
Subject: RichTextCtrl - cannot clear selected text. [Fixed]
Posted by [jjacksonRIAB](#) on Sun, 01 May 2022 12:06:14 GMT
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I'm trying to clear the selected text when focus is lost but I can't find any method to do it and .text is private so I can't adjust anchor/cursor from there either. Could we add a method to clear or cancel the selected text or is there another way to do it that I missed?

I see a potential problem with this approach. If you try to right click copy, the context menu steals the focus.

Oops, I appeared to have put this topic in the wrong place. Sorry about that.

Subject: Re: RichTextCtrl - cannot clear selected text.
Posted by [mirek](#) on Mon, 16 May 2022 08:46:05 GMT
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Have you tried

```
my_rich_text_ctrl <<= Null;
```

?

Subject: Re: RichTextCtrl - cannot clear selected text.
Posted by [jjacksonRIAB](#) on Mon, 16 May 2022 09:11:09 GMT
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Mirek,

I should be clearer about what I'm doing. I have a bunch of RichTextCtrls (potentially thousands - it's for a chat application) in a scrollable view and when text is selected for copy+paste the selection is not cleared when I select another RichTextCtrl. Unless I'm unaware of something <<= will clear the text itself (not what I want) but not the highlighted selection.

The other thing I want to do is virtualize the scrollable view so I don't have so many RichTextCtrls open at the same time but that's a question I posted elsewhere.

Subject: Re: RichTextCtrl - cannot clear selected text.
Posted by [jjacksonRIAB](#) on Mon, 16 May 2022 09:15:57 GMT
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The section of code I could use is contained in Clear()

```
void RichTextView::Clear()
{
    sb = 0;
    text.Clear();
    SetSb();
    Refresh();
    anchor = cursor = sell = selh = 0;
}
```

Just

```
anchor = cursor = sell = selh = 0;
```

Is enough to clear the selected text but all of this stuff is inaccessible and private.

Subject: Re: RichTextCtrl - cannot clear selected text.
Posted by [mirek](#) on Mon, 16 May 2022 10:00:26 GMT
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Ah, that is a bug. Fixed.

As for your other problem, have you considered to have just single RichTextCtrl? You can put whole bunch of things inside as links (including images) and react to those.

Worked pretty well for me in the past.

Mirek

Subject: Re: RichTextCtrl - cannot clear selected text.
Posted by [jjacksonRIAB](#) on Mon, 16 May 2022 10:22:33 GMT
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Cool, I'll check it out.

Yes, I originally started with a single RichTextCtrl but this client does more than just displaying text or images, it has to be able to do custom mouseovers with active elements, transitions, embedded video and audio, Downloadable files and each element has to be trackable, searchable, updateable, deletable and it ideally should support group-level encryption. RichTextCtrl alone can get you a lot of that stuff but not all of it even with custom elements.

Subject: Re: RichTextCtrl - cannot clear selected text.
Posted by [Klugier](#) on Mon, 16 May 2022 10:28:56 GMT
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Hello,

It seems that the fix introduce regression or maybe it behaves like this before. When you select text for example in TheIDE help and then right click on it. The selection is removed and copy text operation doesn't make much sense. Could you verify this?

Klugier

Subject: Re: RichTextCtrl - cannot clear selected text.
Posted by [jjacksonRIAB](#) on Mon, 16 May 2022 11:07:09 GMT
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I do seem to remember a problem similar to that although I haven't gotten latest yet. The problem was IIRC that focus is also lost if that copy popup is used so it deselects the text. My fix for it felt hacky - I had to check last control for IsPopup and if it was call WantFocus to bring it back but it was probably only a workable solution for my application.

Subject: Re: RichTextCtrl - cannot clear selected text.
Posted by [mirek](#) on Mon, 16 May 2022 11:45:15 GMT
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Klugier wrote on Mon, 16 May 2022 12:28Hello,

It seems that the fix introduce regression or maybe it behaves like this before. When you select text for example in TheIDE help and then right click on it. The selection is removed and copy text operation doesn't make much sense. Could you verify this?

Klugier

You are right, clearing selection in LostFocus is incosistent with behaviour of other widgets.

Back to drawing board: Reverted, RichTextView now has WhenLeftClick and ClearSelection. So with 2 RichTextCtrls it could look like this:

```
a <<= "This is some text";  
b <<= "This is another text";  
  
a.WhenLeftClick = [=] { b.ClearSelection(); };  
b.WhenLeftClick = [=] { a.ClearSelection(); };
```

Mirek

Subject: Re: RichTextCtrl - cannot clear selected text.
Posted by [jjacksonRIAB](#) on Mon, 16 May 2022 11:46:48 GMT
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I had named mine ClearSelection too so I don't have to change anything.

Thanks, Mirek.
