Subject: Re: error: subscript range values of the form low:high must be >= 0, < size
Posted by pgrigis on Fri, 31 Oct 2008 18:31:16 GMT

Well, to debug this program, add a
print,numClicks
statement in the if clause and you'll see what's going on...

Ciao,
Paolo

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 >= 0, < size, with
> low <= 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 frankosuna on Fri, 31 Oct 2008 19:18:45 GMT

Yeah I did that already, I get the right values. There's something
weird going on here because when I step through the code with the
debugger the error isn't thrown. Maybe some data type error?

Subject: Re: error: subscript range values of the form low:high must be >= 0, < size

Yes, but you should do that outside the debugger.

Paolo

frankosuna wrote:
> Yeah I did that already, I get the right values. There's something
> weird going on here because when I step through the code with the
> debugger the error isn't thrown. Maybe some data type error?