
Subject: Re: error: subscript range values of the form low:high must be ≥ 0 , $<$ size
Posted by [Jean H.](#) on Mon, 03 Nov 2008 23:54:50 GMT

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frankosuna wrote:

```
> I am trying to store values into a array of type long but I keep
> getting the following error:
> subscript range values of the form low:high must be  $\geq 0$ ,  $<$  size, with
> low  $\leq$  high: ROIPIXELS.
> The weird thing about it is when I set a breakpoint and step through
> the code it doesn't throw the error anymore. Also, if instead I don't
> use numClicks as the index and hardcode a 0 or 1 or 2...etc the code
> works as well!!!
>
> HELP!!!!!!!!!!
>
> roiPixels = LONARR(5,25)
> numClicks = 1
>
> WHILE(!mouse.button NE 4) DO BEGIN
>   CURSOR, xi, yi, /DEVICE
>   IF(!mouse.button EQ 1) THEN BEGIN
>     x = LINDGEN(5*5) MOD 5 + xi
>     y = LINDGEN(5*5) / 5 + yi
>     roiPixels[numClicks,*] = x + y * 1024
>     numClicks++
>   ENDIF
> ENDWHILE
```

if you click 6 times, numClicks = 7, which is greater than the 1st dimension of roiPixels...

You might want to resize roiPixels as numClicks grows (or start with a bigger array, and cut the unused entry when you are done)

Jean
