
Subject: Re: buttons on exclusive base

Posted by [davidf](#) on Wed, 10 Jun 1998 07:00:00 GMT

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Cathy (csaute3@alumni.umbc.edu) writes:

- > I have an exclusive base created by WIDGET_BASE(/EXCLUSIVE).
- > (It can only have button children and only one button can be
- > set at a time.) I use
- >
- > WIDGET_CONTROL, button, SET_BUTTON=1
- >
- > to select one button on in my main routine for my default and
- > the rest of the buttons are off.
- >
- > Question: In my event loop, how do determine which button is
- > on? Is there a keyword to WIDGET_INFO?

The selected button is identified by the ID field of the event structure in your event handler. All the other buttons will be de-selected automatically. If you want other parts of the program to know the currently selected button, you normally put a "currentButton" field in your info structure.

Your button event handler code might look something like this:

```
PRO Button_Events, event
Widget_Control, event.top, Get_UValue=infoPtr
(*infoPtr).currentButton = event.ID
END
```

Cheers,

David

David Fanning, Ph.D.
Fanning Software Consulting
E-Mail: davidf@dfanning.com
Phone: 970-221-0438
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: buttons on exclusive base

Posted by [David Foster](#) on Fri, 12 Jun 1998 07:00:00 GMT

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csaute3@alumni.umbc.edu wrote:

>
> I have an exclusive base created by WIDGET_BASE(/EXCLUSIVE).
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> set at a time.) I use
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> WIDGET_CONTROL, button, SET_BUTTON=1
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> to select one button on in my main routine for my default and
> the rest of the buttons are off.
>
> Question: In my event loop, how do determine which button is
> on? Is there a keyword to WIDGET_INFO?
>
> Or should I create an array with the number of elements equal
> to the number of buttons and the values equal to 1/0 if a
> button is on/off? I don't want to maintain this array every
> time a toggle button is pushed, but if it's the only way ...
>
> Cathy

I believe that if you use CW_BGROUP() to create your exclusive
button group, you can use WIDGET_CONTROL, group_base, get_value=
to get the index of the currently selected button.

Dave

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David S. Foster      Univ. of California, San Diego  
Programmer/Analyst   Brain Image Analysis Laboratory  
foster@bials1.ucsd.edu   Department of Psychiatry  
(619) 622-5892      8950 Via La Jolla Drive, Suite 2240  
                    La Jolla, CA 92037  
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