Subject: Re: Widget Buttons - Radio and Checkbox control Posted by davidf on Wed, 08 Mar 2000 08:00:00 GMT

View Forum Message <> Reply to Message

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

--

David Fanning, Ph.D.

Fanning Software Consulting

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

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

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Widget Buttons - Radio and Checkbox control Posted by robert.mallozzi on Wed, 08 Mar 2000 08:00:00 GMT

View Forum Message <> Reply to Message

In article <MPG.13301560857f17af989a7f@news.frii.com>, davidf@dfanning.com (David Fanning) writes:

> 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

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 :-(

Robert S. Mallozzi

256-544-0887

Mail Code SD 50

http://gammaray.msfc.nasa.gov/ Marshall Space Flight Center http://cspar.uah.edu/~mallozzir/

Huntsville, AL 35812

Subject: Re: Widget Buttons - Radio and Checkbox control Posted by Ben Tupper on Wed, 08 Mar 2000 08:00:00 GMT View Forum Message <> Reply to Message

Oliver Smith wrote:

- > 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.

>

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

--

Ben Tupper

Bigelow Laboratory for Ocean Science tupper@seadas.bigelow.org

pemaguidriver@tidewater.net

Subject: Re: Widget Buttons - Radio and Checkbox control Posted by davidf on Wed, 08 Mar 2000 08:00:00 GMT View Forum Message <> Reply to Message

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

--

David Fanning, Ph.D.

Fanning Software Consulting

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

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

Toll-Free IDL Book Orders: 1-888-461-0155