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Subject: Re: Text Widget Confession

Posted by [Don J Lindler](#) on Mon, 24 Sep 2001 18:41:11 GMT

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I have not run the code, but it looks to me that if your text widget had something like:

```
hog
dog
dig
```

and you selected the og from dog and the d from dig. The code would select the og from hog and the d from dog. The strpos would find the first occurrence of the string.

Don

[lindler@rockit.gsfc.nasa.gov](mailto:lindler@rockit.gsfc.nasa.gov)

"David Fanning" <[david@dfanning.com](mailto:david@dfanning.com)> wrote in message  
news:MPG.1619113bba36aa89896c2@news.frii.com...

> Pavel A. Romashkin ([pavel.romashkin@noaa.gov](mailto: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
> *****
>
> --
> David W. Fanning, Ph.D.

```

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