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Subject: Re: subset a 2d array

Posted by [xiao zhang](#) on Thu, 14 Aug 2008 16:24:26 GMT

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On Aug 13, 10:53 pm, David Fanning <n...@dfanning.com> wrote:

> xiao writes:

>> hmmm... The problem is I have a array like 240\*500. And all the  
>> values are different. And I do not know the row and column. I only  
>> know the center value should be 2.5 . Then ,how can I do that? :)

>

> index = Where(array EQ 2.5, count)

> xy = array\_indices(array, index[0])

> subarray = array[xy[0]-1:xy[0]+1, xy[1]-1:xy[1]+1]

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Sorry David, I still got problems here. I printed out all the values  
in the array and i found the center value which is -28.0011 but when I  
tried to do this :

```
index=where(lat eq -28.0011,count)
```

```
xy = array_indices(lat, index[0])
```

```
subarray = lat[xy[0]-400:xy[0]+400, xy[1]-400:xy[1]+400]
```

It cannot find the index number...Why is that? Thank you?

PS :THIS ARRAY IS A FLOAT ARRAY.

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