Subject: BUG: LineEdit "Drag And Drop" violates read-only state
Posted by navi on Wed, 16 Jan 2013 07:00:16 GMT
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Hi All,

If you add 2 LineEdit ctrl in your window and 1 of them is read-only. if text drag from read-only LineEdit to a non read-only LineEdit ctrl text are moved from read-only ctrl to other ctrl. Essentially violating the read-only state of the read-only ctrl.

I have investigated the DragAndDrop(Point p, PasteClip& d) function of the LineEdit ctrl in LineEdit.cpp Line:777. And found that the writer of the function put a safeguard for such an issue in the first line. see follwoing:

LineEdit.cpp Line:777

```
void LineEdit::DragAndDrop(Point p, PasteClip& d)
{
	//My FIX::
	//if(IsReadOnly() || GetDragAndDropSource()->IsReadOnly()) return;

 if(IsReadOnly()) return;
...
}
```

however in reality in "dragging & dropping" action, half the action triggers execution of the DND function of the source ctrl. and other half the triggers execution of the DND function of target ctrl. Since target ctrl is not read-only, the function executes and the text is moved from read-only ctrl to a non read-only ctrl.

attached project is elaborate test example & fix example.

File Attachments
1) LineEdit - Bug Report 001.zip, downloaded 511 times

Subject: Re: BUG: LineEdit "Drag And Drop" violates read-only state
Posted by mirek on Sat, 19 Jan 2013 13:47:54 GMT
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Excellent bug report. Fix is not quite correct, as I guess we still want to drag from RO fields, so I have used slightly different patch.

Fixed.

Mirek

Subject: Re: BUG: LineEdit "Drag And Drop" violates read-only state
Posted by navi on Sat, 19 Jan 2013 14:29:02 GMT
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mirek wrote on Sat, 19 January 2013 14:47Excellent bug report. Fix is not quite correct, as I guess we still want to drag from RO fields, so I have used slightly different patch.

Fixed.

Mirek

Thanks for fixing. I wanted to device the fix with DND still enable for RO fields but my understanding of DND function in LineEdit isn't clear enough to get me there. can't wait to get my hands on your fixed code and see if its improves my understanding.

regards
Navi

Subject: Re: BUG: LineEdit "Drag And Drop" violates read-only state
Posted by navi on Sun, 20 Jan 2013 01:11:22 GMT
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Just confirming I have tested the fix/patch is working 100% since the following

nightly builds
01/19/2013 01:20:20 upp-x11-src-5717.tar.gz
01/19/2013 01:17:05 upp-win32-5717.exe

Thanks & Regards
navi
