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Subject: Re: IDL 8 Questions

Posted by [Paul Van Delst\[1\]](#) on Wed, 22 Sep 2010 14:11:40 GMT

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David Fanning wrote:

> David Fanning writes:

>

>> PRO Test\_EV, event

>> Help, event, /Structure

>> END

>>

>> PRO Test

>>

>> tlb = Widget\_Base()

>> draw = Widget\_Window(tlb, XSIZE=400, YSIZE=400, \$

>> BUTTON\_EVENTS=1)

>> Widget\_Control, tlb, /REALIZE

>> Widget\_Control, draw, Get\_Value=window

>> window.select

>> p = plot(findgen(11), color='red', /CURRENT)

>> XManager, 'test', tlb, /No\_Block, Event\_Handler='test\_ev'

>> END

>

> Sorry, I forgot what I was writing about. :-)

>

> So, that program above gives me a window, and I want

> to do something in the window. Maybe draw a rubberband

> box around some data points to do a statistical

> calculation of some kind.

>

> When I click inside the plot, I can move the plot!

> Hooray! But, I don't WANT to move the plot. :-(

Yeah, I actually find that annoying. Why would I want to move the plot within a window?

Anyway, when I've used plot(), if I hold the shift key down, a zoom-rubberband box appears. I think that should be the

default and the plot-move action the one made active using the shift key. I would also like the middle mouse button to

back out the zooming-steps, and the right mouse button return the plot to the original scaling (I know the window button

down the bottom does that but I don't want to have to move my mouse all the way down there everytime I want to rescale

-- my wrist and forearm muscles are getting sore!)

cheers,

paulv

> Moreover, I don't get those events (motion events?)  
> in my event handler. How am I suppose to program with  
> these things? Or, am I?  
>  
> Also, if I click \*outside\* the plot, the window  
> itself draws a rubberband box. How did it know  
> that's what I was thinking about!? VERY cool! :-)  
>  
> Cheers,  
>  
> David  
>  
>

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