
Subject: Re: Trouble with CW_BGROUP events

Posted by [A. D. & J.C. Cool](#) on Mon, 12 Jun 2006 10:53:24 GMT

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Phillip Bitzer wrote:

```
> Hello all
> New to IDL, kind of learning as I go. I am having trouble with a widget
> interface, in which I want a set of radio buttons (created by
> cw_bgrou) to control (among other things) the sensitivity of some
> sliders. The buttons and sliders are located on a tab interface, but
> are on the same tab. Whenever I trigger a event with the
> "satview_GUI_changeAngle" code, it runs through fine once, but then
> tries again to go through the code, (seemingly) without a second event.
> I tried to /no_release keyword, but to no avail. Any ideas?
>
> Thanks in advance for any help.
>
>
> WIDGET CREATION CODE:.....
> ...
> tabAngID = WIDGET_BASE(tabID, Event_Pro='satview_GUI_changeAngle')
> ;create the sliders for the angles of the CCD's
>   angle3ID=CW_FSlider(tabAngID,uvalue='angle3',uname='angle3')
>   angle4ID=CW_FSlider(tabAngID,uvalue='angle4',uname='angle4')
> ;create the radio buttons for the number of CCD's
>   numCCDID = CW_BGROUP(tabAngID,['1','2
> (Default)'],button_uValue=[1,2],/exclusive,set_value=1,uvalue='numofCCDs',/no_release)
>
> EVENT HANDLER CODE:.....
> pro satview_GUI_changeAngle,event
>
>   widget_control,event.id, get_value=buttonvalue,get_uvalue=userValue
>   CASE userValue OF
>   ...
>   'numofCCDs' : BEGIN
>     angle3ID = widget_info(Event.top, find_by_uname='angle3')
>     angle4ID = widget_info(Event.top, find_by_uname='angle4')
>     CASE buttonvalue OF
>     '1' : widget_Control,angle3ID,SENSITIVE=0 &
> widget_Control,angle4ID,SENSITIVE=0
>     END
>     '2' :widget_Control,angle3ID,SENSITIVE=1 &
> widget_Control,angle4ID,SENSITIVE=1
>     END
>     ELSE:RETURN
>     ENDCASE
>     RETURN
>   END
```

```
> ELSE : RETURN;do nothing
> ENDCASE
>
> end
```

Phillip,

I've rearranged your code a little, and it works OK for me under IDL 6.3.

Andrew

```
pro satview_GUI_changeAngle_event,event

    widget_control,event.id,
    get_value=buttonvalue,get_uvalue=userValue

    print,'uservalue = ',uservalue
    print,'buttonvalue = ',buttonvalue

    CASE userValue OF

        'numofCCDs' : $
            BEGIN
                angle3ID = widget_info(Event.top,
find_by_undefname='angle3')
                angle4ID = widget_info(Event.top,
find_by_undefname='angle4')

                CASE buttonvalue OF
                    '0' : $
                        Begin
                            widget_Control,angle3ID,SENSITIVE=0
                            widget_Control,angle4ID,SENSITIVE=0
                        END

                    '1' : $
                        Begin
                            widget_Control,angle3ID,SENSITIVE=1
                            widget_Control,angle4ID,SENSITIVE=1
                        END
                    ELSE:RETURN
                ENDCASE

            RETURN
        END ; of numofCCDs

    ELSE :
```

ENDCASE

end

pro satview_GUI_changeAngle

tabAngID = WIDGET_BASE(/Col, Event_Pro='satview_GUI_changeAngle')
;create the sliders for the angles of the CCD's

angle3ID=CW_FSlider(tabAngID,uvalue='angle3',uname='angle3')

angle4ID=CW_FSlider(tabAngID,uvalue='angle4',uname='angle4')
;create the radio buttons for the number of CCD's
numCCDID = CW_BGROUP(tabAngID,['1','2(Default)'],\$

button_uValue=[1,2],/exclusive,set_value=1,\$

uvalue='numofCCDs',/no_release,/frame)

widget_control,tabAngid,/real

xmanager, 'satview_GUI_changeAngle',tabAngID

end
