
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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