
Subject: Re: desensitizing selected elements of CW_BGROUP

Posted by [mgs](#) on Wed, 19 Aug 1998 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

In article <35DACF94.91798260@wellesley.edu>, rfrench@mediaone.net wrote:

> I would like to display a set of non-exclusive buttons in a group,
> but to be able to apply a 'sensitivity mask' to the group which
> would sensitize only those buttons that have a 1 in the mask,
> desensitizing the ones with a 0. WIDGET_CONTROL lets you
> desensitize and ENTIRE compound widget - what I want to do is
> to desensitize only selected buttons in the button group. I've
> looked at the CW_BGROUP and WIDGET_CONTROL documentation and
> don't see a way to do this. Presumably, one could monkey with
> the CW_BGROUP code and implement a SENSITIVE=[0,1,0,1,1] kind
> of keyword, but I am not eager to do that. Suggestions welcome!
> The workaround I have so far is to apply this mask in
> my event handler and simply ignore events that are insensitive.
> The down side of this is that the labels for those buttons are
> not dimmed, so the user does not have a visual indication that
> those buttons are inactive.

Use the "IDS" keyword to CW_BGGroup to return the widget IDs of the individual buttons in your group.

Here's a small chunk of code from the widget definition module of a recent application:

```
asLabel = ['Display Current', 'Output Display', 'Display Mosaic', $
  'Output All', 'Color ...', 'Output ...']

; button group for Display and Color selection
wBGCommand = CW_BGGroup(wBaseL, asLabel, Row=3, /Frame, $
  UValue=asLabel, IDS=awBGCommand)

; desensitize all but the Color and Output buttons.
FOR i = 0, 3 DO $
  Widget_Control, awBGCommand(i), Sensitive=0
```

And here's the corresponding portion in the event handler:

```
; sensitize the appropriate command buttons
aPos = [0, 2, 3]
FOR i = 0, (N_Elements(aPos) - 1) DO $
  Widget_Control, mInfo.awBGCommand(aPos(i)), Sensitive=1
```

--

Mike Schienle
mgs@la.znet.com

Interactive Visuals
<http://la.znet.com/~mgs/>

Subject: Re: desensitizing selected elements of CW_BGROU
Posted by [David L. Windt](#) on Wed, 19 Aug 1998 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Here's one way:

```
base=widget_base()  
  bgroup=cw_bgroup(base,['Sensitive','Insensitive'],ids=ids,/row)  
widget_control,base,/realize  
widget_control,ids(1),sensitive=0
```

-David Windt
windt@bell-labs.com
www.bell-labs.com/user/windt/idl
