Subject: Re: problem getting values from cw_bgroup normal base Posted by david[2] on Thu, 09 Aug 2001 17:19:44 GMT

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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
```

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Coyote's Guide to IDL Programming: http://www.dfanning.com/

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Subject: Re: problem getting values from cw_bgroup normal base Posted by btt on Thu, 09 Aug 2001 18:21:26 GMT

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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
```

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

> use the widget_control, get_value property??

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

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