
Subject: i386 v6.3 MacOSX: cursor.pro not responding to mouse button events

Posted by [Tom Berger](#) on Mon, 16 Jul 2007 01:01:12 GMT

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I'm trying to use a direct graphics routine from the astronomy library called curval.pro on a Mac i386 laptop. The mouse is a three-button mouse that is functioning fine outside of IDL (i.e. left button is primary, right button is secondary, scroll wheel is button 3, etc.). In curval, there is no response to mouse button events.

Here's the code fragment that should update !MOUSE from the cursor.pro built-in:

```
LOOP: sv_err = !MOUSE.BUTTON
!MOUSE.BUTTON = 0
cursor,x,y,2,/DEVICE,/CHANGE
cr_err = !MOUSE.BUTTON
if cr_err EQ 4 then begin
    print, ' '
    if fileflag then free_lun,lun
    return
endif
```

The rest of the routine prints out x and y as the mouse is moved across the window. This works correctly but there's no way to quit out of the loop since !MOUSE.BUTTON=4 is the exit condition. I have to Control-C to crash curval and then retall to get back - not a very elegant solution...

Nothing in my .Xdefaults file would seem to be messing with mouse functionality in X-windows. The only relevant entry might be a "*keyboardFocusPolicy: pointer" statement, but this is also in my PPC machine version that works correctly.

Any suggestions?

Thanks,

Tom
