
Subject: Moving a Line

Posted by [Mark Guagenti](#) on Thu, 15 Jun 2000 07:00:00 GMT

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I need some help figuring out how to copy a line drawn on the current graphics window to another position in the same window. What should happen is the user draws a straight line with the mouse on the current window and then that line he drew gets moved to the lower left hand corner of the window. What my program does right now is when the user clicks with his left mouse button it gets the first point then waits for the user to click the left mouse button again to get the second point. The program then uses plots to make a straight horizontal line using the 2 x positions found. The program SHOULD then copy that line to start at position [5,5]. But instead the program draws a line starting at [5,5] which goes to the x position of the current mouse position instead of the last clicked mouse position. I attached the code I am using to try this. Thanks for any help.

-- Mark

Grace and peace to you from God our Father and the Lord Jesus Christ.
1 Cor. 1:3

PRO CursorHelp

```
result = Dialog_Message('Click with your LEFT  
mouse button to choose the first point. Then click your LEFT mouse button  
again to choose the second point. Click the RIGHT mouse button to show  
the measurement.', /INFORMATION)
```

```
Window, 2, XSize=300, YSize=300
```

```
sx = 300
```

```
sy=300
```

```
LastWin = !D.Window
```

```
Window, 1, /Pixmap, XSize =300, YSize=300
```

```
WSet, LastWin
```

```
Cursor, xx, yy, /Device, /Down
```

```
y = yy - 0
```

```
x = xx - 0
```

```
if !order ne 0 then y = sy - 1 - y ;Invert?
```

```
if (x lt 0) or (x ge sx) or (y lt 0) or (y ge  
sy) then begin
```

```
result = dialog_message('Point outside  
image', /INFORMATION)
```

```
return
```

```
endif
```

```
REPEAT BEGIN
```

```
Cursor, xx1, yy1, /Wait, /Device
Device, Copy=[0,0,sx,sy,0,0,1]
PlotS, [xx,xx1], [yy,yy], /Device
ENDREP UNTIL !Mouse.Button NE 1
Device, Copy=[xx,yy,xx1,yy,5,5,lastwin]
END
```
