
Subject: Re: Carriage Returns in IDL Text Widget
Posted by [Martin Schultz](#) on Thu, 26 Jul 2001 11:34:00 GMT
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Dan Fletcher <djfletcher@ucdavis.edu> writes:

> Hello:
>
> I've searched through Google groups and seen this question asked a
> number of times, but I haven't seen an answer anywhere and I'm hoping
> someone out there can help me. I have a Text Widget and want to write
> some info to it. I can't seem to send it a carriage return, so all of
> the text winds up on one line and out of the space supplied by the
> widget.
>
> Here's the widget definition (I've also tried it with the /WRAP keyword
> and have had the same problem).
>
> WID_TEXT_FILEPROPS = Widget_Text(WID_BASE_LEFT, \$
> UNAME='WID_TEXT_FILEPROPS',XOFFSET=8 ,YOFFSET=21 \$
> ,SCR_XSIZE=168 ,SCR_YSIZE=163 ,XSIZE=20 ,YSIZE=1)
>
> and here's the code I'm using to write to it:
>
> TextString='File: '+EEGFileName + STRING(13B)+STRING(10B)
>
> WIDGET_CONTROL,widget_info(Event.top,
> FIND_BY_UNAME='WID_TEXT_FILEPROPS'),SET_VALUE=TextString,/AP PEND
>
> TextString="Sampling Rate:
> "+STRING(EEGFile.DataBlockSampleRate(0,0))+ " Hz"
>
> WIDGET_CONTROL,widget_info(Event.top,
> FIND_BY_UNAME='WID_TEXT_FILEPROPS'),SET_VALUE=TextString,/AP PEND
>
>
> Any suggestions would be greatly appreciated. This is driving me crazy!
>

Hmmm. Seems like the Expert Programmer Association's pres is on vacation or in his annual tennis tournament ;-)
I'm not sure if I can really help you, but I would start looking at those keywords to Widget_Text. I would think that with All_Events=1 you can get each and every keystroke. Then you can track things along the lines of:

```
CASE StrUpCase(eventCategory) OF  
;; Gaining or loosing focus  
'WIDGET_KBRD_FOCUS' : BEGIN
```

```

    RETURN, self->HandleFocusEvents(event)
END

;; Change the cursor position or select part of the string
'WIDGET_TEXT_SEL' : BEGIN
END

;; Insertion of a single character
'WIDGET_TEXT_CH' : BEGIN
    ;; TAB or RETURN key
    IF event.ch EQ 9B OR event.ch EQ 10B THEN BEGIN ;; <===
        self->MoveTab
        RETURN, 0 ;; event
    ENDIF
    RETURN, self->HandleInsertEvents(event)
END

;; Insertion of a string
'WIDGET_TEXT_STR' : BEGIN
    RETURN, self->HandleInsertEvents(event)
END

;; Delete a character or string
'WIDGET_TEXT_DEL' : BEGIN
    RETURN, self->HandleDeleteEvents(event)
END

ELSE: BEGIN
    self->ErrorMessage, 'Unknown event category : '+ $
        eventCategory
ENDELSE
ENDCASE

```

This is an excerpt from a widget object.

Good luck,

Martin

```

--
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[[

```

Subject: Re: Carriage Returns in IDL Text Widget
Posted by [Alex Schuster](#) on Thu, 26 Jul 2001 11:57:01 GMT
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Dan Fletcher wrote:

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>           ^^^^^^^
```

Well, your text widget has only one line, is that really what you intended? If yes, skip the APPEND keyword, and you'll always see the last string you sent to the widget. Or you can increase the YSIZE, then, with the APPEND keyword, the new strings start at a new line.

```
> TextString='File: '+EEGFileName + STRING(13B)+STRING(10B)
```

I think IDL doesn't care about CR+LF here. To add multiple lines, just use a STRARR, or put the single strings there one after another, with the /append keyword.

Alex

--

Alex Schuster Wonko@planet-interkom.de
alex@pet.mpin-koeln.mpg.de

Subject: Re: Carriage Returns in IDL Text Widget
Posted by [Dan Fletcher](#) on Thu, 26 Jul 2001 17:45:58 GMT
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Thanks for the replies! The widget was indeed set to one character high (YSIZE=1). The odd thing is that I set this up in the GUI Builder and it doesn't appear to allow me to set the YSIZE to anything BUT 1 (the option in the properties dialog is grayed out and 1 is entered). So I guess I just have to remember to go back and set that value anytime I change anything in GUI Builder and recreate the *.pro file.

Thanks again for your help!

Dan

Alex Schuster wrote:

> Dan Fletcher wrote:

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> Alex

> --

> Alex Schuster Wonko@planet-interkom.de

> alex@pet.mpin-koeln.mpg.de