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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\_bgroup) 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,uvalu e='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_uname='angle3')
            angle4ID = widget_info(Event.top,
find_by_uname='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
```

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