
Subject: Re: problem getting values from cw_bgroup normal base

Posted by [david\[2\]](#) on Thu, 09 Aug 2001 17:19:44 GMT

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

Lisa Gandy writes:

```
> I have set up a cw_bgroup in a normal base and am trying to get the
> individual values for each button. This is the code that
> I am using to set up the compound widget
>
> main_bgroup_arr = ['one','two','three']
> main_bgroup = cw_bgroup(base,main_bgroup_arr,/return_index,/column,$
>     label_top='Main Menu',/frame,uvalue = 1)
>
>
> and this is the code that I am using to try to access the individual
> values for the buttons...
>
> widget_control,main_bgroup,get_value=val.
>
> The xmanager catches the error and says
> "unable to get plain button group value".
>
> How do I get the individual values for each button? Can I not
> use the widget_control, get_value property??
```

No, you can't use the GET_VALUE keyword to get the button IDs. You can get the button IDs when you create the button group by using the IDS output keyword. Then, if you want to use the button IDs later, you will have to store the values in the info structure along with everything else you need to run the program.

```
main_bgroup_arr = ['one','two','three']
main_bgroup = cw_bgroup(base,main_bgroup_arr,/return_index,/column,$
    IDS=buttonIDs, label_top='Main Menu',/frame,uvalue = 1)
...
info = { buttonIDs:buttonIDs, ... }
Widget_Control, tlb, Set_UValue=info, /No_Copy
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

Subject: Re: problem getting values from cw_bgroup normal base
Posted by [btt](#) on Thu, 09 Aug 2001 18:21:26 GMT
[View Forum Message](#) <> [Reply to Message](#)

Lisa Gandy wrote:

```
>
> I have set up a cw_bgroup in a normal base and am trying to get the
> individual values for each button. This is the code that
> I am using to set up the compound widget
>
> main_bgroup_arr = ['one','two','three']
> main_bgroup = cw_bgroup(base,main_bgroup_arr,/return_index,/column,$
>      label_top='Main Menu',/frame,uvalue = 1)
>
> and this is the code that I am using to try to access the individual
> values for the buttons...
>
> widget_control,main_bgroup,get_value=val.
>
> The xmanager catches the error and says
> "unable to get plain button group value".
>
> How do I get the individual values for each button? Can I not
> use the widget_control, get_value property??
```

Right, you can not use get_value for normal buttons in CW_BGroup.

If you want to know which button was pushed, you could use the VALUE field in the event structure. You specified that it should be returned as the button's INDEX value when you set RETURN_INDEX = 1.

from the online help...

```
> Button Group widgets generates event structures with the following definition:
> event = {ID:0L, TOP:0L, HANDLER:0L, SELECT:0, VALUE:0 }
> The SELECT field is passed through from the button event. VALUE is either the INDEX, ID,
> NAME, or BUTTON_UVALUE of the button, depending on how the widget was created.
```

Ben

--

Ben Tupper

Bigelow Laboratory for Ocean Sciences
180 McKown Point Rd.
W. Boothbay Harbor, ME 04575
btupper@bigelow.org
