
Subject: Re: WIDGET_COMBOBOX

Posted by [David Fanning](#) on Fri, 07 May 2004 02:23:30 GMT

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PJL writes:

- > Does anyone know a way that the text portion of the WIDGET_COMBOBOX
- > can be manually updated? The IDL help does not document as such, all
- > there seems to be is COMBOX_ADDITEM which adds the item to the list.
- > But surely there must be some way to edit just the text box from
- > within the program since the user can manually type something in if
- > the EDITABLE keyword is set.

I'm not sure it is always straightforward to know what to do with the value of the combobox. If you are trying to set the value to a value in the list, it is easy. But if you are trying to set the value to something *not* on the list, what do you do?

Here is one way to solve the problem:

```
*****
;
PRO test_event, event

box = Widget_Info(event.top, /Child)
Widget_Control, box, get_value=values

name = Tag_Names(event, /Structure_Name)
IF name NE 'WIDGET_BUTTON' THEN RETURN

Widget_Control, event.id, Get_Value=buttonValue
CASE buttonValue OF

  'Set It to Moe': BEGIN
    index = Where(values EQ 'Moe')
    IF index GT 0 THEN Widget_Control, box, Set_ComboBox_Select=index
    END

  'Set It to Fred': BEGIN
    ; Is the current value Fred?
    name = Widget_Info(box, ComboBox_GetText=1)
    index = Where(StrUpCase(values) EQ StrUpCase(name), count)
    IF count GT 0 THEN BEGIN
      I = Where(StrUpCase(values) EQ 'FRED', count)
      IF count GT 0 THEN BEGIN
        Widget_Control, box, Set_ComboBox_Select=I
      ENDIF ELSE BEGIN
```

```

values[index] = 'Fred'
Widget_Control, box, Set_Value=values
Widget_Control, box, Set_ComboBox_Select=index
ENDELSE
ENDIF ELSE BEGIN
  values = [values, 'Fred']
  Widget_Control, box, Set_Value=values
  Widget_Control, box, Set_ComboBox_Select=N_Elements(values)-1
ENDELSE

END

ENDCASE

END

```

PRO Test

```

tlb = Widget_Base(Column=1)
box_values = ['Larry', 'Moe', 'Curley']
box = Widget_Combobox(tlb, value=box_values, /Editable)
button = Widget_Button(tlb, Value='Set It to Moe')
button = Widget_Button(tlb, Value='Set It to Fred')
Widget_Control, tlb, /Realize, Set_UValue=box_values
XManager, 'test', tlb, /No_Block

```

END

Cheers,

David

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