
Subject: Re: WWTEXT scroll position.

Posted by [Mark D. Williams](#) on Wed, 01 Dec 1999 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

nittler@lepvax.gsfc.nasa.gov wrote:

> For one WAVE application, I want to use a widget text
> (WWTEXT) window to output information messages as the program runs,
> basically a console window. I have run into two problems. First there
> doesn't seem to be a way to directly append text to a WWTEXT widget.
> Well I fixed this by writing a routine to read the current contents of
> the widget, tack on the new contents and put the whole thing back in the
> widget. This is fine, but it leads to the second problem, namely that I
> can't figure out how to set the scroll position of the window. So, once
> I rewrite the text to the widget the scroll is always set to the first
> line, whereas I want it to be set to the most recently written (last)
> line. Can anybody help?
>

Try the following. It's a handy tip (that I have used before)
from VNI's on-line tips database:

The example code shows how to calculate the character offset
corresponding to
the desired row of the text and then set the appropriate resource for
the widget.

EXAMPLE CODE/FILES

```
pro ButCB, wid, data
common w, top, txt, txtsel, text
```

```
row = FIX(WwGetValue(txtsel))      ; Which row do we want?
```

```
eol = [0, WHERE(BYTE(text) EQ 10B)] ; Array of linefeed indicies
                                     ; (with 0 added for the first
line)
```

```
maxrow = n_elements(eol)-1         ; Max row of the data
```

```
offset = eol(row < maxrow) + 1     ; Position to use for topCharacter
```

```
args = {, topCharacter:offset}      ; Set resource
status = WtSet(txt, args)
```

```
end
```

```
pro textpos
common w, top, txt, txtsel, text
```

```
top = WwInit('test','Test',layout,Backgr='cyan',/vertical)

label = ['Select this row:']
bbox = WwButtonBox(layout, label, 'ButCB')
txtsel = WwText(layout, Text='5')

text = 'Line 0 This is a test of positioning a text widget \012' + $
      'Line 1 This is a test of positioning a text widget \012' + $
      'Line 2 This is a test of positioning a text widget \012' + $
      'Line 3 This is a test of positioning a text widget \012' + $
      'Line 4 This is a test of positioning a text widget \012' + $
      'Line 5 This is a test of positioning a text widget \012' + $
      'Line 6 This is a test of positioning a text widget \012' + $
      'Line 7 This is a test of positioning a text widget \012' + $
      'Line 8 This is a test of positioning a text widget \012' + $
      'Line 9 This is a test of positioning a text widget \012' + $
      'Line 10 This is a test of positioning a text widget '

txt = WwText(layout, Text=text, /Read, cols=40, rows=10)

status = WwSetValue(top,/Display)
WwLoop, /Noblock
end
```

Regards,
Mark Williams
Resource Engineering, Inc.
