

MIDI Macros

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What is it?

This program allows users to bind efficient shortcuts/macros to their MIDI keyboard and increase productivity while working.

Why?

(Problem Statement)



When working at home, menial tasks, such as opening specific files or playing music can be less of a burden to do. The program utilizes the MIDI protocol to do such tasks at ease. In doing so, certain actions can be performed with a press of a button, and with over 128 keys to use (on a traditional MIDI Piano), the possibilities are endless. All in all, The amount of time saved looking for that specific folder, or any other redundant task is paramount.

Product Demo

(Description & Demo)



<https://www.youtube.com/watch?v=MZsUFm2aQ58>

What I Learned.

The MIDI data flow, MIDI I/O, keyboard emulation, and subprocesses