
Subject: Dragging mouse question

Posted by [cabr69](#) on Thu, 13 Apr 1995 07:00:00 GMT

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Hello everyone,

I have written a (very simple) procedure which displays data points on an xy-axis and allows you to manipulate them using the left mouse button (i.e. it just uses `tvrdc,x,y,/down` to get the point-within a specified range-and reads the position of the next click to place it).At the moment all it does is re-plot every time you move a point and although it is satisfactory for my purposes it takes a while to get the plot line looking smooth.Clearly it would be neater if i could drag the points and have the screen continually update the plot so i could see the original line itself moving with the cursor.I expect it to be fairly simple but have looked in the IDL manual/reference guide and at the library routines for clues and have found nothing helpful.Does anyone know what commands i should be using? Any help would be appreciated.

Cheers,

David

Subject: Re: Dragging mouse question

Posted by [pellet](#) on Sun, 16 Apr 1995 07:00:00 GMT

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D.H.Brooks (cabr69@ccsun.strath.ac.uk) wrote:

: Hello everyone,

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: and allows you to manipulate them using the left mouse button (i.e. it just uses
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: commands i should be using? Any help would be
: appreciated.

Well, I'm not sure this is simple enough, but you could draw your graph in a draw widget with the motion and button event set. Your event handler could then refresh your plot as you move the mouse around in the plot window.

Hope this helps.

Jeff
pellet@inrs-ener.quebec.ca

Subject: Re: Dragging mouse question
Posted by [rouse](#) on Sun, 23 Apr 1995 07:00:00 GMT
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In article <3mjaks\$5lk@rockall.cc.strath.ac.uk>, cabr69@ccsun.strath.ac.uk ("D.H.Brooks") writes:

|>Path: lanews.la.asu.edu!news.asu.edu!asuvax!cs.utexas.edu!howland.

reston.ans.net!news.sprintlink.net!EU.net!uknet!str-ccsun!usenet

|>From: cabr69@ccsun.strath.ac.uk ("D.H.Brooks")

|>Newsgroups: comp.lang.idl-pvwave

|>Subject: Dragging mouse question

|>Date: Thu, 13 Apr 95 06:57:48 MST

|>Organization: The University of Strathclyde

|>Lines: 17

|>Message-ID: <3mjaks\$5lk@rockall.cc.strath.ac.uk>

|>Reply-To: cabr69@ccsun.strath.ac.uk

|>NNTP-Posting-Host: nevis.cc.strath.ac.uk

|>

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You could use cursor,x,y,/nowait in a loop. Or you could use a draw widget that returns motion events.

- Roger

```
+-----+
|Roger B. Rouse      + ### .      |
|                   #      . +      |
|Arizona State University  #      ++  #      |
|Dept. Physics & Astronomy      ++  + #      +      |
|Tempe, Az, 85287-1504      +      +  #      |
|                   .      . @ .      |
```

```
|rouse@sevens.la.asu.edu      #  +  +  |
|          +  # +  + +      |
|"The AscII Galaxy found      #  + +  .  |
|in the Local Network."      + .      #  |
|          . # + # .      Rouse|
+-----+

```
