

---

Subject: Re: CW\_BGROUP and NONEXCLUSIVE  
Posted by [R.Bauer](#) on Mon, 26 Nov 2001 12:12:39 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

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](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_BGROUP(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'
> ENDIF
> CASE draw.onoffpanel(1) OF
>   0: PRINT, 'sat2:off'
>   1: PRINT, 'sat2:on'
> ENDIF
> CASE draw.onoffpanel(2) OF
>   0: PRINT, 'sat3:off'
>   1: PRINT, 'sat3:on'
> ENDIF
> CASE draw.onoffpanel(3) OF
>   0: PRINT, 'sat4:off'
>   1: PRINT, 'sat4:on'
> ENDIF
> ENDIF
> ENDIF
```

--  
Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-1)  
Forschungszentrum Juelich  
email: R.Bauer@fz-juelich.de  
<http://www.fz-juelich.de/icg/icg1/>

=====  
a IDL library at ForschungsZentrum Juelich  
[http://www.fz-juelich.de/icg/icg1/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html)

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

=====  
read something about linux / windows  
<http://www.suse.de/de/news/hotnews/MS.html>

---