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Subject: Re: Array indexing problem

Posted by [David Fanning](#) on Wed, 28 Jan 2004 21:34:03 GMT

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Roy writes:

> Is there any existing code that will catch the below IDL simple  
> example? Input a and b must be an array.  
>  
>  
> Input is an array:  
> IDL> b=[4]  
> IDL> a=[0,1,2]  
> IDL> print,a[b]  
> 2  
> This should give me an error.

Alas, you have run into a little known, but enormously appreciated, little feature of IDL. (I'm sure it is explained in the manuals somewhere. :-)

Maybe something like this for an error handler:

```
IF Total(b GT ((N_Elements(a) -1)) GT 0 THEN $  
    Message, 'B indices exceed bounds of A'
```

Cheers,

David

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