
Subject: Re: need help on ROI subscript
Posted by [davidf](#) on Fri, 17 Sep 1999 07:00:00 GMT
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Leonid Syrkin (lsyrkin@yahoo.com) writes:

```
> I need to calculate total counts inside a defined ROI in the multyframed
> image im256=IntArr(256,256,30). I define ROI in the first frame
> im256(*,*,0). Q is a subscript. Then I am trying to to calculate total
> counts inside ROI for every image. It starts fine for the first frame
> and gives the error on the second cycle:
>
> % Subscript range values must be >= 0, < size: IM256.
> % Execution halted at:  DISPLXE_DEFR      381
> /export/home/rsi/idl_5.2/myfiles/DisplXe.pro
> %
> %          WIDGET_PROCESS_EVENTS
> %          $MAIN$
>
>
> What does it mean? Why subscript Q works fine for the first frame and
> stops on the second?
```

I think your problem is right here:

```
> im256=IntArr(256,256,30)
> FOR j=0, 29 DO BEGIN
>   im256=rebin (im[*,*],256,256)
> ENDFOR
```

If you put a HELP statement at the bottom of this code
I think you will find that im256 is a 256 by 256 array
and not the 256 by 256 by 30 array you think it is. :-)

You probably meant to write something like this:

```
im256=IntArr(256,256,30)
FOR j=0, 29 DO BEGIN
  im256[*,*]=rebin (im[*,*],256,256,1)
ENDFOR
```

Cheers,

David

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