
Subject: Widget Button question

Posted by [troydporter13](#) on Thu, 09 Jan 2014 00:28:44 GMT

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Hi,

I have a widget that has a set of non exclusive buttons;

```
options=['A', 'B', 'C', 'Select All']  
bgroup=cw_bgroup( base, options, row=1, /nonexclusive, xoff=20, yoff= 75,  
uvalue='station_name' , SET_VALUE=[0,0,0,1], LABEL_Left='Select Option: ')
```

Is it possible to make it so that if the user clicks the 'Select All' button, the other buttons (A, B and C) cannot also be selected?

ATM you can click 'Select All' and also A, B or C which I would like to avoid.

Regards,
Troy

Subject: Re: Widget Button question

Posted by [Matthew Argall](#) on Thu, 09 Jan 2014 01:59:08 GMT

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When the "Select All" button is selected, use the event handler to make the other buttons insensitive by using the SENSITIVE keyword in Widget_Control.

http://www.exelisvis.com/docs/WIDGET_CONTROL.html

Subject: Re: Widget Button question

Posted by [troydporter13](#) on Thu, 09 Jan 2014 05:48:15 GMT

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On Thursday, January 9, 2014 12:59:08 PM UTC+11, Matthew Argall wrote:

> When the "Select All" button is selected, use the event handler to make the other buttons insensitive by using the SENSITIVE keyword in Widget_Control.

>

>

>

> http://www.exelisvis.com/docs/WIDGET_CONTROL.html

How do I pick the 3 buttons I want though? I can't use bgroupas I get a message that the variable is undefined.

if all eq 1 then begin

```
WIDGET_CONTROL, bgroup, sensitive=0  
endif
```

Subject: Re: Widget Button question

Posted by [Matthew Argall](#) on Thu, 09 Jan 2014 14:19:21 GMT

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> How do I pick the 3 buttons I want though? I can't use bgroupas I get a message that the variable is undefined.

There are several ways of doing this. Here is one...

Use the RETURN_NAME and IDS keywords in CW_BGroup.

Store the widget IDs in the state variable of the widget.

Within the event handler, check to see if Event.Value is "Select All" (or whatever you named the select all button). If it is, cycle through the IDs in the state variable, making them insensitive (be sure to skip over the "Select All" button). Use the Get_Value keyword to Widget_Control to retrieve the names of the buttons, if need be.
