
Subject: Re: Text Widget Confession

Posted by [David Fanning](#) on Mon, 24 Sep 2001 16:46:05 GMT

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Pavel A. Romashkin (pavel.romashkin@noaa.gov) writes:

> David Fanning wrote:

>>

>> It turns out a list widget, although simplifying my

>> life, made other things more complicated.

>

> You could use widget_text, then, by modifying the code above to include

> the following (sorry for not providing this to start with :-):

>

> junk = where(strsplit(rs, string(1b), /extract) \$

> ne theText, comp=good_rows, ncomp=count)

> if count ne 0 then theText = theText[good_rows]

> Widget_Control, textID, Set_Value=theText

>

> Its not copyrighted, you know :-)

No, I realize it's not copyrighted. But I feel
obligated to send you a check for \$100 anyway
to compensate you for your time and effort. :-)

Cheers,

David

P.S. In case you are interested, here is the final
code responding to the Delete button:

PRO Recorder::DeleteIt, event

; The method event handler deletes text lines in the current selection.

; Get the current text selection.

Widget_Control, self.textID, Get_Value=selectText, /Use_Text_Select

; Get the text itself.

theText = *self.text

; Hocus-pocus provided by Pavel Romashkin to circumvent

; RSI-supplied nonsense. V-E_R-Y clever! :-)

```

jt = StrJoin(theText, String(1b))
js = StrJoin(selectText, String(1b))
rs = jt
StrPut, rs, String( Byte(js) < 2b), StrPos(jt, js)
selection = Where(StrSplit(rs, String(1b), /Extract) NE thetext)

; Error checking. Look for no selection values.

IF N_Elements(selection) EQ 1 THEN BEGIN
  IF selection[0] EQ -1 THEN RETURN
ENDIF

; Error checking. Look for no overlap between the two vectors.

overlap = self->SetDifference(Indgen(N_Elements(*self.text)), selection)
IF N_Elements(overlap) EQ 1 THEN BEGIN
  IF overlap[0] EQ -1 THEN BEGIN
    *self.text = ""
  ENDIF ELSE BEGIN
    *self.text = (*self.text)[overlap]
  ENDELSE
ENDIF ELSE *self.text = (*self.text)[overlap]

Widget_Control, self.textID, Set_Value=*self.text

```

END

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