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Subject: Re: where function not finding value  
Posted by [David Fanning](#) on Tue, 10 Mar 2015 18:42:34 GMT  
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Jahvasc writes:

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>
> However, when I use the where function, I get some "holes". This is the bit of the code I'm
using:
>
> mmod=[findgen(10)*0.01 + 0.01,findgen(3)*0.1 + 0.2]
> massi=0.
> for j=0,12 do begin
>   a=where(mass gt massi and mass le mmod(j),count)
>   print,massi,mmod(j),count
>   massi=mmod(j)
> endfor
>
> In this case I get the following numbers:
>
> 0.00000  0.0100000    79
> 0.0100000 0.0200000    57
> 0.0200000 0.0300000    48
> 0.0300000 0.0400000    44
> 0.0400000 0.0500000     0
> 0.0500000 0.0600000    43
> 0.0600000 0.0700000    73
> 0.0700000 0.0800000    43
> 0.0800000 0.0900000     0
> 0.0900000 0.100000     31
> 0.100000 0.200000     59
> 0.200000 0.300000     14
> 0.300000 0.400000      9
>
> When I manually try, for example,
>
> a=where(mass gt 0.04 and mass le 0.05,count)
> print,count
>
> I get count=43. What's is going on?
```

Given the evidence, I would say you are making incorrect assumptions about your data.

Cheers,

David

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David Fanning, Ph.D.  
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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

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