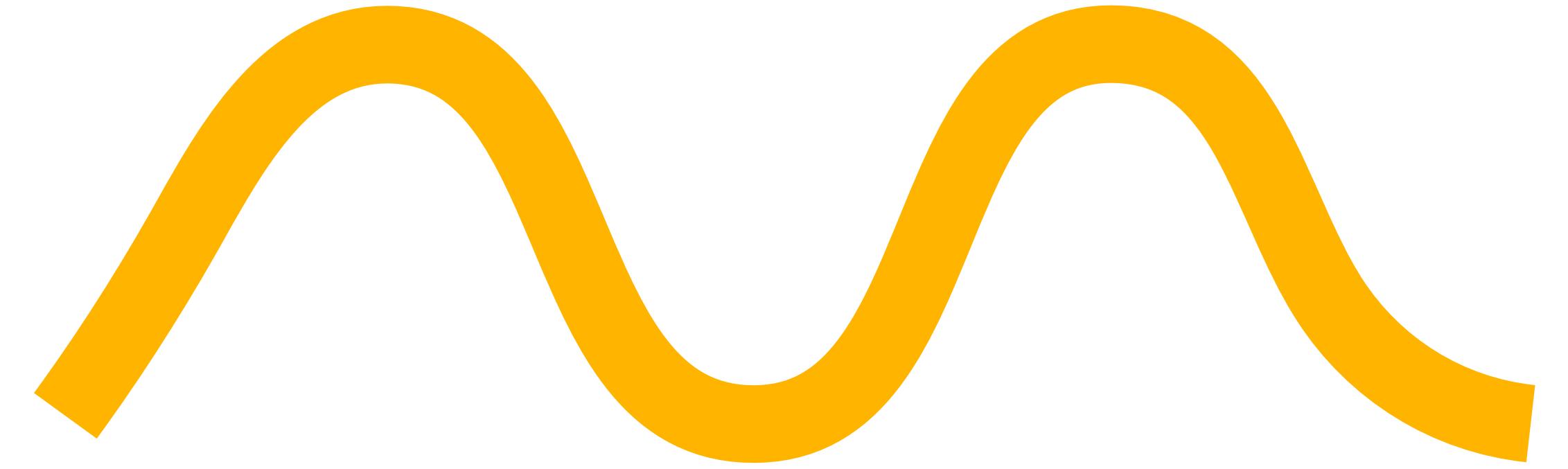




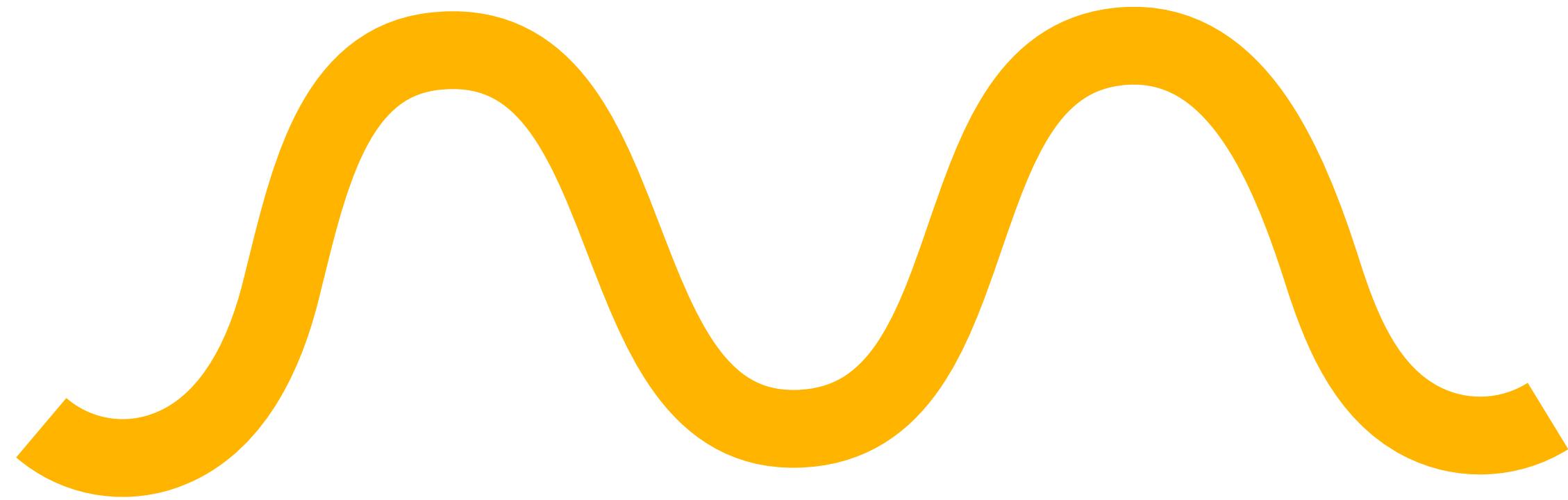
# Noodle

## Animation as Ramen

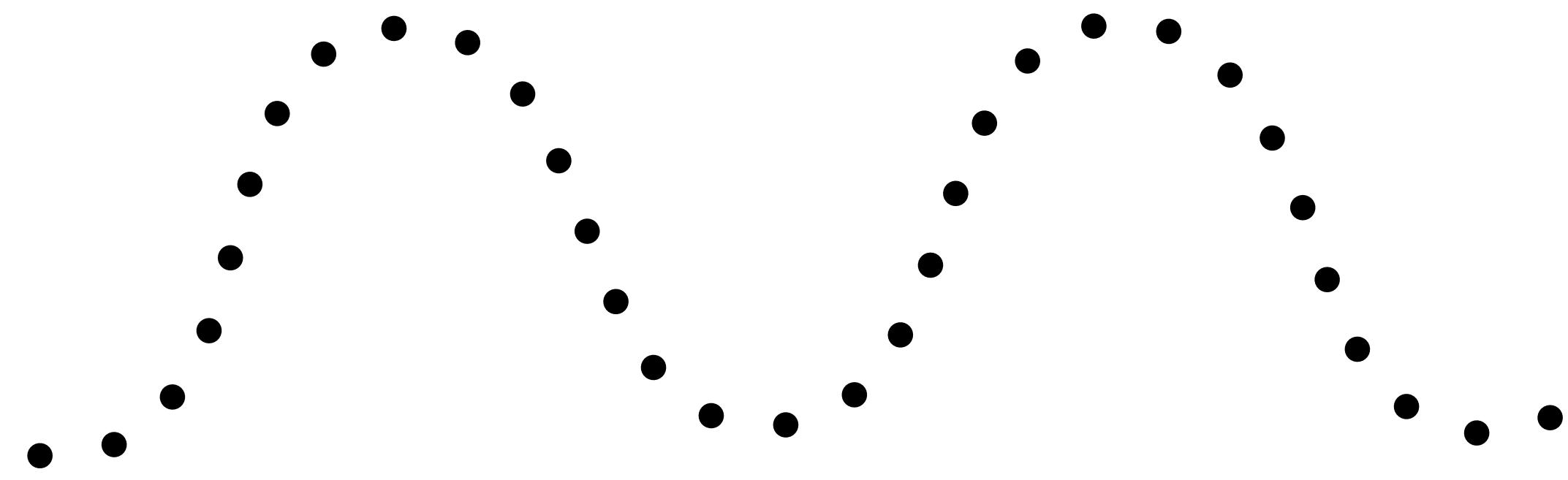
shamansir @ 2022



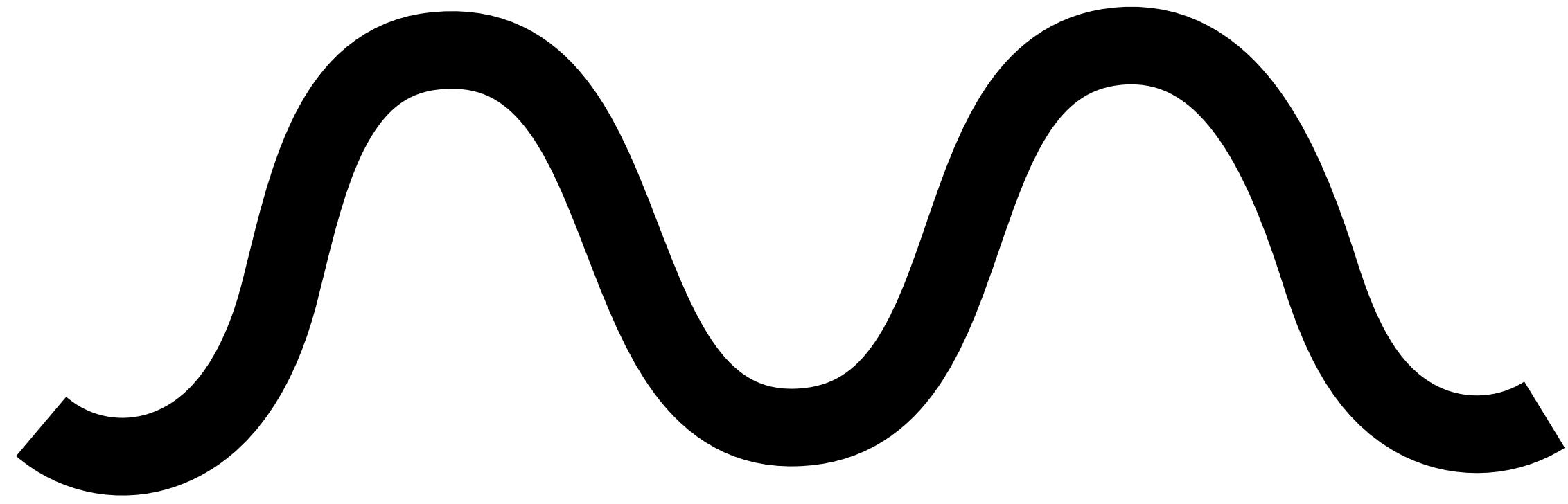
This is a noodle



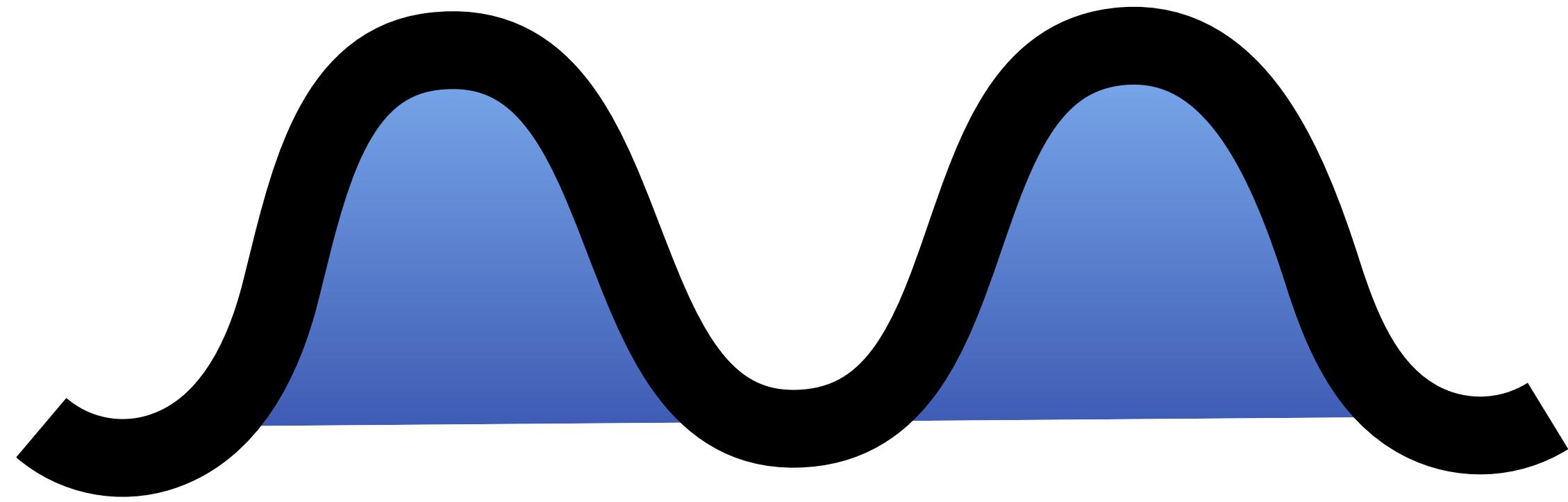
This is not McDonald's



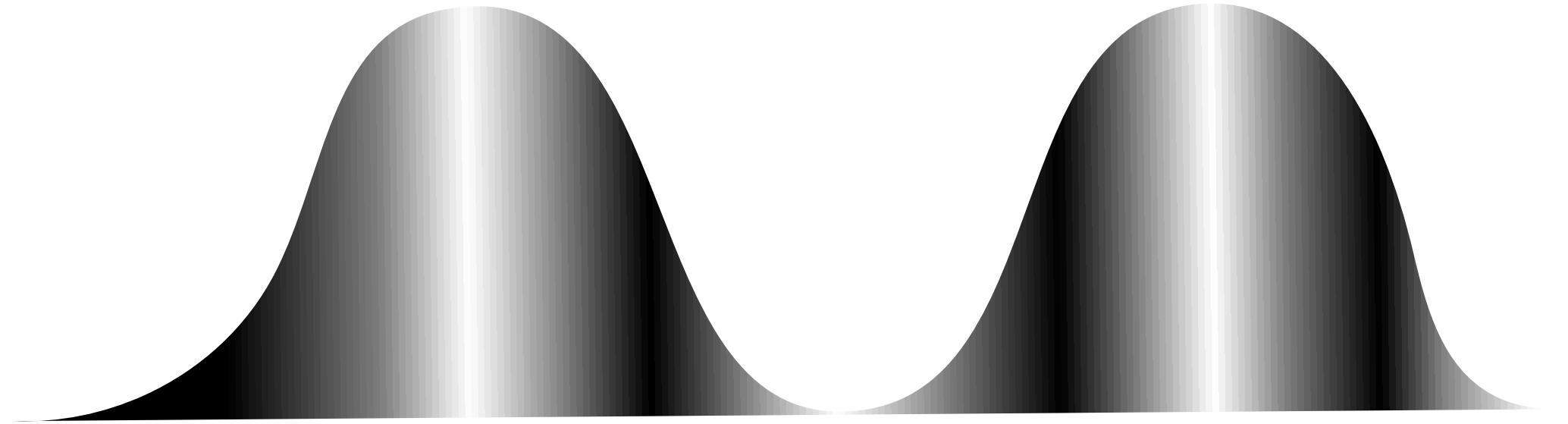
This is the string



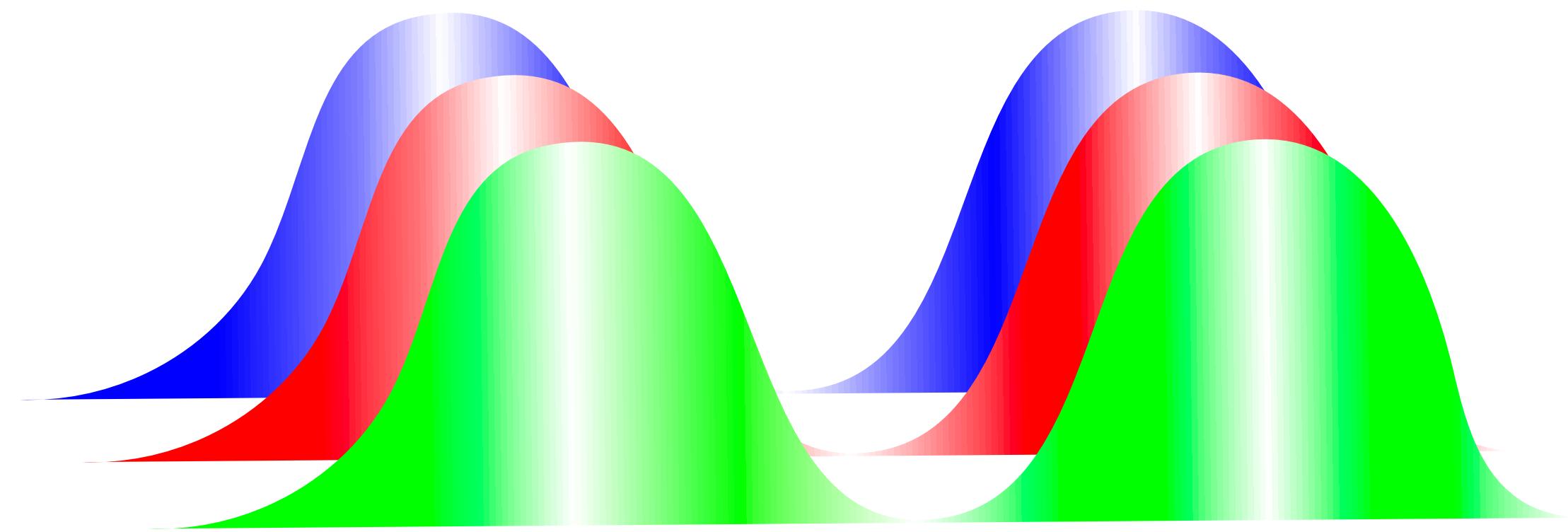
This is the sine wave



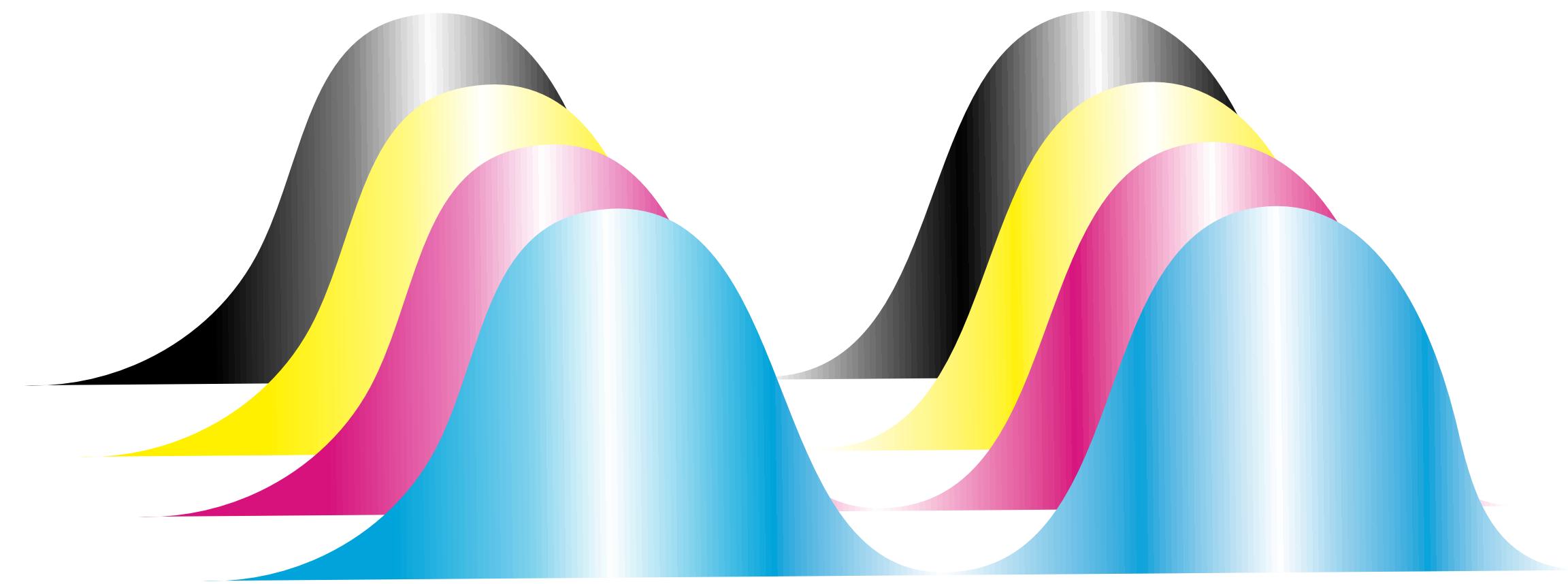
Like a sound



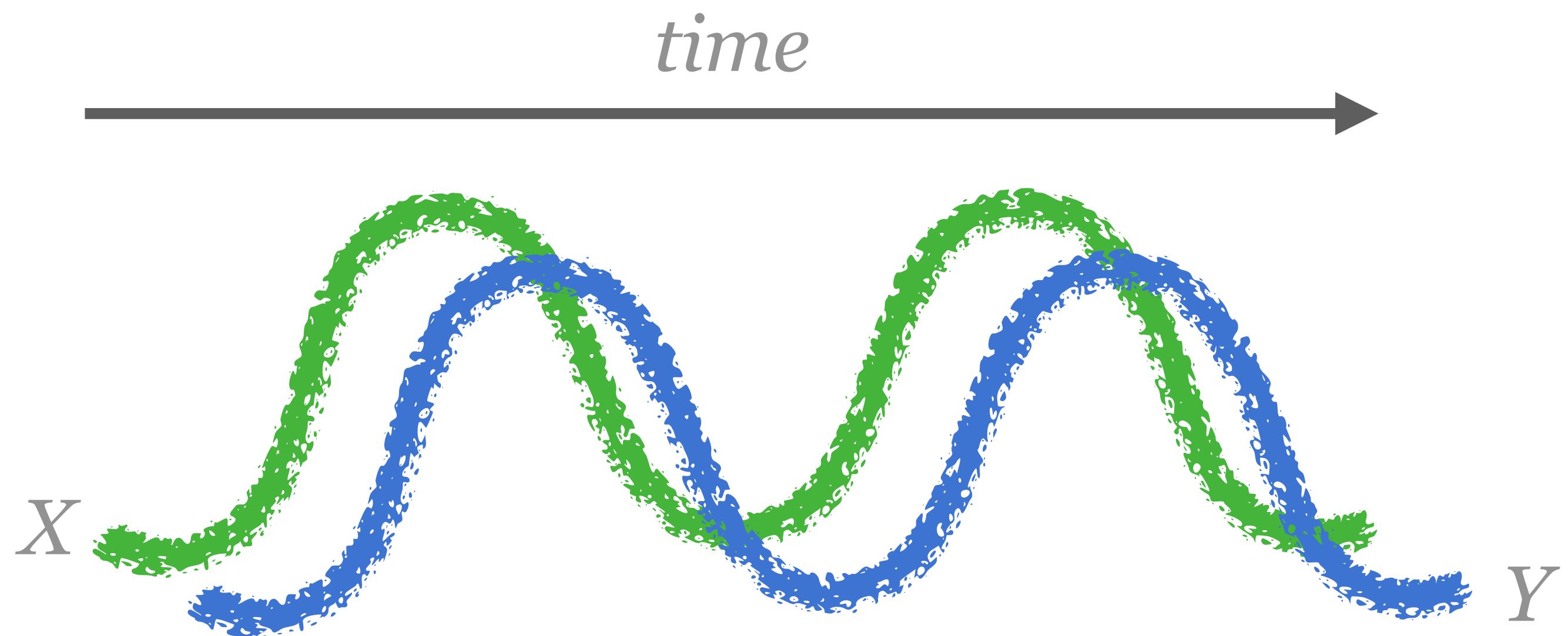
Or like colour



Or like colour



Or like colour



Or like some events



It's oscillating



This is a heartbeat

All of those are continuous  
flows of something

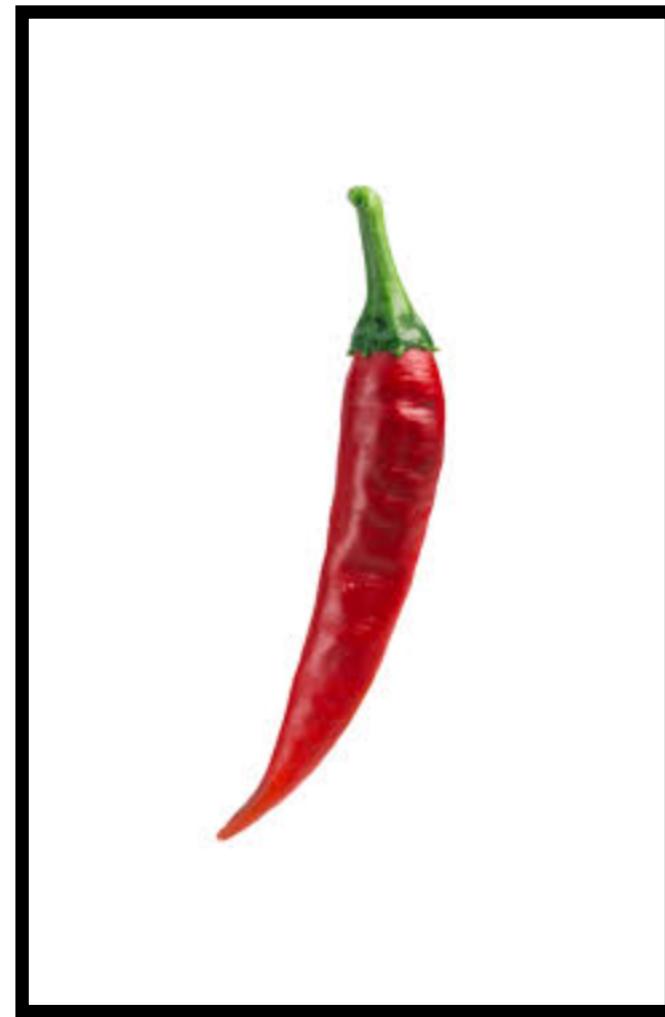
What if you would be able to  
connect some flows  
with other flows?

What if you would be able to  
connect some values  
with other values?

Could one  
create animation  
this way?

Sure you could!

Meet  Noodle



Node == function

[Demo]

# My Story

- **2004–2005: Delphi + MM Flash animation @ Research Institute;**
- 2005–2011: Front-end development in Java : Spring, Apache Wicket, GWT, some amounts of JavaScript etc.  
(music & generative art as a continuous hobby)
- 2011–2016: Animatron, GWT & writing JS player for animation (RPD, Noodle predecessor, as a hobby)
- 2016–....: JetBrains (gen. art as 20% hobby)
- 2019–....: Computational Arts at JetBrains

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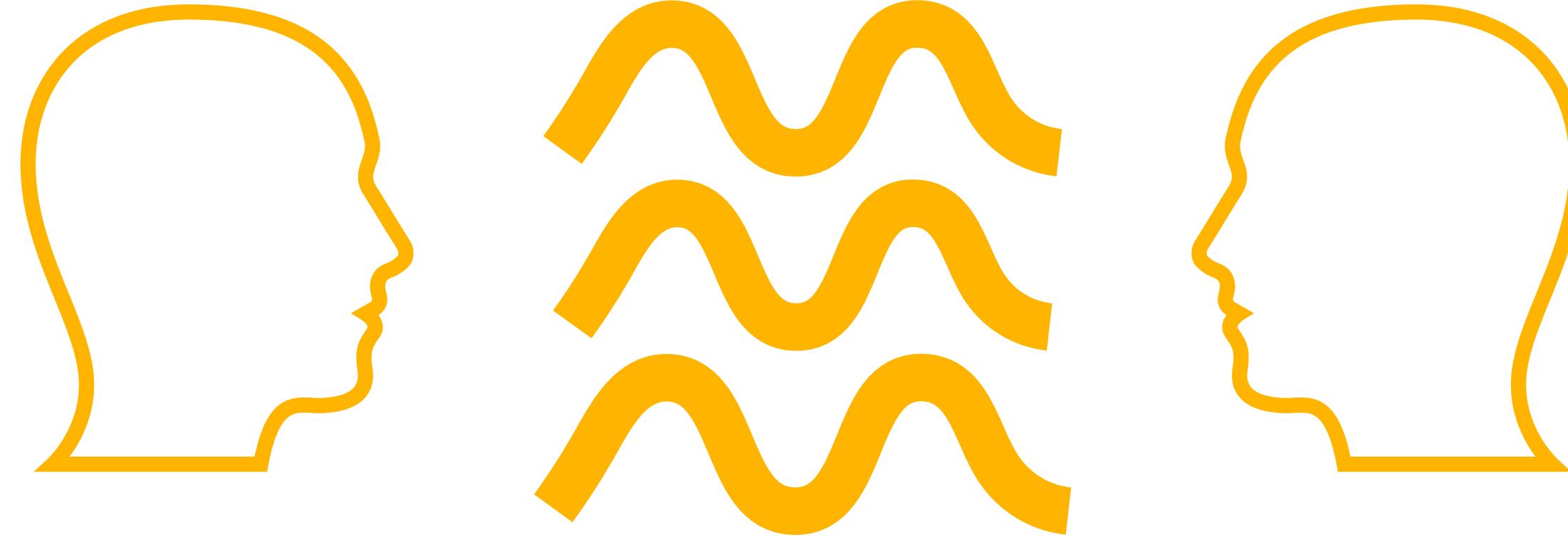
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<https://cai.jetbrains.com>



Noodle, because **noodles**  
are connecting things

huge thanks to Sergo for the name and tons of ideas for the development

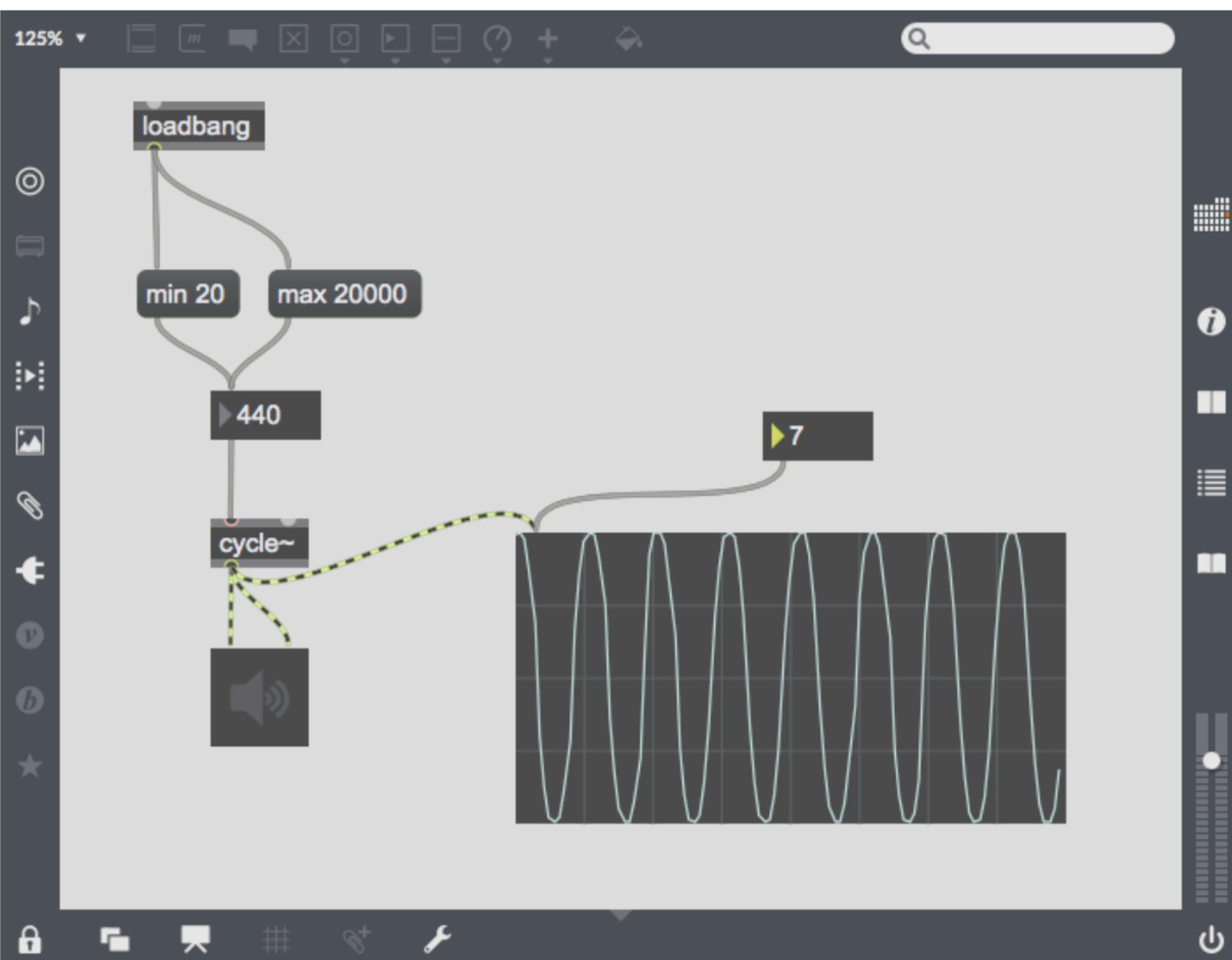


Noodle, because **noodles**  
are connecting people

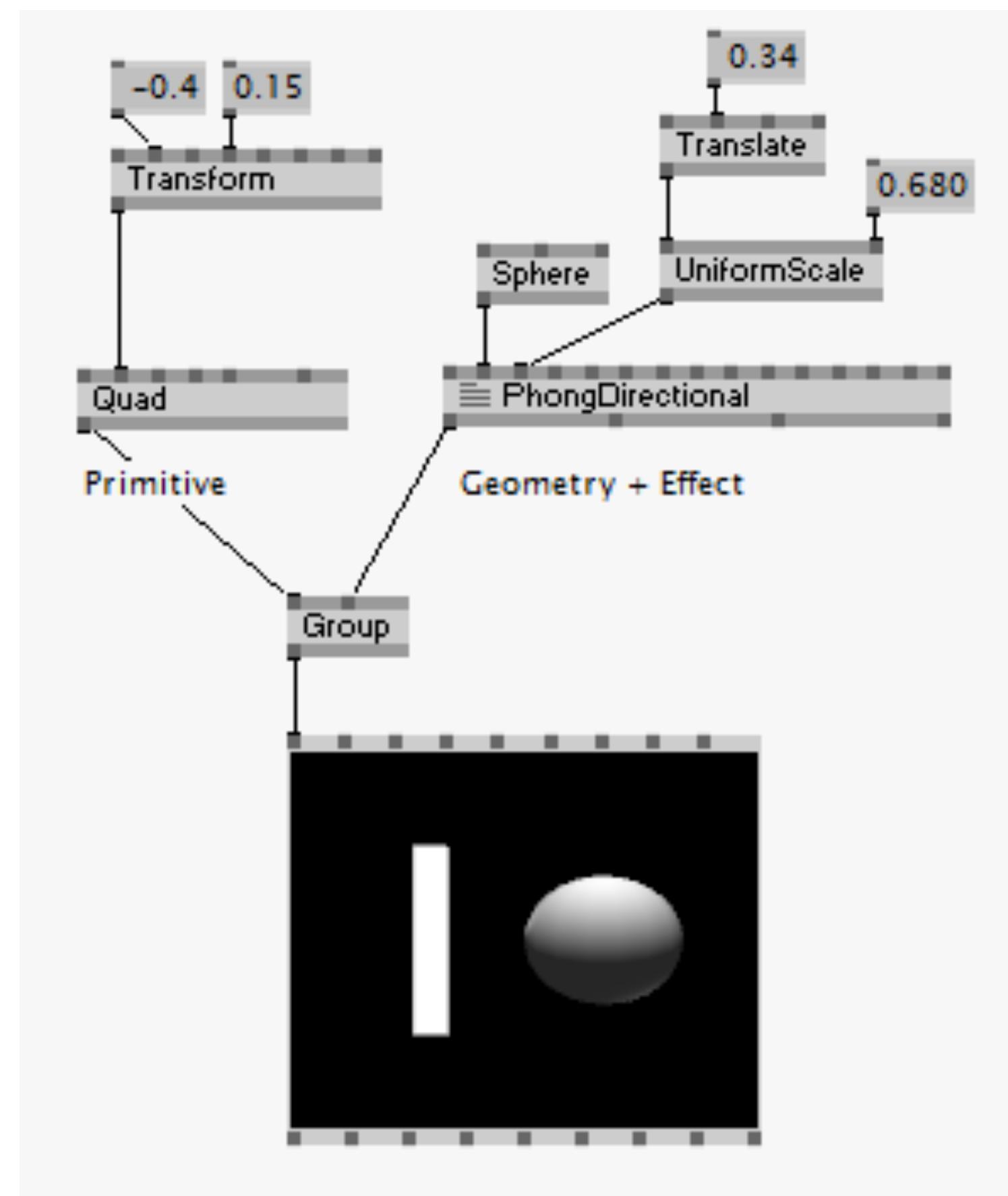
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# Similar products

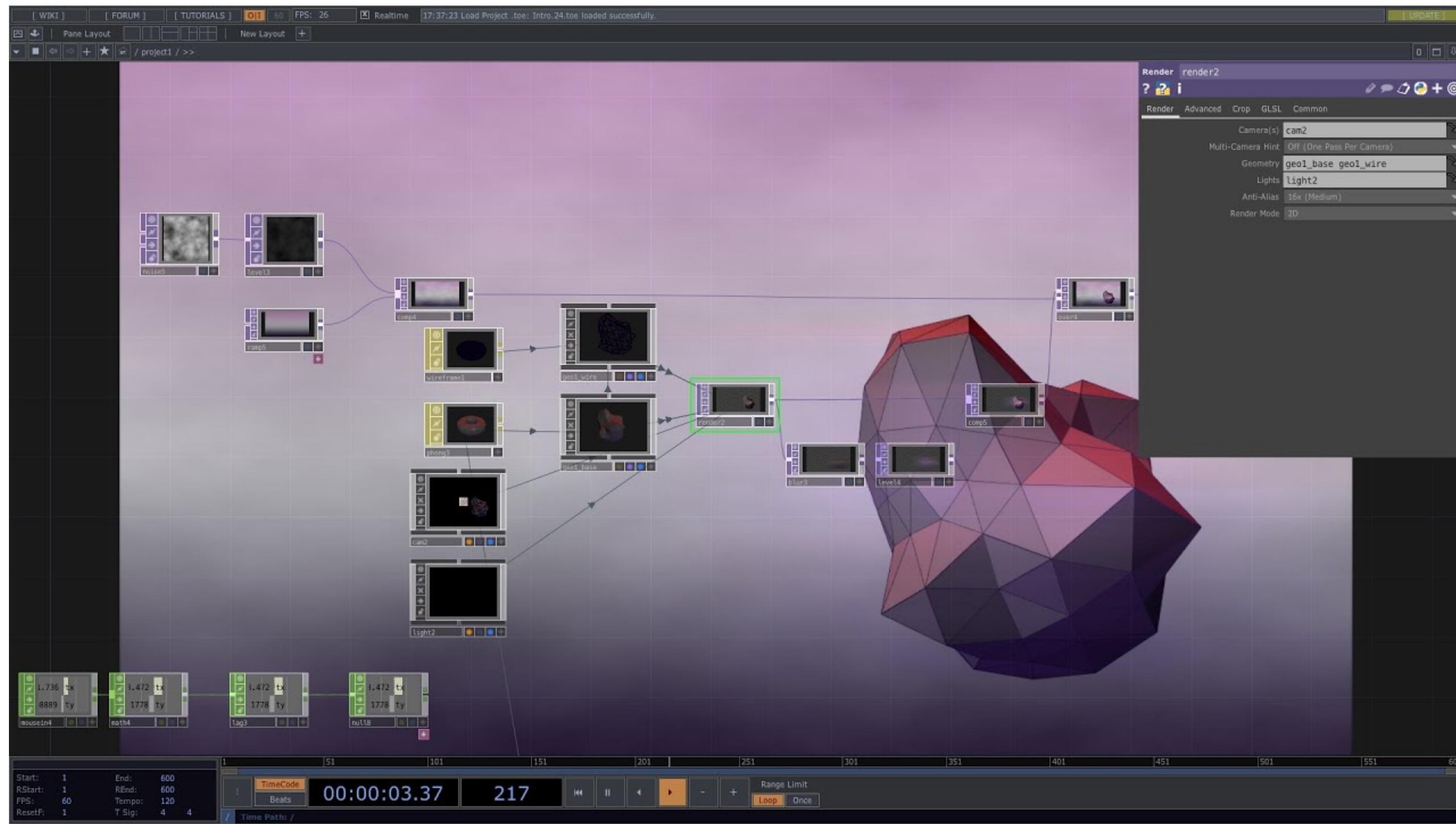
# Max / MSP by Cycle 47



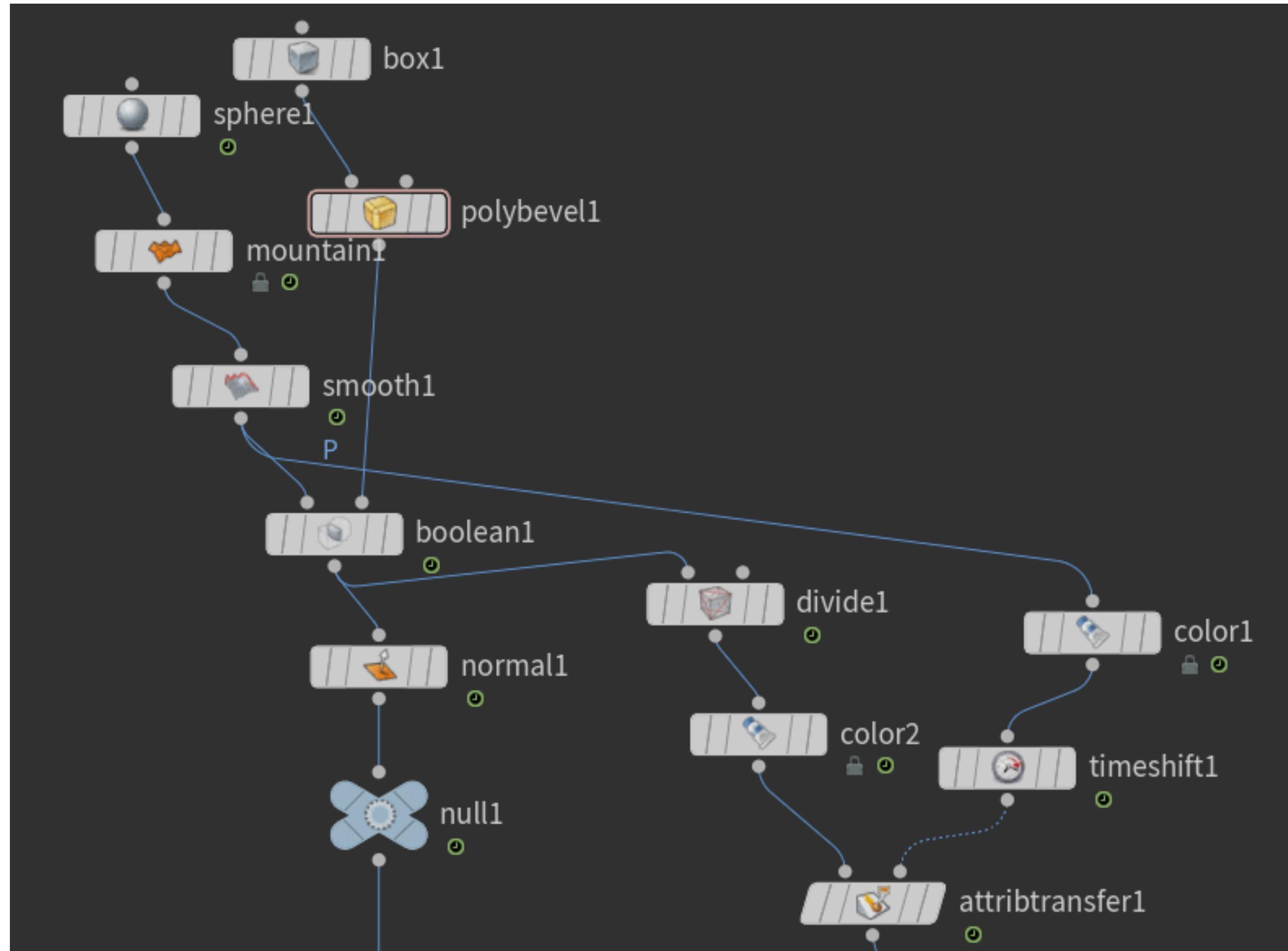
VVVV



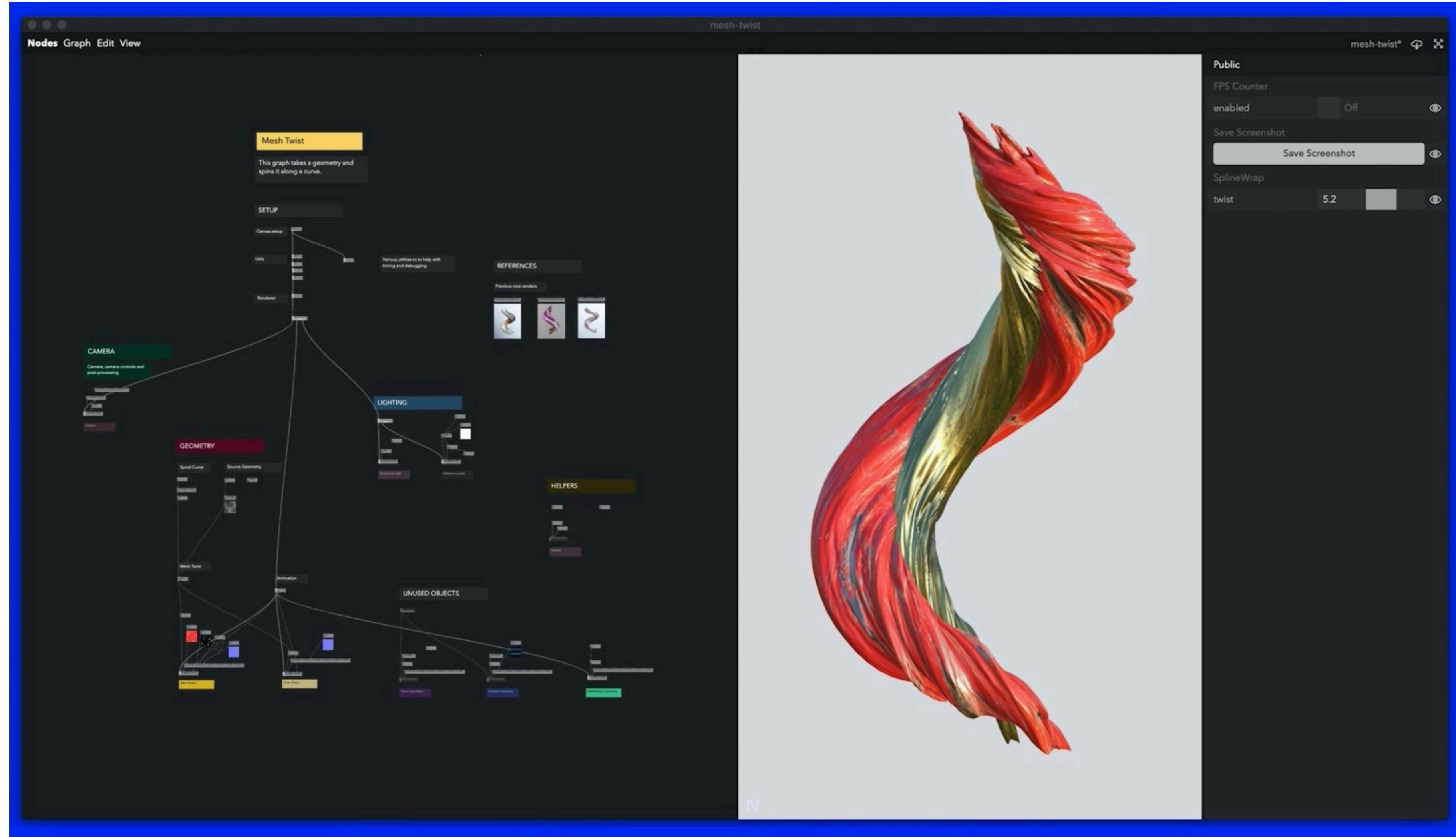
# TouchDesigner



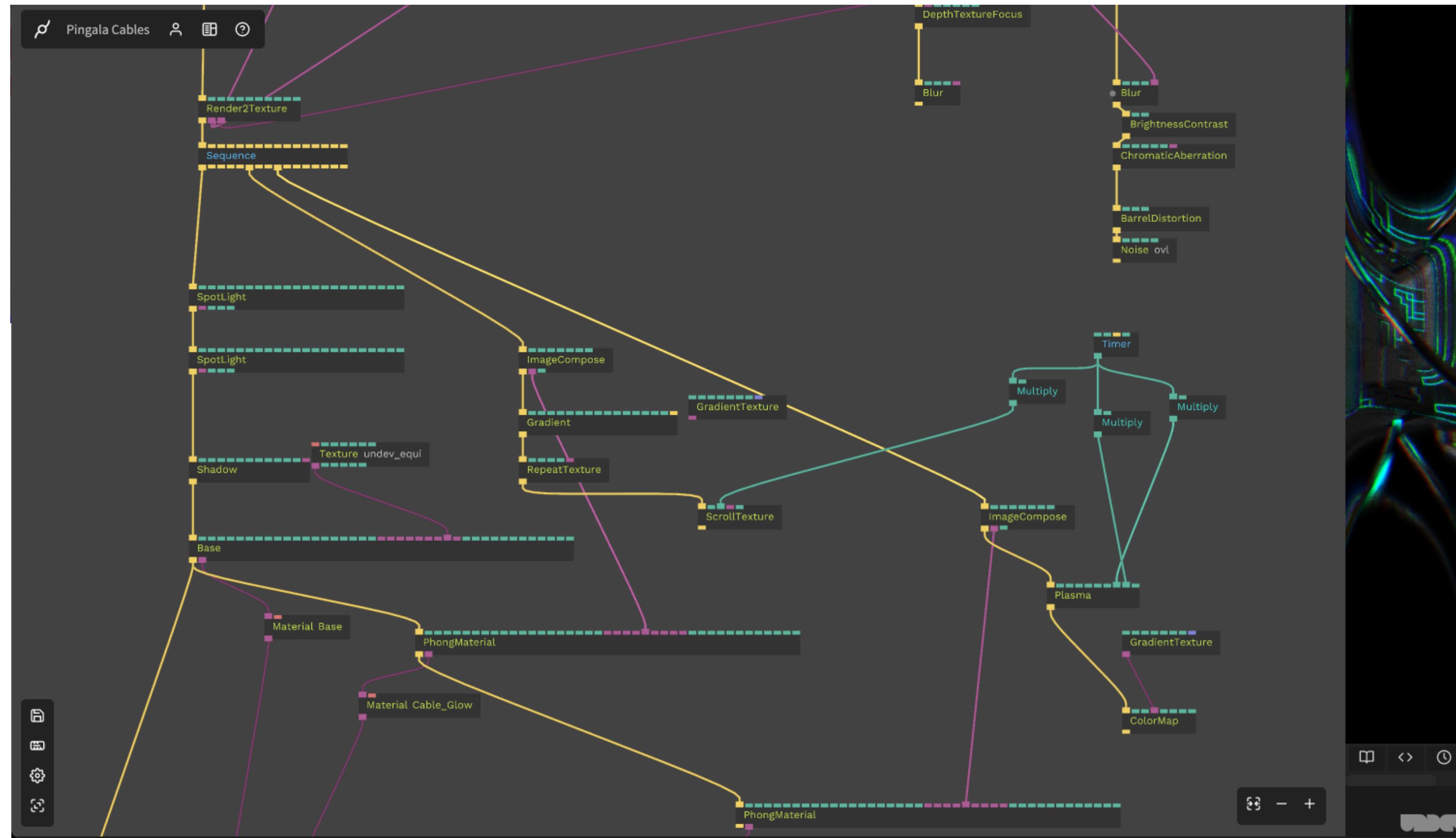
# Houdini SideFX



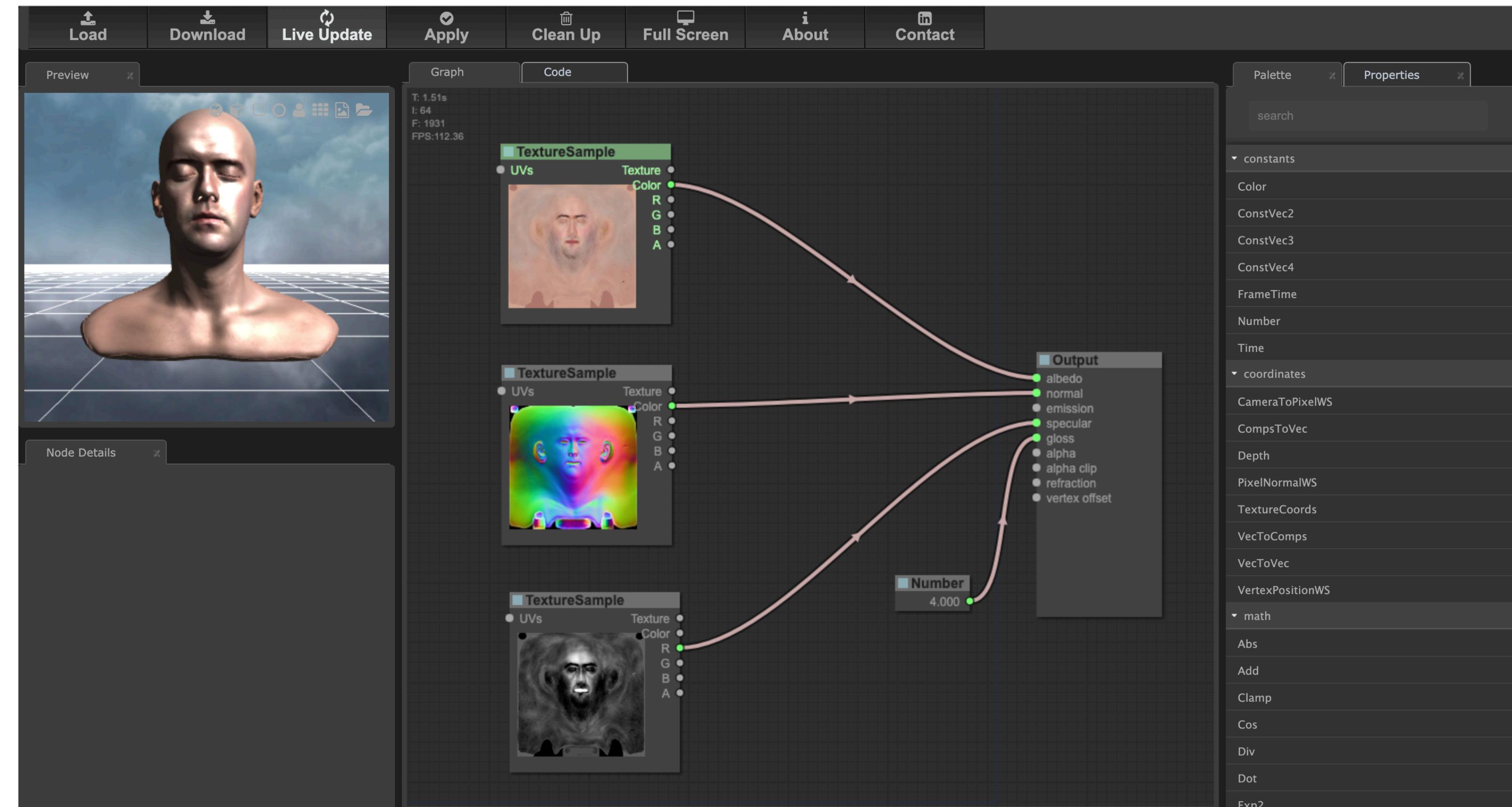
# nodes.io



# cables.gl



# and others...



# Design team in JetBrains:

- Motion Design;
- Printed and digital,  
static and moving backgrounds;
- Visual panels for conferences;
- Visual + audio feedback;

Noodle is:

- Free;
- Web;
- Custom styling;
- Easy to write plugins for;
- Written in PureScript, purely functional: algebraical & stable;

[https://github.com/  
computational-arts-initiative/  
noodle](https://github.com/computational-arts-initiative/noodle)

Thank you.