
Subject: Re: operator fails?

Posted by [David Fanning](#) on Wed, 22 Sep 2010 20:59:27 GMT

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Gray writes:

```
> Can anyone explain this?
>
> IDL> nsrc = n_elements(srcy)
> IDL> s = size(img,/dim)
> IDL> bs = rebin([-10,10],2,nsrc,/sample)
> IDL> yb = 0. > rebin(transpose(srcy),2,nsrc,/sample)+bs < s[1]-1
> IDL> print, n_elements(where(yb lt 0))
>      5
>
>
> How does yb ever become less than 0? Isn't the > operator in this
> usage supposed to prevent this?? Thanks.
```

This is one of the classic gotchas. You are going to need some parentheses in that long line. Do you see it? :-)

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.")

Subject: Re: operator fails?

Posted by [Gray](#) on Thu, 23 Sep 2010 00:13:30 GMT

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On Sep 22, 4:59 pm, David Fanning <n...@dfanning.com> wrote:

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Oh. Oh, oh, oh. Grrrrrr..... >:O

Subject: Re: operator fails?

Posted by [Gray](#) on Thu, 23 Sep 2010 13:20:48 GMT

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On Sep 22, 8:13 pm, Gray <grayliketheco...@gmail.com> wrote:

> On Sep 22, 4:59 pm, David Fanning <n...@dfanning.com> wrote:

>
>
>
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```

```
IDL> yb = 0 > (rebin(transpose(srcy),2,nsrc,/sample)+bs) < s[1]-1
IDL> print, where(yb[0,*] le 0)
      6      7      18      23      29
```

Even with the parentheses it still doesn't work.

Subject: Re: operator fails?

Posted by [penteado](#) on Thu, 23 Sep 2010 13:28:41 GMT

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On Sep 23, 10:20 am, Gray <grayliketheco...@gmail.com> wrote:

> On Sep 22, 8:13 pm, Gray <grayliketheco...@gmail.com> wrote:

>

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> IDL> print, where(yb[0,*] le 0)
>      6      7      18      23      29
>
> Even with the parentheses it still doesn't work.

```

Did you not want it to be

```
yb = 0 > (rebin(transpose(srcy),2,nsrc,/sample)+bs) < (s[1]-1)
```

?

Subject: Re: operator fails?

Posted by [Gray](#) on Thu, 23 Sep 2010 13:41:49 GMT

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On Sep 23, 9:28 am, Paulo Penteado <pp.pente...@gmail.com> wrote:

```
> On Sep 23, 10:20 am, Gray <grayliketheco...@gmail.com> wrote:
```

```
>
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```

Thank you. Sigh...

Subject: Re: operator fails?

Posted by [David Fanning](#) on Thu, 23 Sep 2010 13:51:20 GMT

[View Forum Message](#) <> [Reply to Message](#)

Gray writes:

> Thank you. Sigh...

You will be grateful that it only bites you three times

before you learn to step around it. :-)

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.")
