Subject: combobox widget text
Posted by greg.addr on Fri, 14 Nov 2008 22:17:06 GMT
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Does anyone know how to set the value of an editable combobox such
that it's *not* one of the current list items? I have the drop-down
filled with standard values, but want to be able to save and recover a
user entered value


cheers,
Greg
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Subject: Re: combobox widget text
Posted by David Fanning on Sat, 15 Nov 2008 16:30:08 GMT
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greg michael writes:

> Thanks, David, for that very nice example. Maybe it's a strange thing
> to wish for, but I was hoping to put a value into the edit box without
> changing the drop-down list. My application is this: I want to display
> an image at a selected resolution - normally a multiple of the true
> resolution (12.5 m/pix, 25, 50, 100...) - but to allow the possibility
> to enter any value in between. Hence the combobox. I also want to be
> able to save and recover the view, so I need to put a value back into
> wherever ev.str comes from. I'd expect to find it as a
> widget_control,set_something= but I don't see it. Any ideas?

Oh, alright. How about this:

```
PRO ComboWidgetTest_Event, event
  Widget_Control, event.id, GET_UVALUE=defaultList
  IF event.index EQ -1 THEN BEGIN
    I = Where(StrUpCase(defaultList) EQ StrUpCase(event.str), count)
    IF count EQ 0 THEN BEGIN
      newList = [defaultList, event.str]
      Widget_Control, event.id, SET_VALUE=newList
      Widget_Control, event.id, 4
        SET_COMBOBOX_SELECT=N_Elements(newList)-1
    ENDIF
  ENDIF ELSE BEGIN
    IF event.index EQ N_Elements(defaultList) THEN RETURN
    Widget_Control, event.id, SET_VALUE=defaultList
    Widget_Control, event.id, SET_COMBOBOX_SELECT=event.index
  ENDELSE
END
```

```
;-------------------------------------------------- -----------

PRO ComboWidgetTest, newValue
  IF N_Elements(newValue) EQ 0 THEN newValue = 'pig'
  tlb = Widget_Base(/COLUMN, XOFFSET=150, YOFFSET=150)
  defaultValues = ['dog', 'cow', 'coyote']
  combo = Widget_Combobox(tlb, VALUE=[defaultValues, newValue], $
     /EDIT, SCR_XSIZE=100, UVALUE=defaultValues)
  Widget_Control, tlb, /REALIZE
  Widget_Control, combo, Set_Combobox_Select = 3
  XManager, 'combowidgettest', tlb, /NO_BLOCK
END
;-------------------------------------------------- -----------
```

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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Subject: Re: combobox widget text
Posted by David Fanning on Sat, 15 Nov 2008 16:31:18 GMT
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David Fanning writes:

>       Widget_Control, event.id, 4
>          SET_COMBOBOX_SELECT=N_Elements(newList)-1

Whoops! That "4" should be a dollar sign ($).

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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Subject: Re: combobox widget text
Posted by greg michael on Sun, 16 Nov 2008 22:38:29 GMT

That's a smart solution - thanks very much, David! A keyword would
have been nice, but this must be the IDL way...

cheers,
Greg