
Subject: error: subscript range values of the form low:high must be ≥ 0 , $<$ size
Posted by [frankosuna](#) on Fri, 31 Oct 2008 17:34:51 GMT

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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 ≥ 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
```

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:

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>   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
