

Johannes Kreidler 2007 // www.kreidler-net.de

honk

collection of abstractions for pd (requires at least pd-extended 0.39)

<http://www.kreidler-net.de/honk.html>

help-files are in the same folder, but also included inside the abstractions themselves.

----GLUE----

invert inverts order of atoms of a list

```
inlet: list
now order new my
invert
print -> list my new order now
outlet: new list
```

listerize-fifo like "serialize" but for symbols, turns a list of symbols into a list, in order: first in first out

```
left inlet: various symbols
this
is
my
new
honk
listerize-fifo
print -> this is my new honk

right inlet: clear: empty list
flush: output list
clear
flush
```

listerize-lifo like "serialize" but for symbols, turns a list of symbols into a list, in order: last in first out

```
left inlet: various symbols
honk
new
my
is
this
listerize-lifo
print -> list this is my new honk

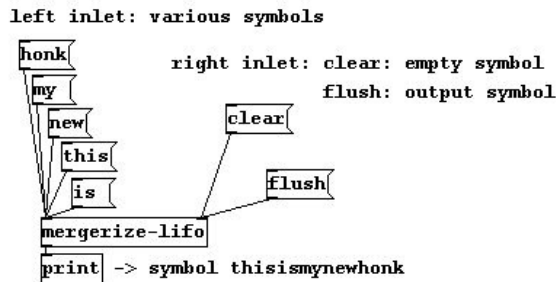
right inlet: clear: empty list
flush: output list
clear
flush
```

mergerize-fifo turns a stream of symbols into one symbol, in order: first in first out

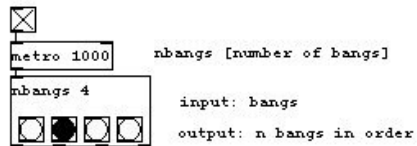
```
left inlet: various symbols
this
is
my
new
honk
mergerize-fifo
print -> symbol thisismynewhonk

right inlet: clear: empty symbol
flush: output symbol
clear
flush
```

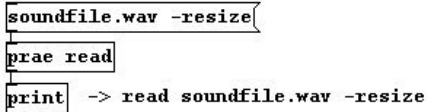
mergerize-lifo turns a stream of symbols into one symbol, in order: last in first out



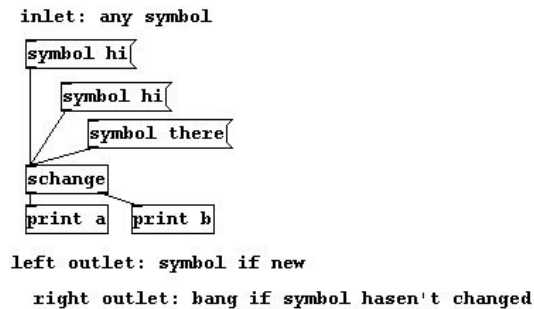
nbangs sequence incoming bangs



prae glues a praefix and an input together to one list



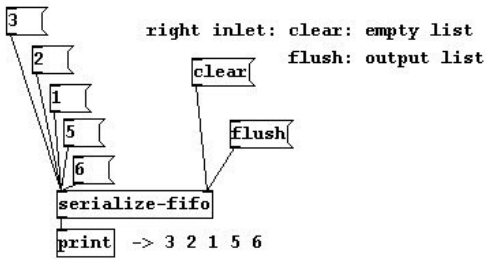
schange like "change" but for symbols, outputs its input only when it changes



serialize-fifo

like "serialize" but for any number of floats. turns a list of floats into a list, in order: first in first out.

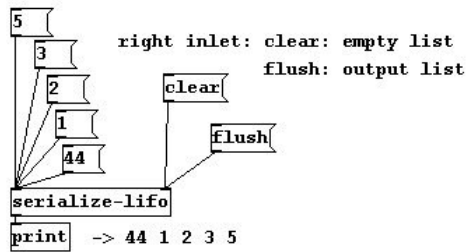
left inlet: various floats



serialize-lifo

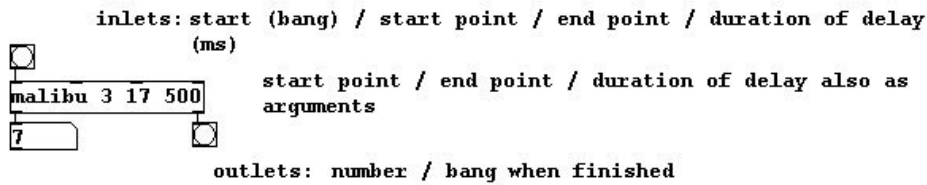
like "serialize" but for any number of floats. turns a list of floats into a list, in order: last in first out.

left inlet: various floats

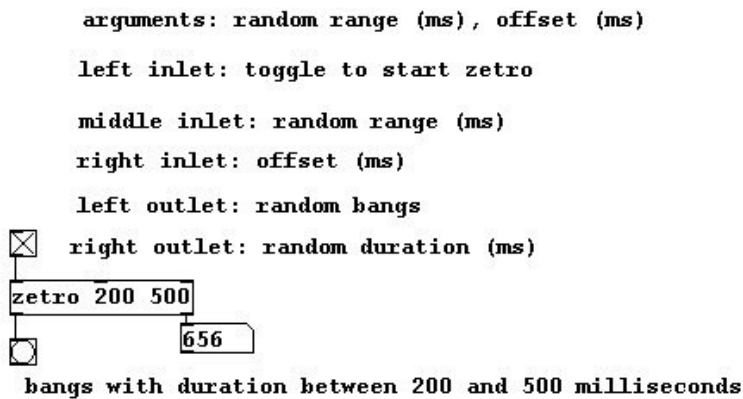


----TIME----

malibu counts in a certain speed

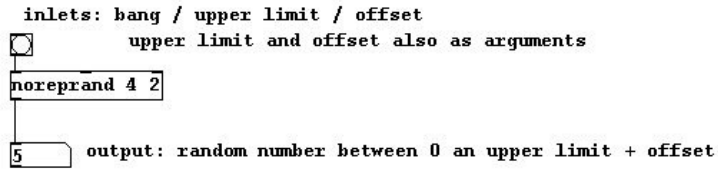


zetro random metronome

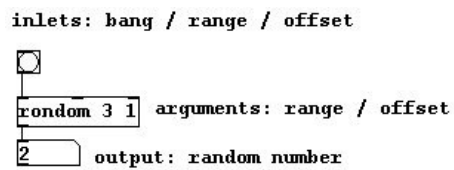


----MATH----

noreprand (almost) exactly like "random", but without repetitions. outputs random numbers in given range.

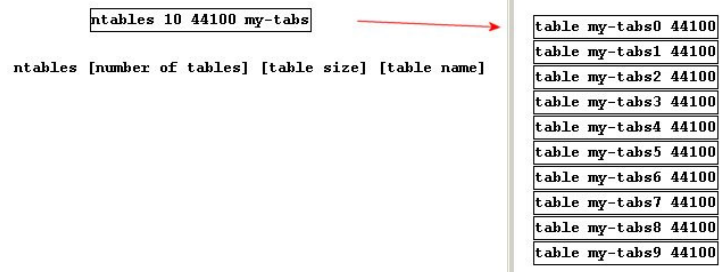


rondom like "random" but with offset as argument



----TABLES----

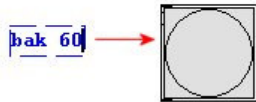
ntables creates a certain number of tables in subpatch



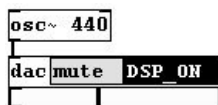
----GUI-----

bak like bang, but size can be given by argument

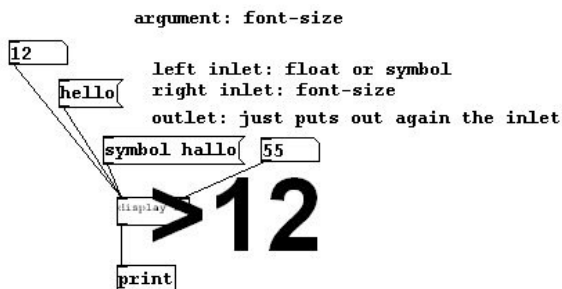
like bang, but size can be given by argument (by default 55)



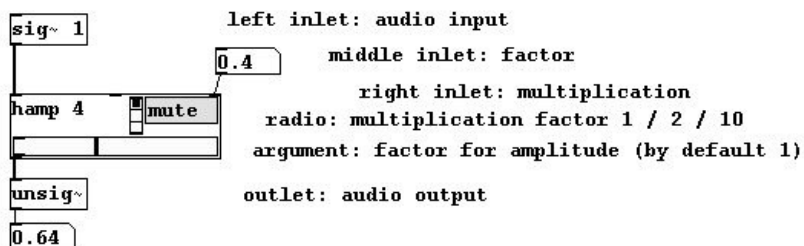
dac comfortable control of audio output



display displays a number or symbol in variable size



hamp comfortable horizontal potentiometer

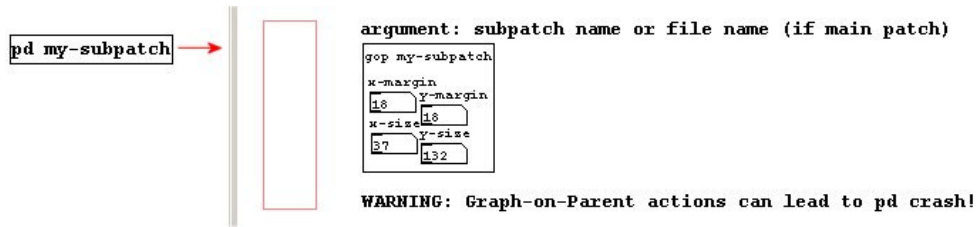


hr like horizontal radio, but number of buttons can be given by argument

like horizontal radio, but number of buttons can be given by argument (by default 8)

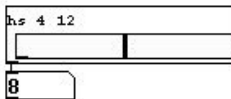


gop comfortable graph-on-parent control

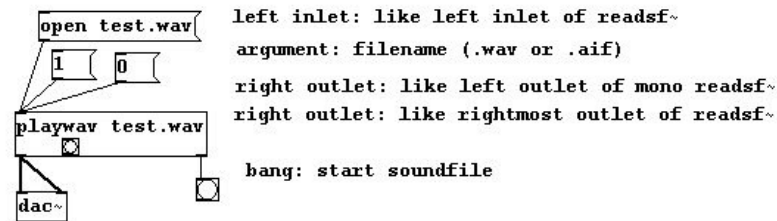


hs horizontal slider with range as arguments

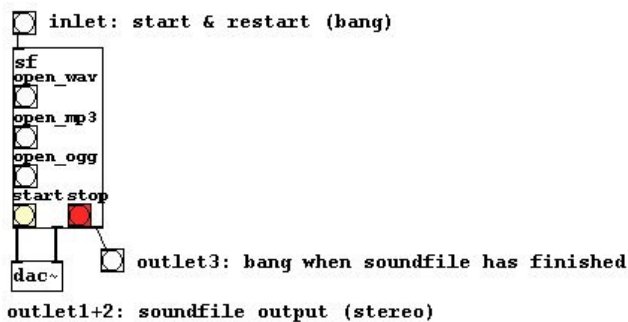
2 arguments: left border / right border



playwav easy soundfile player

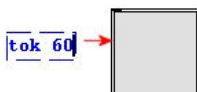


sf soundfile-player for different formats (wav, mp3, ogg)

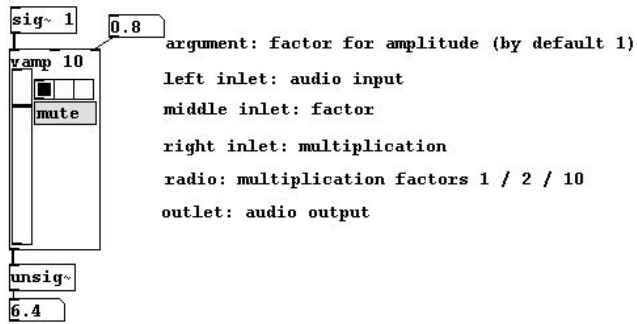


tok like toggle, but size can be given by argument

like toggle, but size can be given by argument (by default 55)

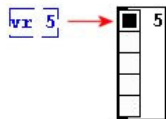


vamp comfortable vertical potentiometer



vr like vertical radio, but number of buttons can be given by argument

like vertical radio, but number of buttons can be given by argument (by default 8)

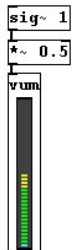


vs vertical slider with range as arguments

2 arguments: left border / right border



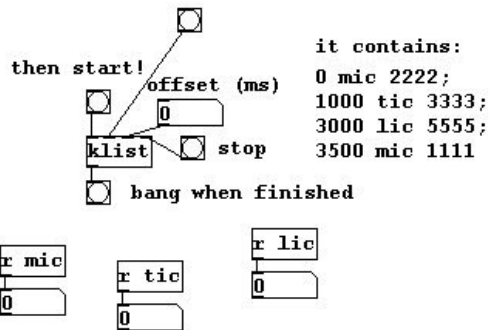
vum quick-to-build VU-Meter



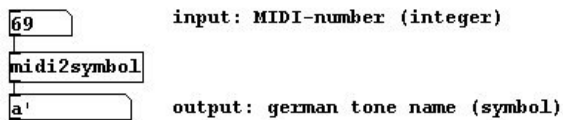
----MISC----

klist text-based sequencer with absolute time destinations

first input: bang to start
second input: bang to select textfile
third input: offset (ms)
fourth input: bang to stop
output: bang when finished
first load the textfile "klist.txt"



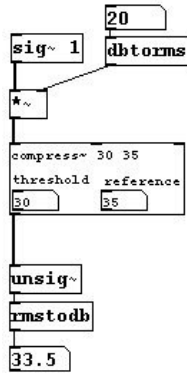
midi2symbol MIDI tone numbers to german tone name conversion



----AUDIO GLUE----

compress~

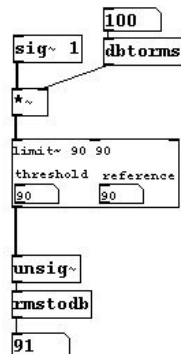
every amplitude that lies under a certain threshold will be amplified to a reference amplitude



left inlet: signal to be compressed
middle inlet / first argument: threshold in db
right inlet / second argument: reference in db
outlet: compressed signal

limit~

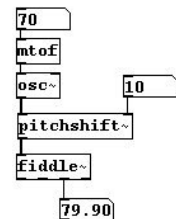
every amplitude that lies over a certain threshold will be dampened to a reference amplitude



left inlet: signal to be limited
middle inlet / first argument: threshold in db
right inlet / second argument: reference in db
outlet: limited signal

pitchshift~

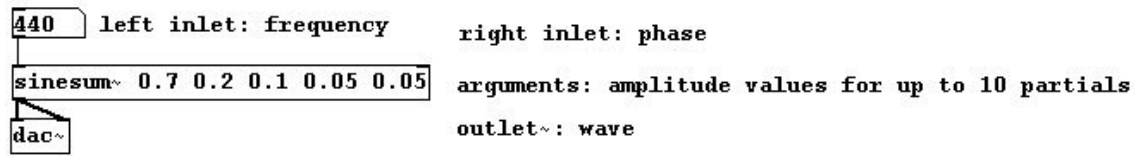
granular transposition



left inlet: audio input
first argument: window size in samples, by default 8192
right inlet / second argument: transposition in semitones
outlet: audio output

----AUDIO OSCILLATORS----

sinesum~ oscillator with various partials



waveform~ waveform oscillator

