Subject: Re: CW_BGROUP and NONEXCLUSIVE Posted by David Fanning on Sat, 24 Nov 2001 14:55:26 GMT

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Ralf Schaa (schaa@geo.uni-koeln.de) writes:

- > 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....

I don't use CW_BGROUP, so I can't really help you with how that works, but I think most of your problem lies in this part of your code:

- > CASE Ev OF
- > 'onoff': BEGIN
- > draw.onoffpanel= event.value

That last statement is effectively turning all of your buttons ON or all of your buttons OFF, based on the value from a single button. The problem you have is that you don't know which button that was.

```
IDL> draw = {onoffpanel: fltarr(4) }
IDL> print, draw.onoffpanel
0.000000 0.000000 0.000000 0.000000
IDL> draw.onoffpanel = 1
IDL> print, draw.onoffpanel
1.00000 1.00000 1.00000 1.00000
```

You probably want to know which button was selected, so you can change the proper value in your onoffpanel field. Maybe something like this:

```
Widget_Control, event.id, Get_Value=buttonValue CASE buttonValue OF
'Sat1': draw.onoffpanel[0] = event.value
'Sat2': draw.onoffpanel[1] = event.value
'Sat3': draw.onoffpanel[2] = event.value
'Sat4': draw.onoffpanel[3] = event.value
ENDCASE
```

Cheers,

David

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