
Subject: Re: Using where() on slices of data cubes
Posted by [David Fanning](#) on Tue, 20 Oct 2009 20:03:29 GMT
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Lajos writes:

```
>
> On Tue, 20 Oct 2009, Conor wrote:
>
>> I feel like this should be an easy one, but I've never quite figured
>> it out. Let's say I got a data cube and I want to do something on
>> just a slice of it, say I want to turn certain values in a column into
>> something else:
>>
>> w = where( cube[1,*,*] lt 0 )
>>
>> It seems like you should be able to do something like this:
>>
>> cube[1,w] = 1e24
>>
>> But that doesn't work... Somehow I can't quite figure out the right
>> way to do this.
>>
>
>
> cube[where(cube[1,*,*] lt 0)*(size(cube, /dim))[0]+1] = 1e24
```

Humm. Well, I suppose, for this **specific** problem. I can't wait to see the general solution, though, for a slice in any direction. Do you suppose it will fit on a page of paper? :-)

Cheers,

David

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David Fanning, Ph.D.
Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
