
Subject: Re: subscripting arrays
Posted by [Chris Lee](#) on Tue, 22 Nov 2005 09:36:47 GMT
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Benjamin Hornberger wrote:

```
> Hi all,  
>  
> this is probably simple, but I can't figure it out right now:  
>  
> I want to extract an element from a 2d array, and I have the 2d  
> subscripts of that element available as a 2-element vector.  
>  
> IDL> a = dist(300)  
> IDL> b = [30, 50]  
> IDL> print, a[b]  
>      30.0000      50.0000  
>  
> Not what I want. What I want is  
>  
> IDL> print, a[b[0], b[1]]  
>      58.3095  
>  
> Is there a more elegant way than splitting b up?  
>  
> Thanks,  
> Benjamin
```

You can get the correct answer using the one-dimensional index.

```
a=dist(300)  
b=[30,50]  
scale=[1,300]  
print, a[total(b*scale)]
```

but it's not very elegant.

Chris.
