sidbang

- SPACE starts/stops playing
- ENTER sets playhead to start
- all interaction with mouse on the buttons sliders, number dialers, dropdown lists, etc.

project - files are stored in the bng subfolder - export is still experimental, will print the tables to stdout sh4ke EXPORT patch select - each instrument has 16 independant patches - the selected patch is set in the pattern editor on click ADSRH setting - H > 0 set gate release time in ticks instead of 1/16 note trigger from the sequencer - 2nd row sets the osc-patch for each phase of the ADSR pw1: 0.31 pw2: 0.59 osc-patch select 16th:: 070.00 Loop - each instrument patch has 4 independant osc-patches osc-patch settings osc-waveform / frequency / ticks / ratio / sound parameter osc-waveform : triangle / rect / saw / inverse saw / sinus frequency: in Hz -> maps to ticks ticks: 1 tick happens 16 times per 50 Hz frame -> maps to frequency - ratio: effective for rect and triangle sound parameter oscillation happens between the left and right parameter base-frequency: transpose or replace input note vibrato : 0 - 100 % sid-waveform: bits 3-0 pulsewidth: for the sid-rect waveform (0100) song settings - bpm mapped to player ticks per 1/16th note loop- / song-mode pattern sequence editor waveform preview instrument note select pattern select - 3 channels with independant instrument per channel - displays the sid output of the instrument for 4/16 note - the note is feed into the instrument input - each pattern (0-63) carries the sequence setting below 32 patterns each for notes and patches the selected note is set in the pattern editor on click length - in song-mode selected patterns are played sequentially gate is triggered on a set 1/16 note and released on empty 1/16 note (for instruments with H == 0)

- instrument patch is toggled by patch pattern, default

use SHIFT + click to set or clear all equal cells left from

patch is 0

the selected cell at once