SOUND INTERACTION WORKSHOP

INTERACTION

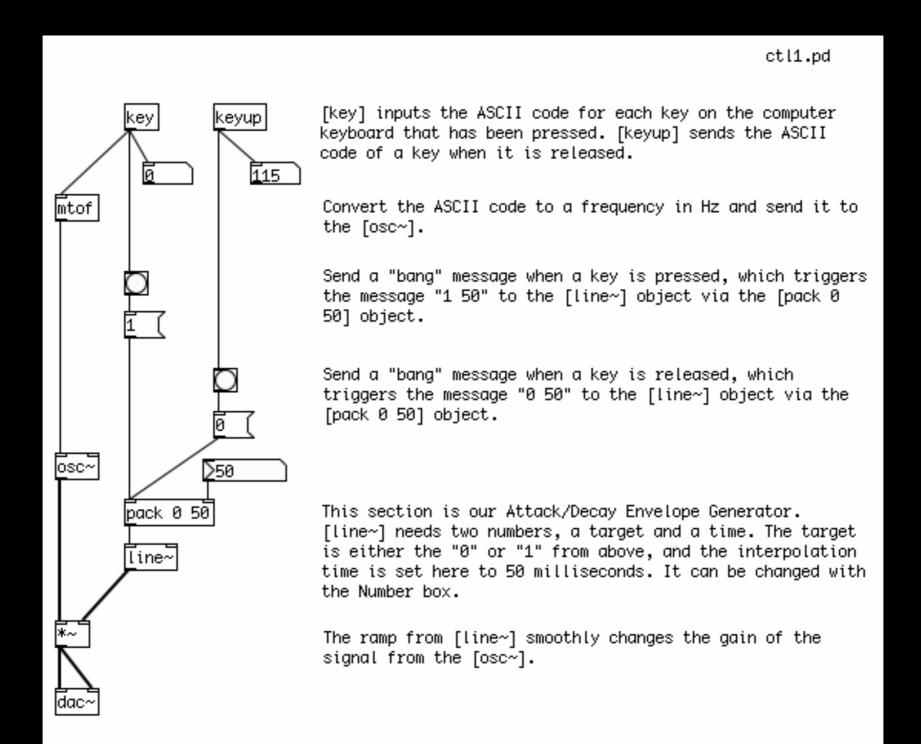
INTRODUCTION

Repository

https://github.com/ImanolGo/ SoundInteractionWorkshop

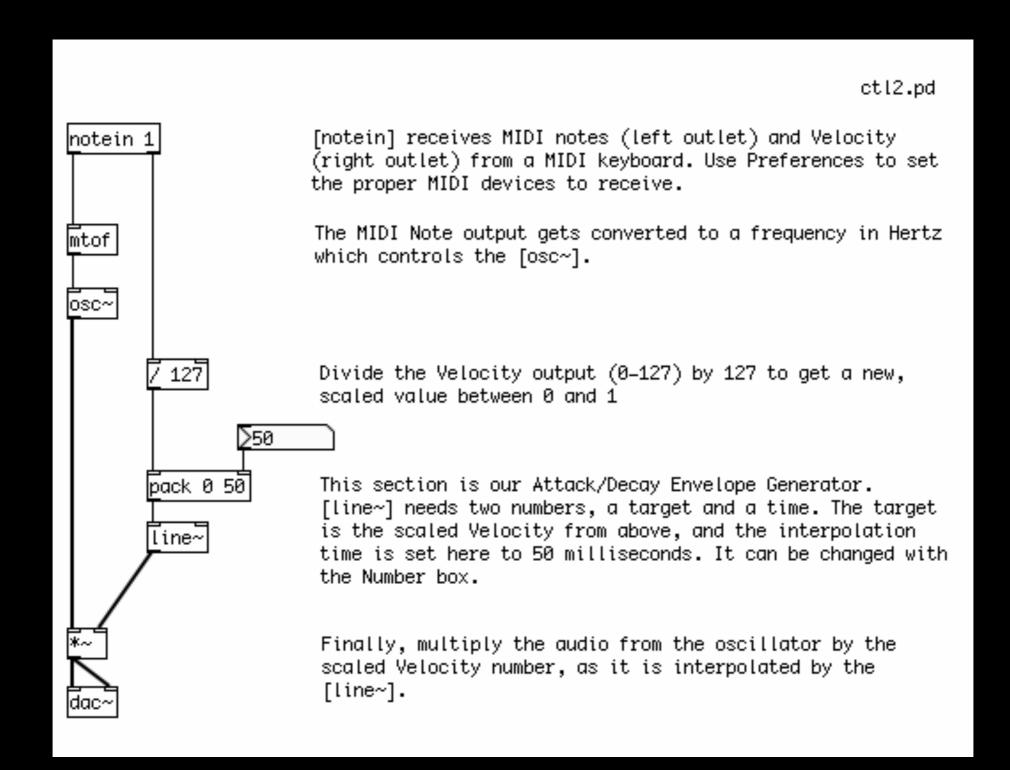
Keyboard

Input from the Computer Keyboard



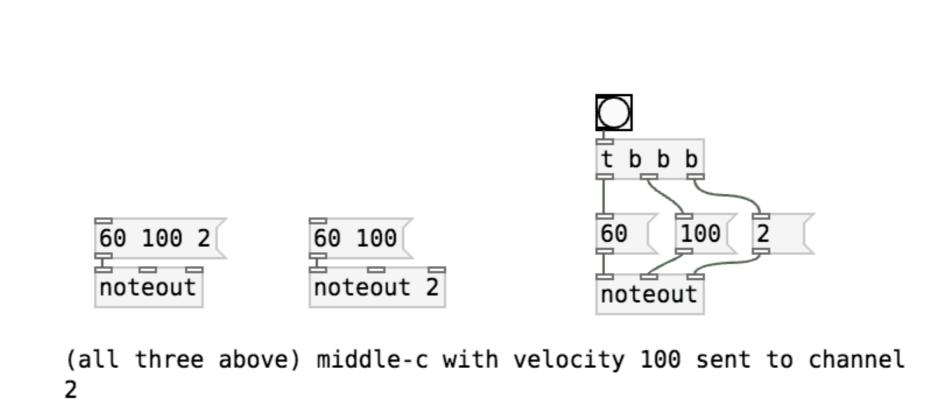
MIDI

Input from a MIDI Keyboard



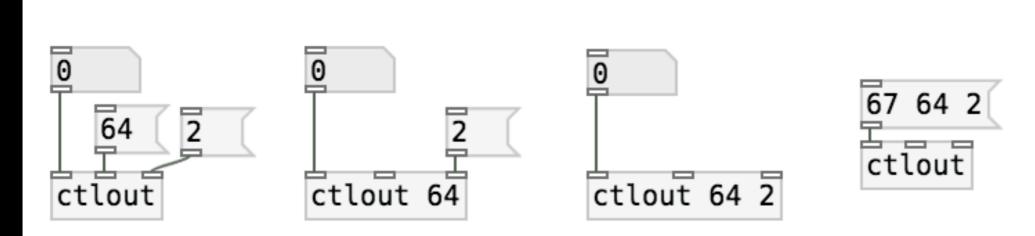
[noteout]

Transmit MIDI notes



[ctlout]

Sends control messages to the MIDI port. See a MIDI specification chart for various controller numbers/values descriptions.



All these examples will transmit control no 64 on channel 2 (remember to click the message boxes to initialize).

SERIAL

[Comport]

```
open 0 Open device 0

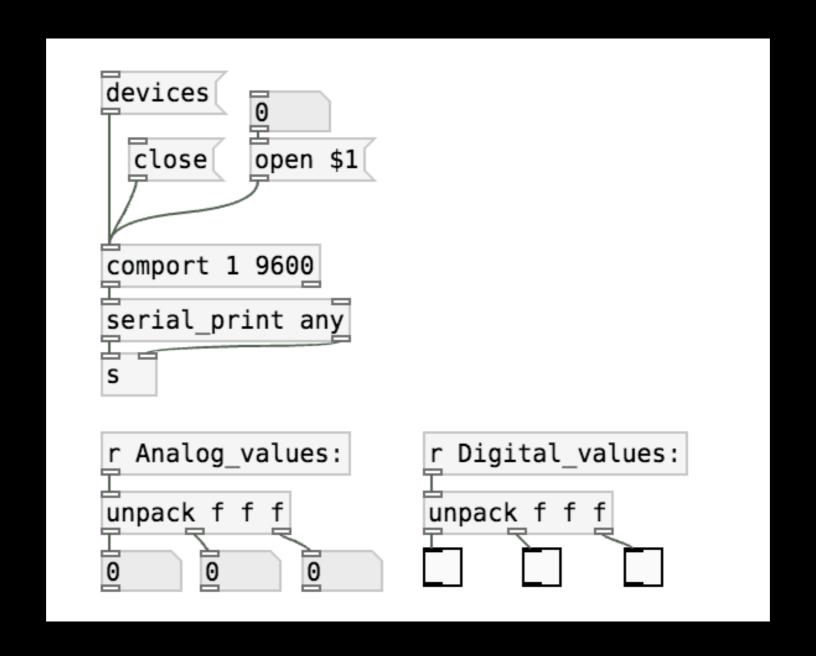
devices List all available devices

comport 0 115200

Data From Arduino
```

[serial_print]

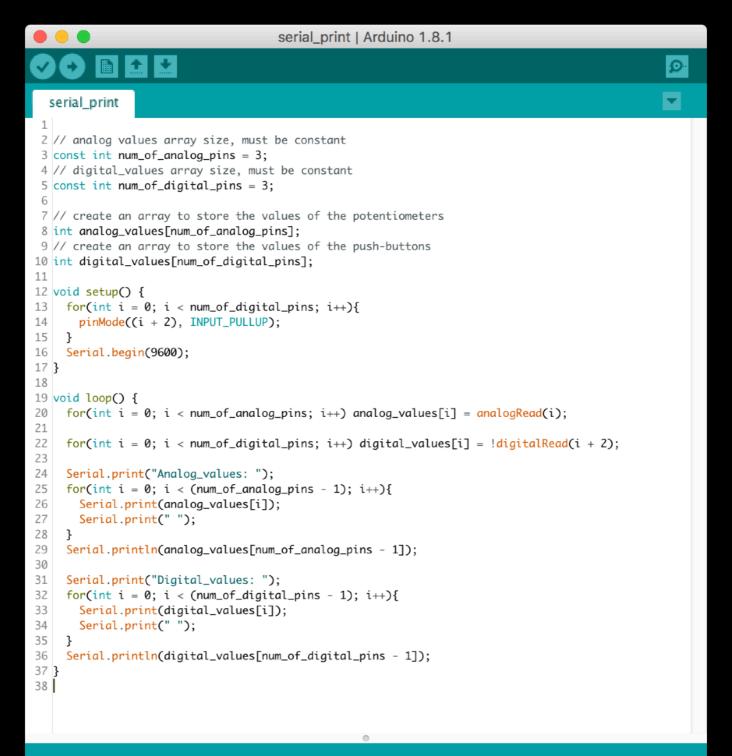
Abstraction that works with [comport] and Arduino's Serial.print() and Serial.println() functions.



[serial_print]

- 1. Always copy the serial_print patch!
- 2. In Arduino use Serial.print(value) + Serial.print("")
- 3. A string must precede a value group
- 4. The last value of each group must be printed with Serial.println()
- 5. Take a look on serial_print-help.pd and serial_print.ino

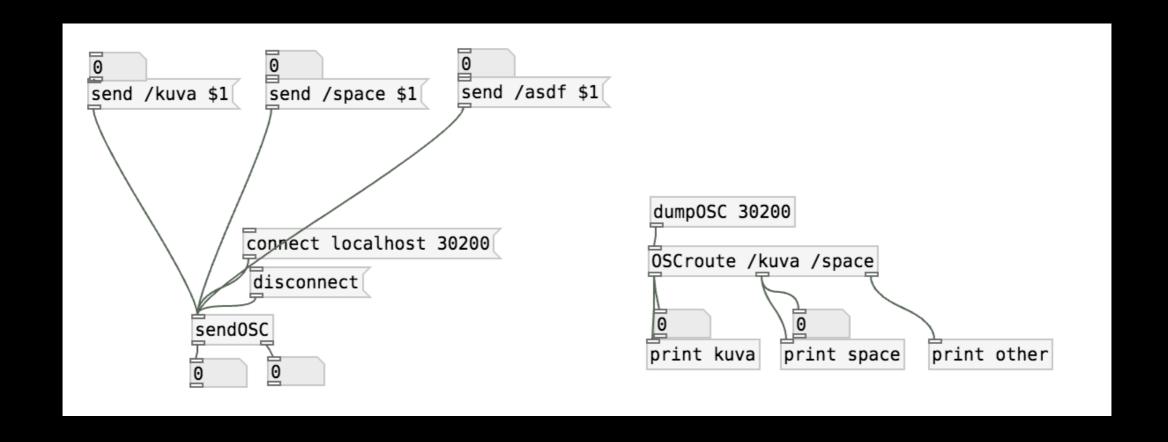
[serial_print]



OSC

Open Sound Control

OSC is a protocol for sharing data across networks and applications.



Now, is your turn!

Questions?

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