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Subject: WIDGET\_DRAW event.press/release values for mouse wheel events..undocumented?

Posted by [Paul Van Delst\[1\]](#) on Thu, 16 Aug 2007 14:02:32 GMT

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Hi All,

IDL> print, !version

```
{ x86 linux unix linux 6.2 Jun 20 2005    32    64}
```

I have the following widget\_draw setup:

```
dw_id = widget_draw( tlb_id, $
                    /button_events, $
                    event_pro = 'wplot_draw_event', $
                    xsize = dw_xsize, $
                    ysize = dw_ysize )
```

When I press/release the left/middle/right button I get the usual:

	press/release value
left	1
middle	2
right	4

Now, I have one of those mice where the middle "button" is also a wheel. Being a fat-fingered type, sometimes when I press the middle button in my apps, I sometimes also move the wheel up or down. For those cases the event.press/release values are:

	press/release value
roll up	8
roll down	16

and the event.type values are still 0 or 1 (for mouse button press and release) even though I'm not depressing the wheel/button (event.clicks always remains 0)

Is this behaviour documented anywhere? The wheel\_events keyword to widget\_draw is not set (and it's ignored for non-windows machines anyway). I googled the clip archives but didn't find anything. The widget\_draw docs didn't

Is this just a poor mans method of emulating wheel events for non-windows systems?

cheers,

paulv

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