# INTRO TO LIVE CODING MUSIC: TIDAL CYCLES

# Structure of this workshop

- Intro to Live coding and Algorave

- Live Coding Demo

- Free to work on worksheet

- ~algorave~

# WHAT IS LIVE CODING?

- Coding… done live

- Making music that changes over time

- Making visual art that changes over time

- Doing things wrong

## Algorave

# If you've never coded before…

Don't worry! It's designed to be very easy to learn*

It's all about making and changing musical patterns over time

*once you install it

# The basic idea behind Tidal

TidalCycles (or Tidal for short) is a language for live coding patterns.

It allows you to make musical patterns with text, describing sequences and ways of transforming and combining them, exploring complex interactions between simple parts.

# Some more resources..

Tidal Cycles blog

http://blog.tidalcycles.org/

Tidal Website

https://tidalcycles.org/

Mike Hodnick (kindohm) YouTube video series

https://www.youtube.com/watch?v=g8nJaoh7ZhY&list=PLKgxw7RG3hcRHyBFsPr5opr1iu8wbNIgP

# Tidalbot!

https://twitter.com/tidalbot

**Alex McLean** @yaxu · May 20

@tidalbot stack [every 4 (fast 4) $ sound "odx*2", sound "arpy*4" # resonance 0.2 # cutoff (scale 200 2000 rand) |*| up "<0 [3@2 5] [-2@3 0] 0>", up ("[-6 6*2]*2" + "<0 <3 5> -2 0>") # sound "jvbass"]

1

http://douglas.lurk.org/sounds/658aae15b331769b1f12d5a6cf5e9c3a.mp3
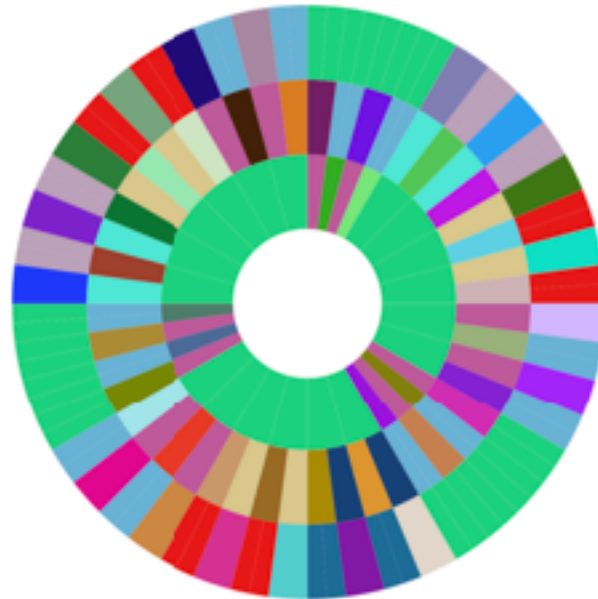
# Tidalbot-bot!

https://twitter.com/tidalbotbot

**TidalCycles Bot Bot**
@tidalbotbot

Following

superimpose (slow 2 . striate 8) $ s "pluck*4"
|=| n (every 2 (slow 2) $ every 2 (palindrome)
$ every 4 (0.125 ~>) $ run 8) |=| speed "1" |=|
cut "(irand 5)" |=| cut "-1" @tidalbot
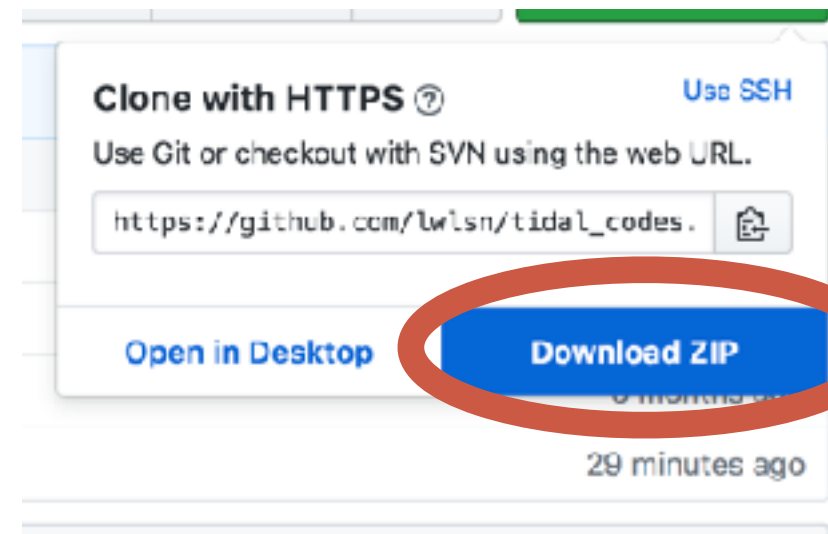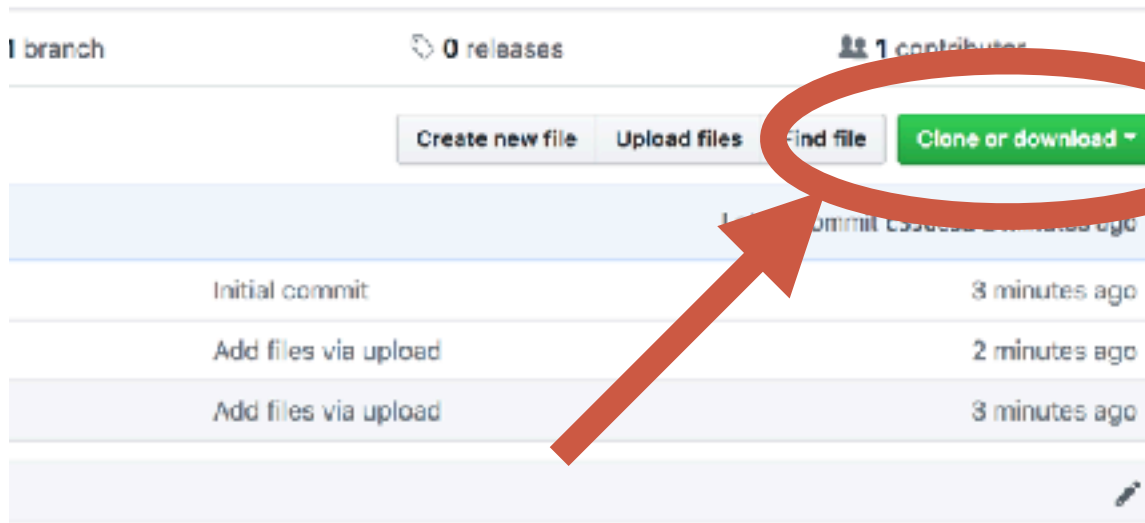
7:00 AM - 25 Sep 2018

**Demo**

Get the worksheet & Presentation:

**1)Visit: https://github.com/lwlsn/tidal_workshop**

**2) Download files by clicking clone & download .. then download zip:**



**3) Unzip and open *workshop.tidal* in Atom Editor**