
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 catagory : '+ $
        eventCategory
ENDELSE
ENDCASE

```

This is an excerpt from a widget object.

Good luck,

Martin

```

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```
