000 08:00:00 GMT
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> --
```

> Thanks,
>
> Karri

a = (b # replicate(1,2)) * a

Andrew F. Loughe email:loughe@fsl.noaa.gov phone:(303)497-6211
