

Name



Lutepad

What is it

Lutepad is a very bad copy of the Windows Notepad text editor. Named after Pacific Lutheran University, Lutepad has basic text editing functionality only. The user can open files for editing, while making sure to save using the File menu, as clicking the close button will render all changes dumped to memory. Basic cut, copy, and paste functionality is present as well. Printing functionality is also present, utilizing Qt's printing framework to output the file to paper.

How to use

Compile the program with all of the source files intact (including the images), then run the executable.

Why

I wrote this program for a few reasons. One reason is that I have a passion for front end development. I love to learn how different aspects of the user interface come together, and potentially learn how to make new interfaces for human-computer interaction. Another reason is that a GUI-driven program is a classic programming test being issued by many companies during the hiring process. Usually it will involve the interviewee coding a clone of a popular basic program (Microsoft Paint is the usual suspect - I would have cloned it, but many of the required libraries are outside Qt and are found within KDE), or figuring out a math problem. I wrote this to see if I could hold myself to similar standards while being fresh out of the basic programming classes at PLU.

What did I learn?

I learned a lot about the Qt framework's robustness. It is a great framework to work with. This project has also enabled me to stretch my mind into more abstract areas of thinking in terms of code. I feel that this has been a good taste into serious professional programming.