Subject: Problems with dual draw widgets

Posted by 8015 on Mon, 06 Dec 1993 23:50:46 GMT

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System: Sun Sparc 10 OS: SunOS 4.1.3

IDL: 3.5 (same prob under 3.1)

Window: Same prob under both OLIT and IDL Motif on OLIT

I'm having a problem with two widget\_draw ports on a single screen. I have an application which is being used to select points between two different images (one in each draw widget). The widget names are draw\_top and draw\_bot, and I have the two portions of code that are called whenever the mouse is clicked in their respective drawing areas.

```
pro drawprob
  ; create the drawing areas
  draw top = widget draw(wcol, xsize=drawx, ysize=drawy, $
    /button events, uvalue='draw top', $
    scroll=10, x_scroll_size=drawx, y_scroll_size=drawy)
  draw bot = widget draw(wcol, xsize=drawx, ysize=drawy, $
    /button_events, uvalue='draw_bot', $
    scroll=10, x_scroll_size=drawx, y_scroll_size=drawy)
end
pro drawprob_event
 ; handle mouse clicks in the drawing areas
     'draw top': begin
       widget_control, draw_top, get_value=index_top
       wset, index top
       cursor, x_top, y_top, /down, /device
       xyouts, x_top, y_top, '+', alignment=0.5, /device
       print, x_top, y_top, index_top
       end
     'draw bot': begin
       widget_control, draw_bot, get_value=index_bot
       wset, index bot
       cursor, x_bot, y_bot, /down, /device
       xyouts, x_bot, y_bot, 'x', alignment=0.5, /device
       print, x bot, y bot, index bot
       end
end
```

When I click in the first window (either one) everything is fine. When I click in the other window, the application seems to get lost and can't figure out what window I clicked in. There is some kind of pattern that I haven't quite figured out. The clicking seems to get

behind by a window each time I change windows (something like that). If something is obvious please clue me in. If you think you can help by looking at the full code for this part, I'll be glad to email it (500+ lines).

Thanks,

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