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Subject: Re: How would I virtualize a scrollable view to dynamically load Ctrl's?

Posted by [jjacksonRIAB](#) on Wed, 01 Jun 2022 13:57:42 GMT

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mirek wrote on Wed, 01 June 2022 15:34jjacksonRIAB wrote on Tue, 31 May 2022 21:27mirek wrote on Tue, 31 May 2022 14:39I am afraid that with thousands of paragraphs, it will still be slow determining the height for given with (e.g. RichTextCtrl needs to do that in Layout anyway). Note that if you load some really big text in MS Word or OpenOffice writer, it can be slow as well before he reformats everything. In you current example, you need to typeset about 4 millions glyphs... :)

It is strange it is slow on your machine though. What exactly is slow, scrolling?

Mirek

Scrolling is fine. Resizing just kills it. This is on linux though, I don't know if you were running it on Windows. KDE, cinnamon, lxde - doesn't matter on any DE I've tested even with compositing turned off.

That part is actually not influenced by DE nor system in any way... I believe 99% of time is spent in

RichPara::Lines RichPara::FormatLines(int acx) const

RichText/ParaType.cpp:237

Mirek

Having not tested it myself I'll defer to your experience but my rationale for how it could happen is that perhaps one DE/WM may fire resize events more frequently than another but it was just a guess. More likely your machine is just significantly faster than mine. :d