Subject: Memory Mapping LineEdit Data
Posted by syntax_ on Wed, 09 Mar 2022 04:13:19 GMT

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Hello UppWorld! Noob here.

I have a simple parent control that manages a LineEdit, MemStream, and my own class
MemoryMappedFile (I didn't find FileMapping until later since it is not under Documentation tab,
and anyway it appears to be readonly?).
When I load a file I can successfully MemStream::Create, init my MemoryMappedFile, and
LineEdit::Load(myMemStream), and there is a successful display of the file's contents.
My problems are:
A) External edits to the file are not displayed in the LineEdit, even with a forced Refresh(), unless I
destroy\reopen the file. I'm guessing I could look at the file descriptor's modify times and do this
through user interaction notifications, but feels wrong.
B) Edits to the LineEdit control do not appear "linked" in any way to the actual mmapped data, i.e.
when I msync (successfully according to checked return code) no data is written to the file.

Is there a better way to go about this? I am mmaping with PROT_READ|PROT_WRITE and
MAP_SHARED, I just can't seem to sync up the control to the data..

Thank you.