
Subject: Problems using CURSOR

Posted by [hahn](#) on Wed, 17 Jan 1996 08:00:00 GMT

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Hi,

My IDL program generates output on a terminal (either X Windows System or MS Windows) and wants to return 4 coordinate pairs the users selects. However, the following program waits only once for input and returns 4 time the same coordinates. The problem occurs with both IDL version 3.6.1b and 4.0.1 on both Unix and MS Windows, so I guess I might have overlooked some basic fundamentals using CURSOR.

The following procedure is called after Set_plot, 'x':

```
pro rd4
;
;
xr=[0,300] & yr=[-4000,4000]
;
; Some test data
dat = [100,200,-50,-300,-1200,-3000,-2000,0,500,800,3000,2400]
x = IndGen(12)*28
```

```
Plot, x, dat, xrange=xr, yrange=yr
;
;Position the cursor at the center of the drawing area
;
tvcrs, 150, 0, /data
```

Print, 'Enter 4 coordinates by clicking the left mouse key'

```
xin = FltArr(4) & yin = xin
```

```
for i=0,3 do begin
  cursor, isx, isy, wait=3
  xin(i) = isx
  yin(i) = isy
  print, isx, isy
endfor
end
```

What is wrong ?

Norbert Hahn
