# Lab 5 Raphaël.js

# Assignment 2 Examples

#### NUMBER OF HARD ROCK CAFES 150 Asia 26 Australia & Oceania 5 Middle East & Africa 120 10 Europe South America 36 Caribbean 90 Mexico & Central America **United States & Canada** 10 60 10 30 54 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 YEAR 1971 1982 & 1983 1990 1999 2011 The first Hard Rock The first US and The first Signature Hard Rock's 40th Anniversary! Cafe opened in Asian locations Series T-shirt Pinktober breast London, England opened in Los debuted, designed cancer awareness Angeles & Tokyo, by Peter Max to initiative was respectively benefit ECO launched 1979 1985 1996 2007 Hard Rock Cafe Hard Rock Cafe The commemorative The Hard Rock collected its first International, Inc. Hard Rock pins Cafes & Hotels were consolidated memorabilia: Eric debuted was acquired by





55

Countries

New locations planned



74,000+

Pieces of rock & roll memorabilia collected



Hard Rock Cafe visitors per year



#### **\*\* London**

Location of the first and oldest Hard Rock Cafe



#### Orlando

Location of the Hard Rock headquarters and the largest Hard Rock Cafe

#### The Growth of Hard Rock Cafe (1971-2012)

Clapton's Red

Fender Lead II guitar

The chart above shows the growth of Hard Rock Cafe around the world over time, broken down by geographic regions. The data only takes Hard Rock Cafes into account-other Hard Rock venues (such as Hard Rock Live and Hard Rock Hotel & Casino) are excluded.

#### INFO 247 :: Assignment #2 :: Raymon Sutedjo-The

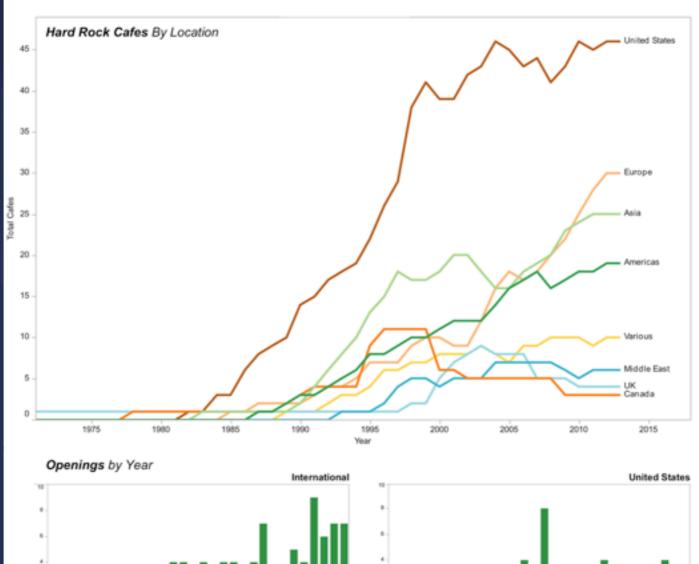
the Seminole Tribe

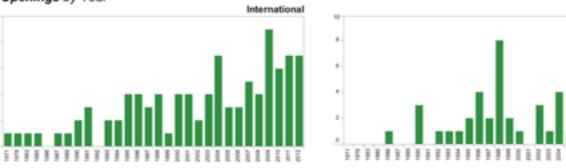
of Florida

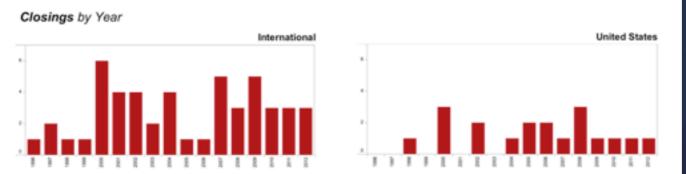
SOURCES

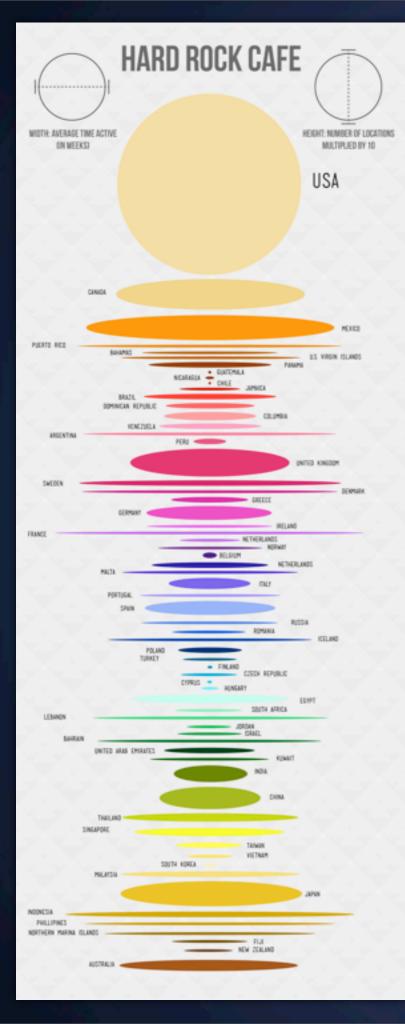
under one company

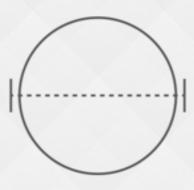
http://www.hardrock.com/corporate/history.aspx http://www.hardrock.com/locations.aspx http://en.wikipedia.org/wiki/Hard\_Rock\_Cafe





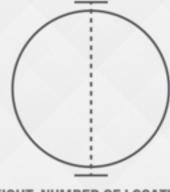






WIDTH: AVERAGE TIME ACTIVE (IN WEEKS)

## HARD ROCK CAFE



HEIGHT: NUMBER OF LOCATIONS Multiplied by 10

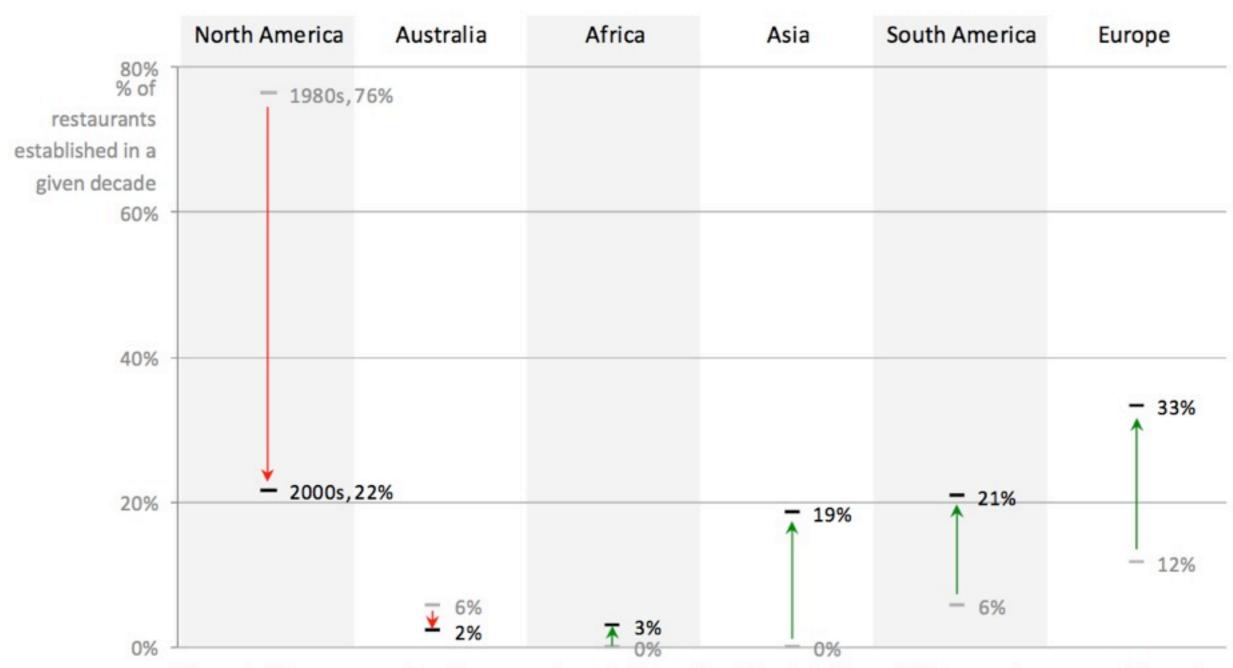


Figure 1. Change over time in proportion of all new Hard Rock Café establishments by geographic region.

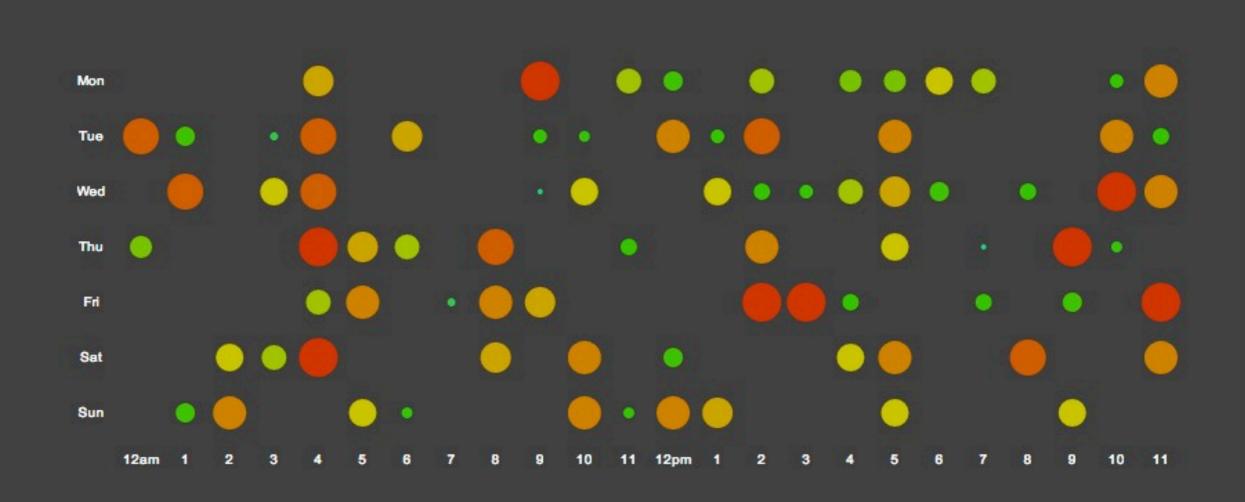
# Raphaël.js



http://raphaeljs.com/

## Raphaël.js

What it's used for



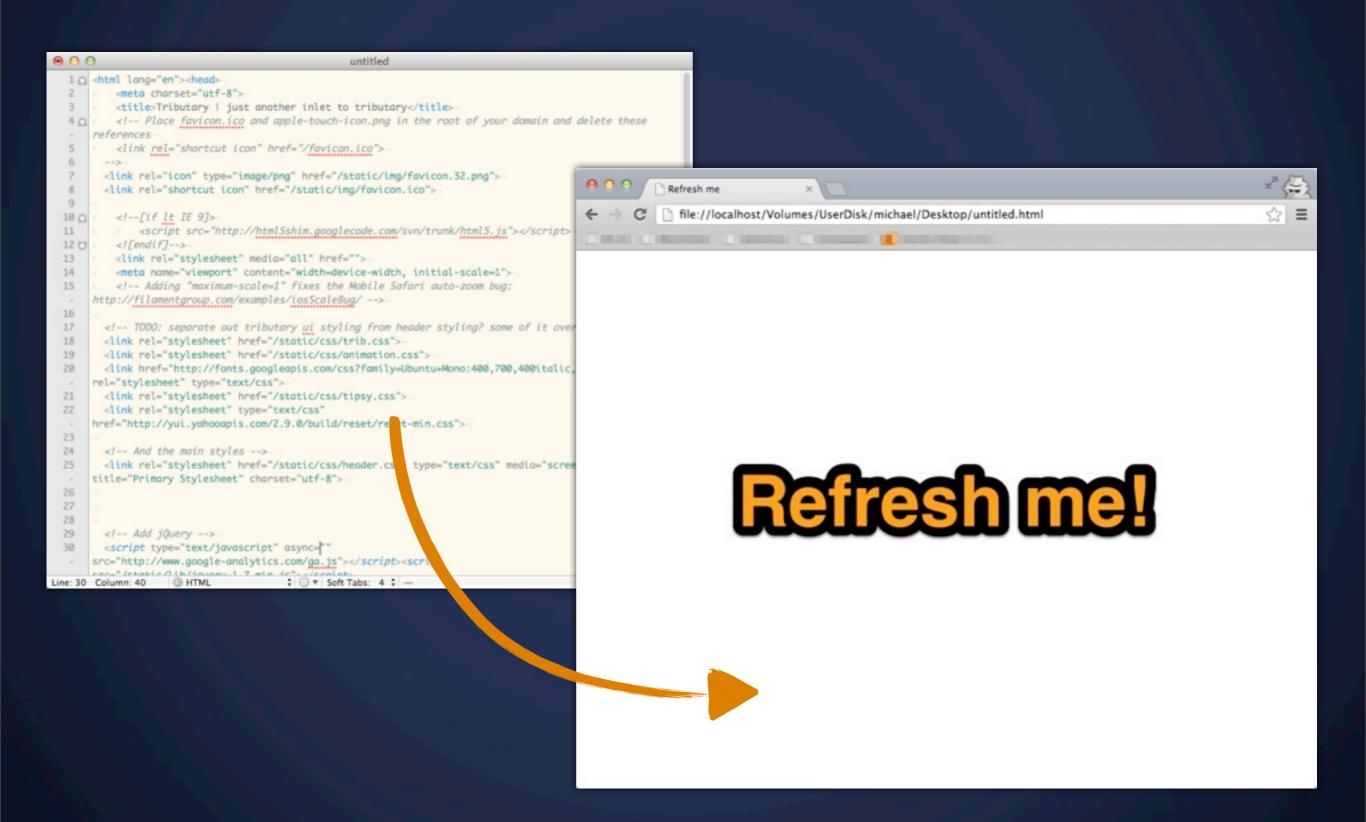
## Raphaël.js

Reference / Examples / Documentation

http://raphaeljs.com/reference.html

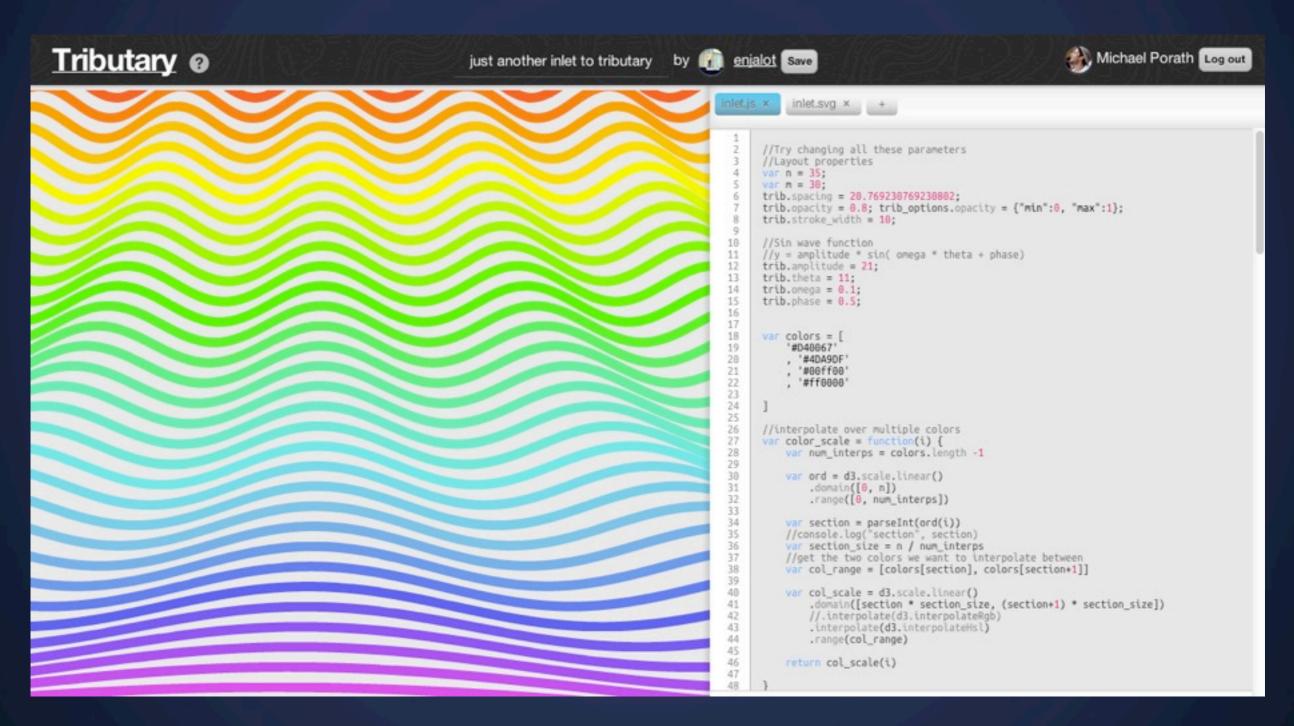
## Traditional Development

Text Editor and Browser



# Tributary

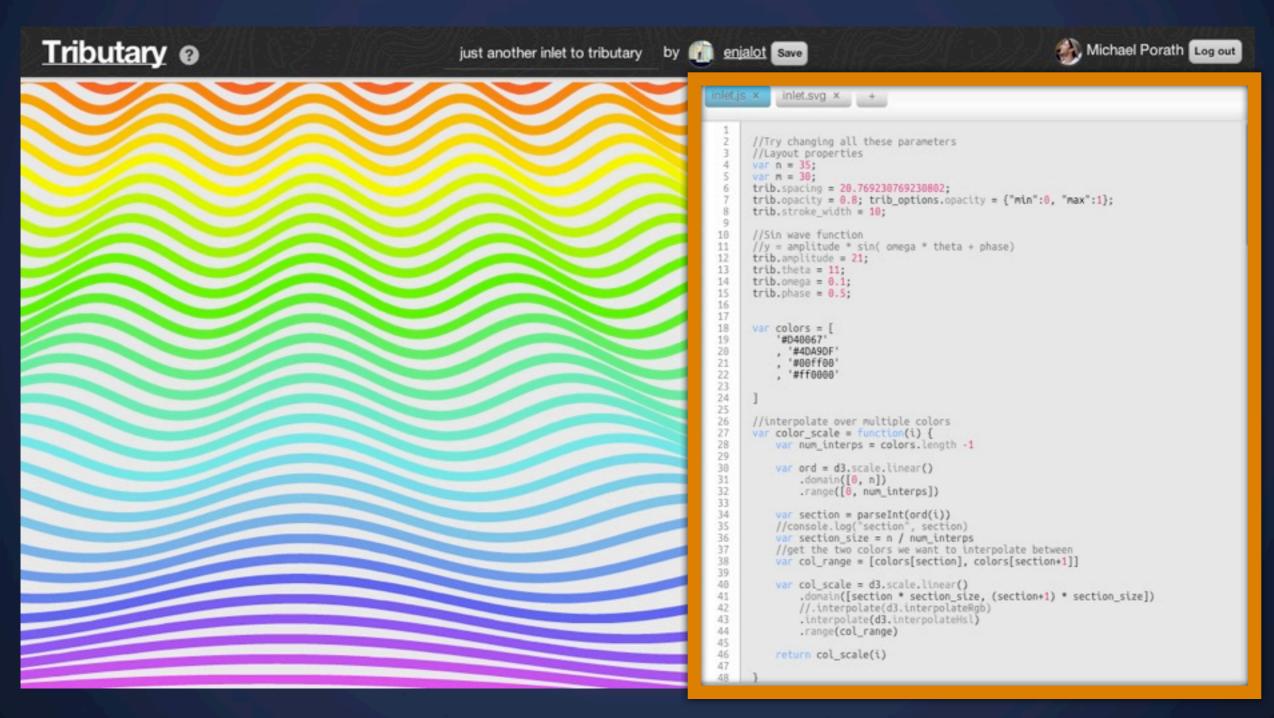
**In-Browser Editor** 



http://tributary.io

# Tributary

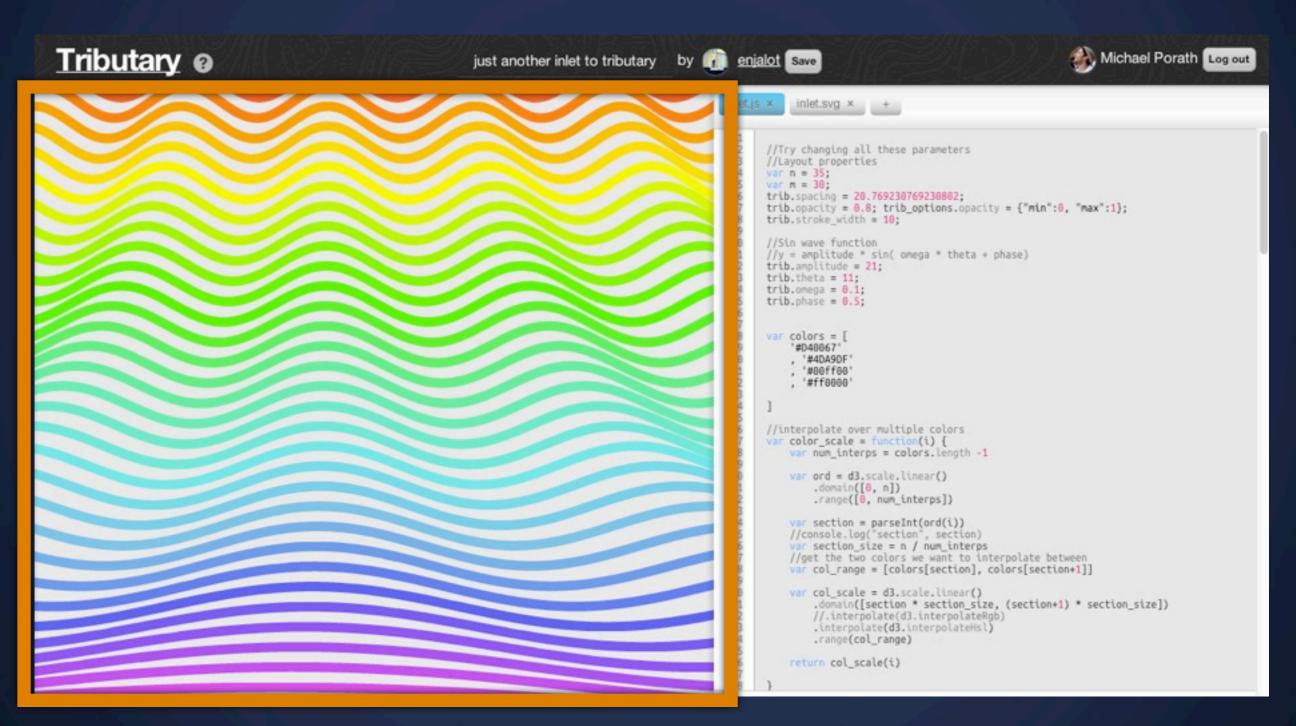
**In-Browser Editor** 



http://tributary.io

# Tributary

**In-Browser Editor** 



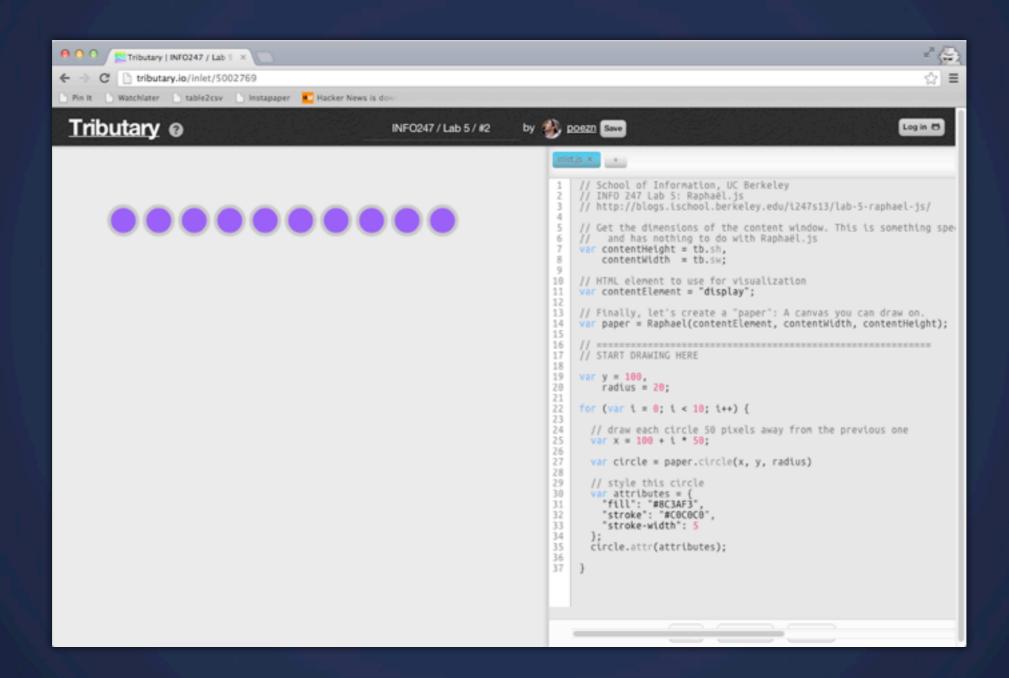
http://tributary.io

### Your Turn - Exercise 1

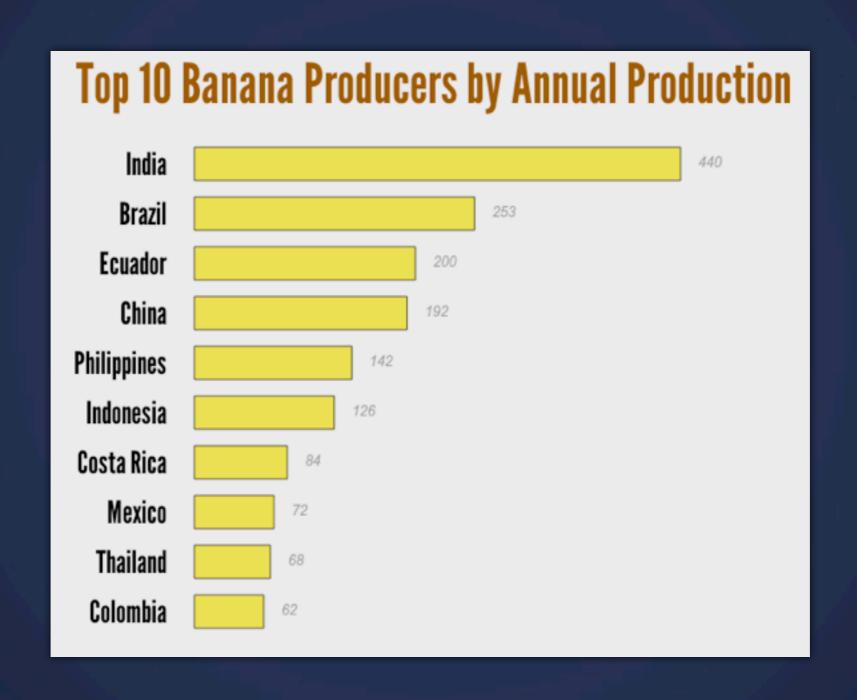
Blank Slate

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                                                                                // School of Information, UC Berkeley
// INFO 247 Lab 5: Raphaël.js
                                                                                // http://blogs.ischool.berkeley.edu/i247s13/lab-5-raphael-
                                                                                // Get the dimensions of the content window. This is someth
                                                                                // and has nothing to do with Raphaël.js
                                                                                var contentHeight = tb.sh,
                                                                                    contentWidth = tb.sw;
                                                                           10 // HTML element to use for visualization
                                                                                var contentElement = "display";
                                                                           13 // Finally, let's create a "paper": A canvas you can draw or
                                                                           14
                                                                                var paper = Raphael(contentElement, contentWidth, contentHe
                                                                           16
                                                                                // START DRAWING HERE
                                                                           18
                                                                           19
                                                                               // Let's draw a circle!
                                                                               // Here's how you do it:
// http://raphaeljs.com/reference.html#Paper.circle
                                                                                                     Add libraries Fullscreen
```

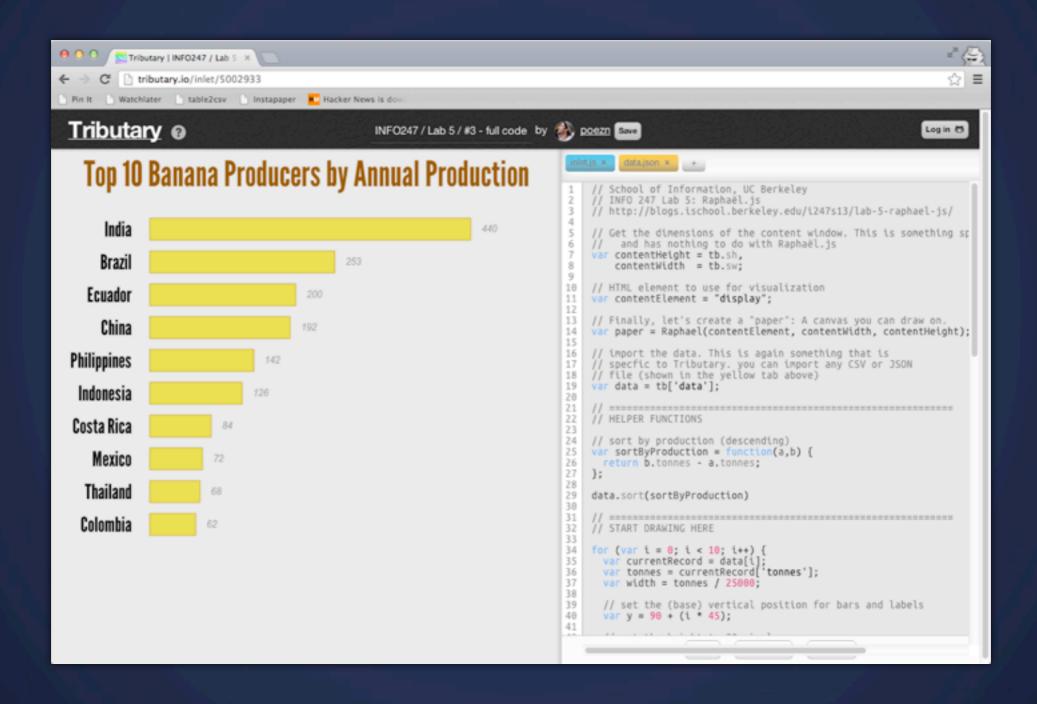
Data driven properties



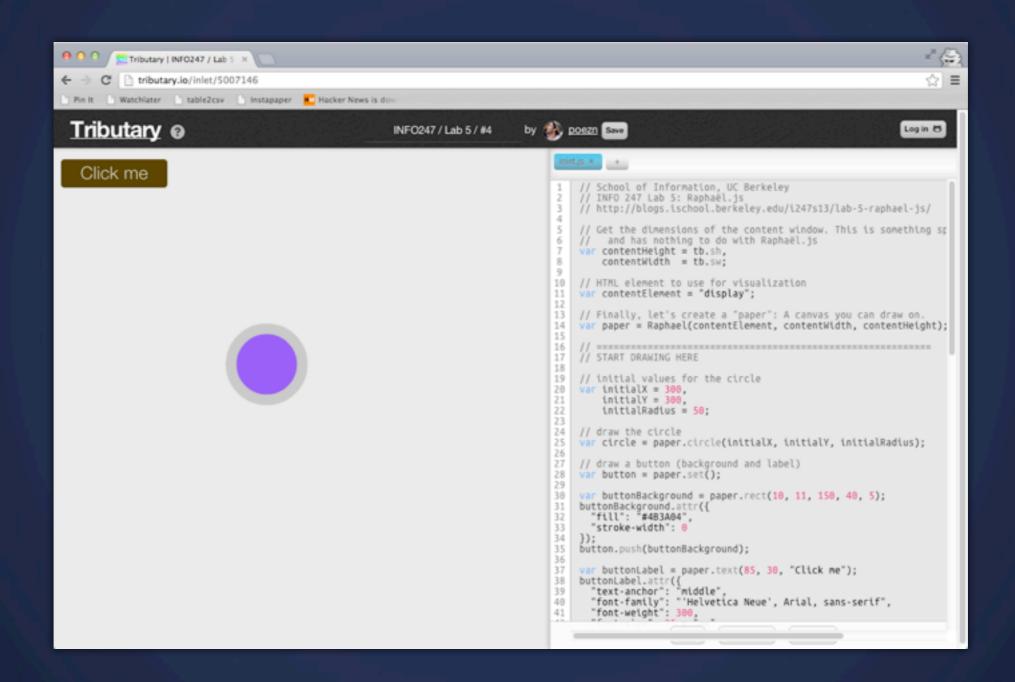
**Bar Chart** 



Bar Chart: Full Code



**Animations** 



Bar chart with Animations



# **Tributary**Google Groups

https://groups.google.com/forum/#!forum/tributary

# Next Lecture Color