Subject: Re: explicit redraw does nothing until expose(?) event - IDLitComponent propertysheets

Posted by sdettrick on Fri, 23 Apr 2004 01:55:30 GMT

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- > How are you sending the event to your button handler? Are you simply calling
- > the method directly? Or are you trying to use widget control with
- > send_event? Using send_event would be a bad idea.

I don't even know what send event is. Instead I am sending the button event using the EVENT PRO keyword to specify a proxy event handler called handle all events:

```
button = WIDGET_BUTTON( wpopup, $
              value='Re-draw window', $
              event_pro='handle_all_events', $
              UVALUE = {object:self, $
                   method:'ReDraw'} $
             )
```

The handle all events routine inspects the UVALUE of the widget causing the event, and uses CALL METHOD to call my ReDraw method on the object (David Fanning credits Stein Vidar for this idea)

```
PRO Handle_All_Events, event
Widget Control, event.id, Get UValue=info
Call_Method, info.method, info.object, event
END
```

I can't see why that should change anything. But could CALL_METHOD somehow slow things down?

> Why not simply add a win->draw at the end of your property sheet event

> handler? You know that if a property changes, you want to redraw.

>

Well I tried that too. It doesn't change the behaviour. I think that for some reason the events are just not making it to the event handler until I interact with the draw window. Could they be trying to go somewhere else, e.g. into a non-existent iTool?

To answer David's question:

- > What happens if you remove the FLOATING keyword from
- > the pop-up? Sounds like a semi-modal widget problem to
- > me. I wonder if the FLOATING keyword has something to
- > do with that?

Good question. I pull out the FLOATING keyword and the behaviour doesn't change, only the popup appears on a different part of the screen. My REDRAW button event doesn't get processed any sooner.

It's a little frustrating but I haven't a clue on how to resolve it. Any other ideas?

BTW I tried it on both Linux and Windows, and it shows the same behaviour.

Thanks, Sean