
Subject: Re: Widget Buttons - Radio and Checkbox control

Posted by [davidf](#) on Wed, 08 Mar 2000 08:00:00 GMT

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Robert S. Mallozzi (robert.mallozzi@msfc.nasa.gov) writes:

> Unfortunately I don't think there is any way to query
> the state of exclusive or non-exclusive buttons:
>
> WIDGET_CONTROL, buttonID, GET_BUTTON = state
> % Keyword GET_BUTTON not allowed in call to: WIDGET_CONTROL
> % Execution halted at: \$MAIN\$
>
> You will have to store the current state and drag it
> around in your program :-(

Ah, another perfect opportunity to write an object compound widget. This is *exactly* why I wrote FSC_DROPLIST. I was tired of not being able to get the "value" of the droplist directly from the droplist itself. Plus, I wanted to be able to set the "selection" by the name or value of the selection, rather than always having to translate things through the "index" of the darn thing.

I think of object compound widgets as widgets the way they *should* have been written. :-)

You can find FSC_DROPLIST here, if you want a model:

http://www.dfanning.com/programs/fsc_droplist.pro

Cheers,

David

--

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

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Posted by [robert.mallozzi](#) on Wed, 08 Mar 2000 08:00:00 GMT

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```
> Widget Control, buttonID, Set Button=1
```

```
% Execution halted at: $MAIN$
```

Huntsville, AL 35812

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>

Hello,

Assuming that you are using CW_BGroup ... and that things haven't changed much since version 5.2 ...

To control the radio buttons (exclusive) set the Set_Value keyword to Widget_Control to the button index (starting from zero). As an example, to have the second button of 4 buttons set on use Set_Value = 1

To control the check boxes (non-exclusive) set the Set_Value keyword to Widget_Control to an array of on/off flags. As an example, to turn on the second of the 2 button group but leave the first one off use Set_Value = [0,1]

You can also set the values when you first define the button groups with the same keyword in CW_Group.

Hope this helps.

Ben

--

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Subject: Re: Widget Buttons - Radio and Checkbox control

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Oliver Smith (osmith@dera.gov.uk) writes:

> I'm currently writing some code in IDL 5.3 that utilises two groups of
> widget buttons, 2 Check boxes and 4 Radio Buttons. I would like to be able
> to set both check boxes and one of the radio buttons to be 'on' when the
> program starts, and possibly to reset them at a later stage of program
> execution after user intervention.
>
> Can anybody help me with this? I can't find any relevant information in the
> IDL help.

Widget_Control, buttonID, Set_Button=1

Cheers,

David

--

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