Plumid

A midi software interface for Neural DSP's archetype plini
Developed by Nathan Jose

Week #3 Report
September 8th, 2019

Application Development

- Setup py-autogui and created a test suite and automated elements of the Archetype Plini GUI successfully
- Installed various python midi modules based off github and tested them - yet to find a module that successfully reads midi from input port.

Executive Section

To: Prof. Patrick Shepherd
From: Nathan S. Jose
Subject: Plumid - Week #3 Report
Date: September 8th, 2019

- Accomplishments:
    - Successfully installed and tested py-autogui to automate Archetype Plini software.
    - Installed various python MIDI modules (py-midi, rt-midi, mido etc.) and tested them.
- Challenges:
    - Haven't been able to successfully read midi input from the FCB1010 yet - receiving multiple code errors about api documentation and such with the python modules that I'm using.
- Time spent:
    - Time in class was spent searching for python MIDI modules to interact with the FCB1010.
    - Time outside of class was spent writing code to test the py-autogui module and testing various python MIDI modules.
- Goals:
    - The following week will also be spent searching and testing modules to receive MIDI input from the FCB1010 while writing GUI automation functionality with py-autogui.