
Subject: Re: vertical line that moves with cursor in draw widget
Posted by [Craig Markwardt](#) on Sat, 07 Jun 2008 07:49:24 GMT
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cgoethel@igpp.ucla.edu writes:

> Hello, I have a draw_widget with motion events set up. I draw a
> vertical line (using plots) which follows the cursor as it moves
> through the draw area. I can get the vertical line to follow the
> cursor easily enough - but I can't seem to figure out how to erase the
> previous lines. All the lines remain drawn. Any suggestions?
> Thanks! Cindy

Hello--

My personal favorite would be to use the DEVICE, SET_GRAPHICS_FUNCTION= function to change to XOR drawing mode. In this mode you should be able to draw the line once to make it appear and then repeat the operation to make it disappear.

Something like,

```
DEVICE, GET_GRAPHICS_FUNCTION=oldg, SET_GRAPHICS_FUNCTION=6
;; Erase previous symbol
if n_elements(old_posx) then plots, old_posx, old_posy
;; Plot new symbol
plots, new_posx, new_posy
DEVICE, SET_GRAPHICS_FUNCTION=oldg

;; Save the new position for the next call
old_posx = new_posx
old_posy = new_posy
```

Good luck!
Craig

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