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Subject: Re: X-windows text events

Posted by [David Fanning](#) on Thu, 04 Apr 2002 16:52:27 GMT

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Niel Malan (Niel.Malan@aber.ac.uk) writes:

> The idea of my line-based text widget is that it should only select lines, return the selected line as GET\_VALUE, and replace  
> the selected line with SET\_VALUE. I do that by capturing events from a text widget, examining the position of the  
> cursor/selection, and then setting the selection to the beginning and end of that line.  
WIDGET\_CONTROL's GET\_VALUE and  
> SET\_VALUE then uses this selection.  
>  
> The compound widget works well, but there is some side-effect behaviour. When the widget is first started, behaviour is  
> normal. However, once the compound-widget event handler has handled some events, events are generated for text selection  
> attempts on all open X-windows. Sometimes this behavior disappears after working in MS windows, but returns once the event  
> handler has handled events: I can't yet replicate this at will.  
>  
> The nett effect is that it is impossible to select text from other X-windows while my widget is running. This includes the  
> IDLE and IDL online help.

Did I say "user did something wrong" theory? I meant  
"IDL is nuts" theory. Sorry. :-(

I don't see anything at all wrong with the way  
you wrote your compound widget. But I have to  
tell you that it doesn't work so well on Windows  
machines. (We might have been able to predict this.)

As I spent nearly two weeks testing one time, IDL  
makes it difficult (impossible?) to select a line  
of text from a text array in a text widget. There  
must be something about the way lines end in Windows,  
but the counting is WAY off, using the keywords you  
use in your program. I find I have to select the line  
twice to get the program to work properly. The first  
time, it grabs characters from the line above in the  
selection, although it doesn't report these extra  
characters when it does the Get\_Value thing.

Anyway, I don't see any of the odd sorts of things  
you report. But if I did, it wouldn't surprise me  
much. :-(

Cheers,

David

P.S. Let's just say I found list widgets handy for  
selecting lines of text. :-)

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