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

Posted by [Paul Van Delst\[1\]](#) on Thu, 16 Aug 2007 18:30:18 GMT

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Richard Clark wrote:

- > Yes, I have encountered this too. We use intel linux systems with pc
- > type wheel mice.
- >
- > Neither the bu... I mean feature, nor its fix (in version 6.4) seems
- > to be documented.
- >
- > After checking event.type for UP, DOWN, or MOTION mouse events, check
- > for PRESS or RELEASE values >4.
- >
- > Here is a code snippet from a heavily modified version of Fanning's
- > DRAWBOX\_WIDGET example procedure that I use to get around it.
- > It looks like you've already found the same fix.

Similar. I now use the following:

```
FUNCTION WPLOT_Which_Button, Value
  CASE Value OF
    1: e='LEFT'
    2: e='MIDDLE'
    4: e='RIGHT'
    8: e='UP'
    16: e='DOWN'
    ELSE: e='NONE'
  ENDCASE
  RETURN, e
END
```

and call it thusly:

```
IF ( WPLOT_Which_Button(event.RELEASE) EQ 'LEFT' ) THEN BEGIN
  ....
```

I decided to use the CASE statement since one can't rely on the 8 and 16 values remaining valid (and apparently, in v6.4, they're not)

cheers,

paulv

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