

Data-Driven Generative Art Using processing.py

Allison G. Martínez-Arocho

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- Notorious for telling bad jokes

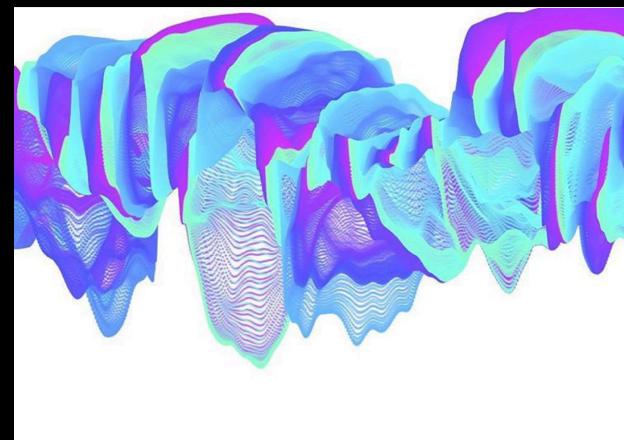
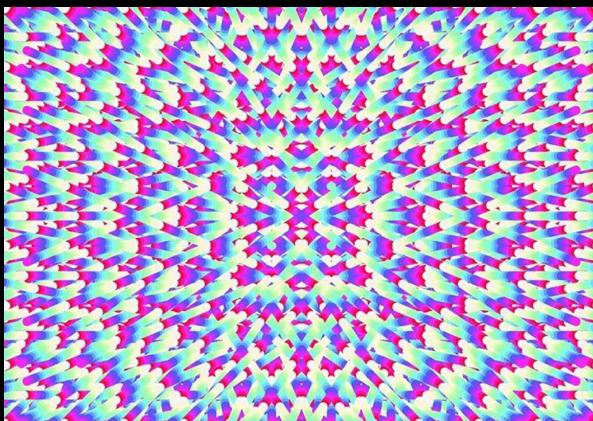
Generative Art

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-Philip Galanter



Art by Irena Rindos

Data-Driven Generative Art

- Art that is created with processes that are informed by data

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Art by Irena Rindos

Processing (processing.org)

- Programming language, and development environment



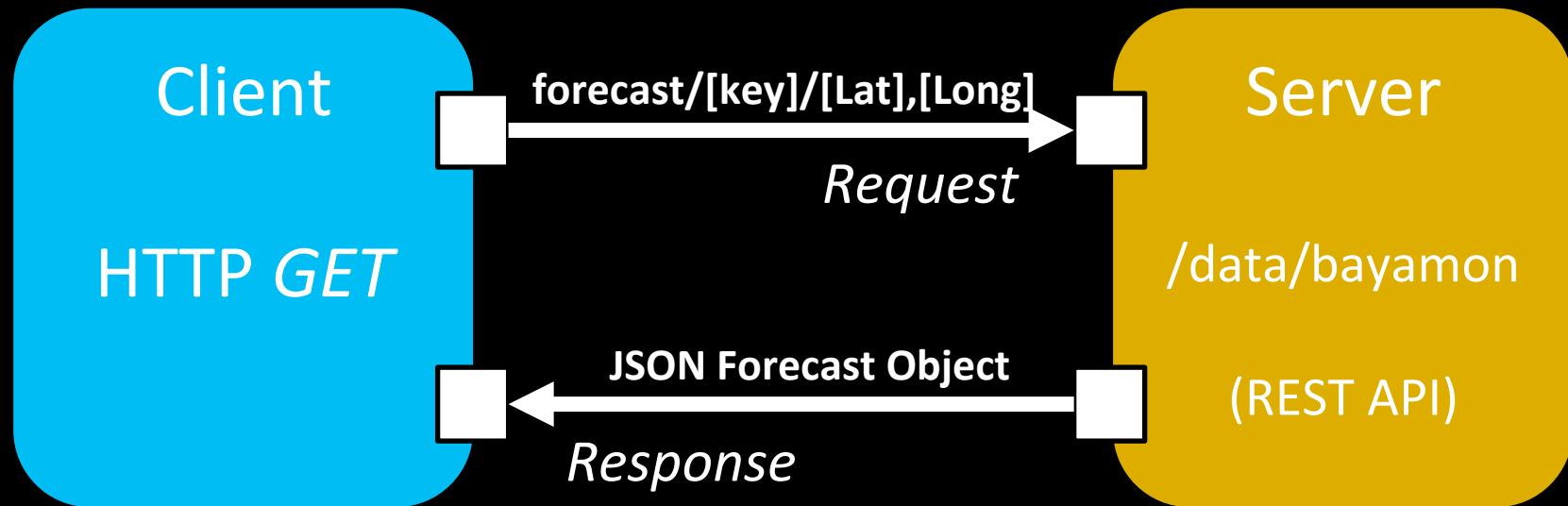
Processing (processing.org)

- Programming language, and development environment
- Has promoted software literacy within the visual arts and visual literacy within technology



APIs in a nutshell...

a very small nutshell



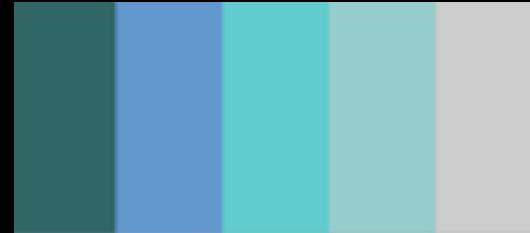
- Today's data: <https://darksky.net/dev/docs>
- About APIs: <https://www.codecademy.com/apis>

Let's get ready to make art!

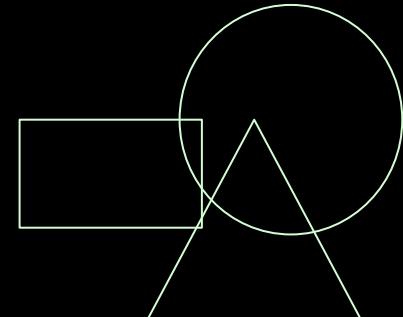
- Go to:
<https://github.com/arocho/generative-art>
- Or go to the PyCaribbean Slack #gen-art channel
- Install Processing, and open the pc_ws.pyde file

Modify, and make it your own

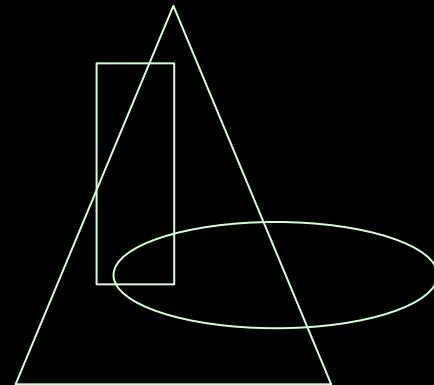
- Look for different colors: (color-hex.com)



- Use different shapes: `ellipse()`, `rect()`, `triangle()`



- Change the widths and height of your shapes



SHARE!

THANKS A BUNCH!

QUESTIONS?

Allison G. Martínez Arocho

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