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Subject: Re: need some expert advice to extend the LineEdit

Posted by [navi](#) on Sun, 02 Dec 2012 18:16:36 GMT

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Quote:OK, so the reason is curiosity/self-education I am OK with that...

Thanks for accepting the reason to help me. big thanks for spending your time helping me.

Quote:The EditorBar as you correctly found is what makes the line numbers work. In theory, it is nothing more than a FrameCtrl in the CodeEditors frame that paints the line numbers and other info. The "friend class" declaration is there only to allow direct access to the private members and thus make the implementation a bit simpler.

The EditorBar in CodeEditor does actually much more then line numbering. It takes alo care of annotations, breakpoints, ifdef tracking etc... To show it to you in simpler form, here is a commented example of it's very stupid cousin

It is not complex at all, if you remove all the clutter around Wink Basically just a Paint function and some simple overrides in the LineEditExtended class to keep things synced.

again, big thanks and I really appreciate the you dumb down the EditorBar for me. Amazing! It would have taken me hours and hours or perhaps days to go through EditorBar's code to understand what you manage to explain in few lines of comment!

Quote:Also, just for your reference, I attach a very simple tool I wrote for myself some time ago. It uses CodeEditor to issue commands to SqlLite database. It is rather stupid, but you can see that using CodeEditor can be very simple

looking at your example program, indeed it does look codeeditor is quite easy to use. I will read the public interface thoroughly to learn how to customize it to my needs.

Quote:To get idea of other capabilities of any class, it is always good to read the public part of its interface, the methods in U++ are usually quite self-explaining.

I agree. Most of the times they are. public interfaces of U++ class are almost hundreds of times easier then trying to make seance of the inner working of the classes themselves. though rarely but unfortunately at times the public interface aren't enough to extend the classes if need be. since codes and more impotently variables are un-commented make some times quite hard to understand them.

but thankfully for those times, great members of U++ community like yourself are around and very very helpful.

regards  
navi

p.s. A question lingering in my mind, in your dumb down version of Editorbar, it is not declared as friend in LineEditExtended class unlike the CodeEditor. was that because in this version there was no need to access any private members?

