
Subject: Re: CW_BGROUP and NONEXCLUSIVE
Posted by [R.Bauer](#) on Mon, 26 Nov 2001 12:12:39 GMT
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Ralf Schaa wrote:

>
> Cheers!
> I have this little problem with CW_BGROUP and the parameter /NONEXCLUSIVE:
> as far as i know the buttons can have two values (on=1, and off=0) , so how
> can i tell my program, that if when the status of the button is 'on' that he
> does something (for testing: print, 'on' and otherwise print, 'off') ..see
> the source below how i tried to solve it..seems logical to me, but it
> doesn't work....
>
> thanx for any help!
> ralf

Dear Ralf,

I have written a compound widget for Buttons,
cw_buttons

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/cw_buttons.tar.gz

e.g.

```
value={value:['Switch1','Switch2'],set:[0,1]}
```

```
b=cw_buttons(a,value=value,uvalue='EF',col=2,/nonexclusive,f  
rame=2,xoffset=20,yoffset=0,button_frame=1)
```

regards
Reimar

PRO test_event,ev

```
WIDGET_CONTROL,ev.id,get_uval=cmd  
WIDGET_CONTROL,ev.top,get_uvalue=b  
CASE cmd OF  
  'done':WIDGET_CONTROL,ev.top,/dest  
  'FF': BEGIN  
    WIDGET_CONTROL,ev.id,get_value=v  
    print,v.set  
    idx=(WHERE(v.set EQ 1,count))[0]  
    IF count GT 0 THEN BEGIN
```

```
value={value:[strtrim(SINDGEN(idx+1),2)],set:MAKE_ARRAY(idx+ 1,/LONG,value=1)}
```

```

        WIDGET_CONTROL,b,set_value=value
    ENDIF
END

ELSE:
ENDCASE
END
PRO test

a=WIDGET_BASE(row=2)
value={value:['MIN','SPEC','DEFAULT','MAX'],set:[1,0,0,0]}

b=cw_buttons(a,value=value,uvalue='FF',row=1,button_xsize=60
,frame=2,xoffset=0,yoffset=0,button_frame=1)
value={value:['0'],set:[1]}

b=cw_buttons(a,value=value,uvalue='EF',col=2,/nonexclusive,f
rame=2,xoffset=20,yoffset=0,button_frame=1)

d=WIDGET_BUTTON(a,val='done',uval='done')
WIDGET_CONTROL,/realize,a,set_uvalue=b
XMANAGER,'test',a
END

>
> ;=====
> COMMON drawbutton, draw
>   draw = {onoffpanel: fltarr(4) }
>   draw.onoffpanel = [0,0,0,0]      <---my predefined values
>
> ;=====
> ; defined in the main-programm
> ;=====
> onoffpanel=CW_BGROUPE(container1,['sat1','sat2','sat3','sat4' ],$
> /NONEXCLUSIVE, $
>         FONT=font,/RETURN_INDEX,$
>         UVALUE='onoff',SET_VALUE=draw.onoffpanel, $
> COLUMN=4,LABEL_TOP='sat-plot: ',/FRAME)
>
> ;=====
> ; defined in the event_programm
> ;=====
>
> WIDGET_CONTROL,Event.Id,GET_UVALUE=Ev
>
> CASE Ev OF
>   'onoff': BEGIN
>     draw.onoffpanel= event.value

```

```

> CASE draw.onoffpanel(0) OF
> 0: PRINT, 'sat1:off'
> 1: PRINT, 'sat1:on'
> ENDCASE
> CASE draw.onoffpanel(1) OF
> 0: PRINT, 'sat2:off'
> 1: PRINT, 'sat2:on'
> ENDCASE
> CASE draw.onoffpanel(2) OF
> 0: PRINT, 'sat3:off'
> 1: PRINT, 'sat3:on'
> ENDCASE
> CASE draw.onoffpanel(3) OF
> 0: PRINT, 'sat4:off'
> 1: PRINT, 'sat4:on'
> ENDCASE
> ENDCASE
> ENDCASE

```

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<http://www.fz-juelich.de/icg/icg1/>

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a IDL library at Forschungszentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

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read something about linux / windows

<http://www.suse.de/de/news/hotnews/MS.html>
