
Subject: Re: A strange error with WHERE
Posted by [David Fanning](#) on Fri, 31 Jul 2009 03:22:18 GMT
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Lindzen writes:

```
> I come across a strange error with WHERE function. Could you
> please help me to check it?
> Here is part of the code. I will explain below the code.
>
> outer1_begin: id_hr = where(r03_temp ge 50)
>                 n_hr = n_elements(id_hr)
>
> if (n_elements(id_hr) gt 1) then begin
>   id_max = where(r03_temp eq max(r03_temp))
>   lonc = lon_aoc(id_max)
>   latc = lat_aoc(id_max)
>
>   ii=0
>   outer2_begin: print,ii
>   ii=ii+1
>   lon_left = lonc-ii*0.5
>   lon_right = lonc+ii*0.5
>   lat_up = latc+ii*0.5
>   lat_down = latc-ii*0.5
>   id_box = where(lon_aoc ge lon_left)
>
> Here lon_left=117.25, is a float number. lon_aoc is a 80*30 matrix,
> with many values larger than 117.25.
> If I use id=where(lon_aoc ge 117.25), id returns right results.
> However, the above code returns -1 to id_box. It is really strange.
> Could anyone help me? Thank you very much!
```

There is nothing wrong with the WHERE function.
There is (certainly) something wrong with one
of your assumptions. You will need to discover
which one it is. The HELP and PRINT commands are
useful for this chore.

Cheers,

David

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