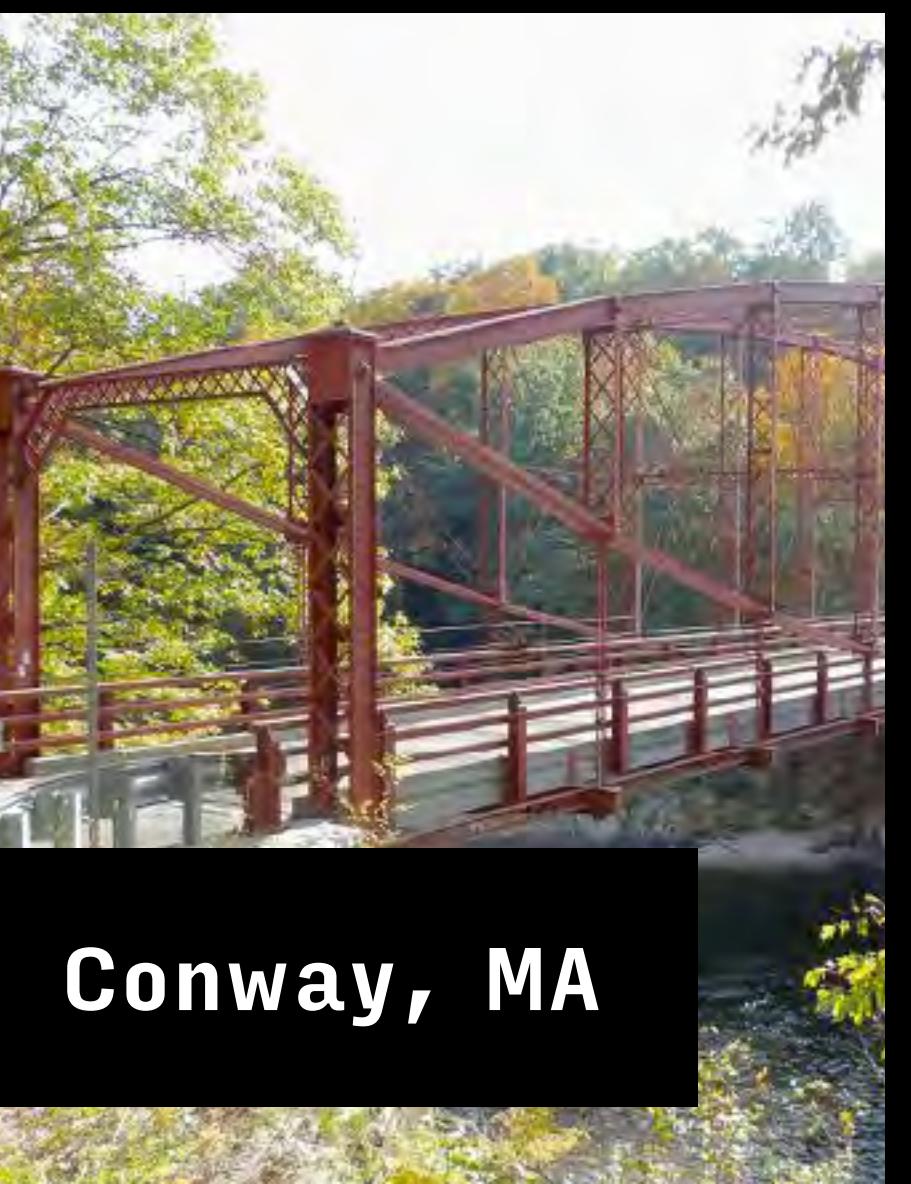


Greetings from



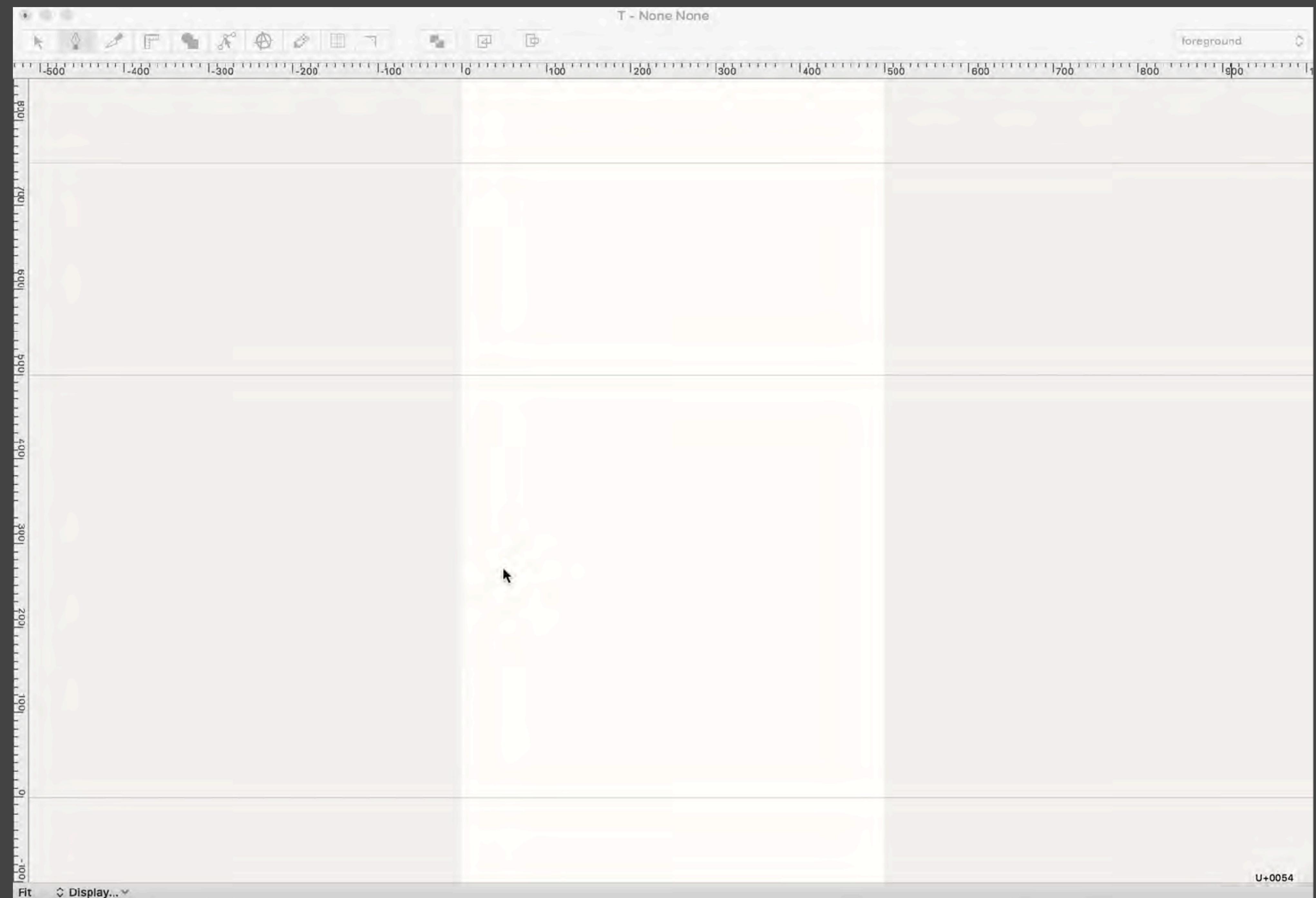
16199

B-3



Conway, MA

Absolutely  
everything I know  
about Python is  
because of fonts.



The screenshot shows a web browser window for the URL <https://djr.com>. The page features a black header bar with the text "DAVID JONATHAN ROSS" on the left and "TYPEFACES", "CLUB", "NOTES", and "ABOUT" on the right. Below this is a light blue grid background. On the left side, there is a white rectangular box containing the "FONT OF THE MONTH CLUB" logo, which consists of the words "FONT", "OF THE", "MONTH", and "CLUB" stacked vertically in a bold, sans-serif font, with horizontal red bars separating the words. To the right of this box, a white callout box contains the text: "Join my Font of the Month Club to get a fresh new font in your inbox each and every month. Starting at only \$6/month!". At the bottom of the page, the text "GIMLET X-RAY > Discover the inner-workings of a variable font" is displayed above a complex diagram titled "GIMLET X-RAY". This diagram is a visual representation of a variable font's internal structure, showing multiple outlines for each letterform across different weight or style variations. The outlines are composed of purple points connected by lines, forming intricate loops and shapes.

The screenshot shows a web browser window for the website [fontofthemonth.club/](http://fontofthemonth.club/). The page features a large, bold, black title "FONT OF THE MONTH CLUB" centered on a white background. Below the title, a red button reads "START YOUR MEMBERSHIP TODAY!". To the right of this button, another red button says "Or give a gift subscription to your favorite font lover!". At the bottom left, there's a section for "THIS MONTH'S FONT" featuring the font "Klooster Thin" with the description "Taking the uncial in new directions". On the right side, there are buttons for "JOIN TODAY! \$6" and "MORE". The top navigation bar includes links for "TYPEFACES", "CLUB", "ABOUT", "NOTES", "Sign In", and "Cart". A search bar is also present at the top.

Font of the Month Club | David

fontofthemonth.club/

DAVID JONATHAN ROSS

TYPEFACES CLUB ABOUT NOTES Sign In Cart

Search

# FONT OF THE MONTH CLUB

JOIN THE CLUB!

Font of the Month Club sends you a fresh new font every single month! Fonts of the month include distinctive display faces, experimental designs, and exclusive previews of my upcoming retail typeface families. Each font is lovingly designed and produced by me, David Jonathan Ross.

By diversifying your font collection at a minimal cost, the club can push you to try new and interesting type in your work.

START YOUR MEMBERSHIP TODAY!

Or give a gift subscription to your favorite font lover!

THIS MONTH'S FONT

Klooster Thin  
Taking the uncial in new directions

JOIN TODAY! \$6 MORE

KLOOSTER THIS IS A DE

The screenshot shows the homepage of typenetwork.com. At the top, there's a navigation bar with links for 'TypeNetwork', 'Fonts', 'Custom', 'News', 'Gallery', 'Account', 'Saved', and 'Cart'. Below the navigation is a search bar and a 'WELCOME TO TYPE NETWORK' message. The main headline reads 'What's your type strategy?'. A paragraph below it explains that Type Network brings together independent type designers and foundries from around the world, encouraging users to dig into their library for various projects. To the left, a sidebar lists 'FOUNDRIES' including Adobe Originals, ATF Collection, Bold Monday, Brody Fonts, CabargaType, Carter & Cone, CJ Type, CSTM Fonts, DJR, Font Bureau, Frere-Jones Type, GarageFonts, Greg Thompson, Ivy Foundry, Kerns & Cairns, Kontour, Lipton Letter Design, Ludwig Type, Mark Simonson, Monokrom, MVB Fonts, Newlyn, Occupant Fonts, Plau, Retype, Revolver Type Foundry, supertype, and Type-Ø-Tones. On the right, there's an advertisement for the Sweet Collection, which has moved to MVB Fonts, and another for Pantographic Inc. featuring 'ENGRAVED LETTERING' and 'MACHINE LEARNING'.

SEARCH

Look up a family

FOUNDRIES

- Adobe Originals
- ATF Collection
- Bold Monday
- Brody Fonts
- CabargaType
- Carter & Cone
- CJ Type
- CSTM Fonts
- DJR
- Font Bureau
- Frere-Jones Type
- GarageFonts
- Greg Thompson
- Ivy Foundry
- Kerns & Cairns
- Kontour
- Lipton Letter Design
- Ludwig Type
- Mark Simonson
- Monokrom
- MVB Fonts
- Newlyn
- Occupant Fonts
- Plau
- Retype
- Revolver Type Foundry
- supertype
- Type-Ø-Tones

WELCOME TO TYPE NETWORK

# What's your type strategy?

Type Network brings together some of the most exciting independent type designers and foundries from around the world. Dig into our [library](#) to find the right type for your next project—from branding to editorial design to websites and apps.

Read the news about our foundry partners, fonts, and more! >

**Sweet Collection**

Legacy reinterpreted! The beloved American Type Founders Collection, that inspired countless typefaces, have been updated to digital life and modern requirements by Mark van Bronkhorst.

[View Sweet Collection >](#)

# RELOCATION

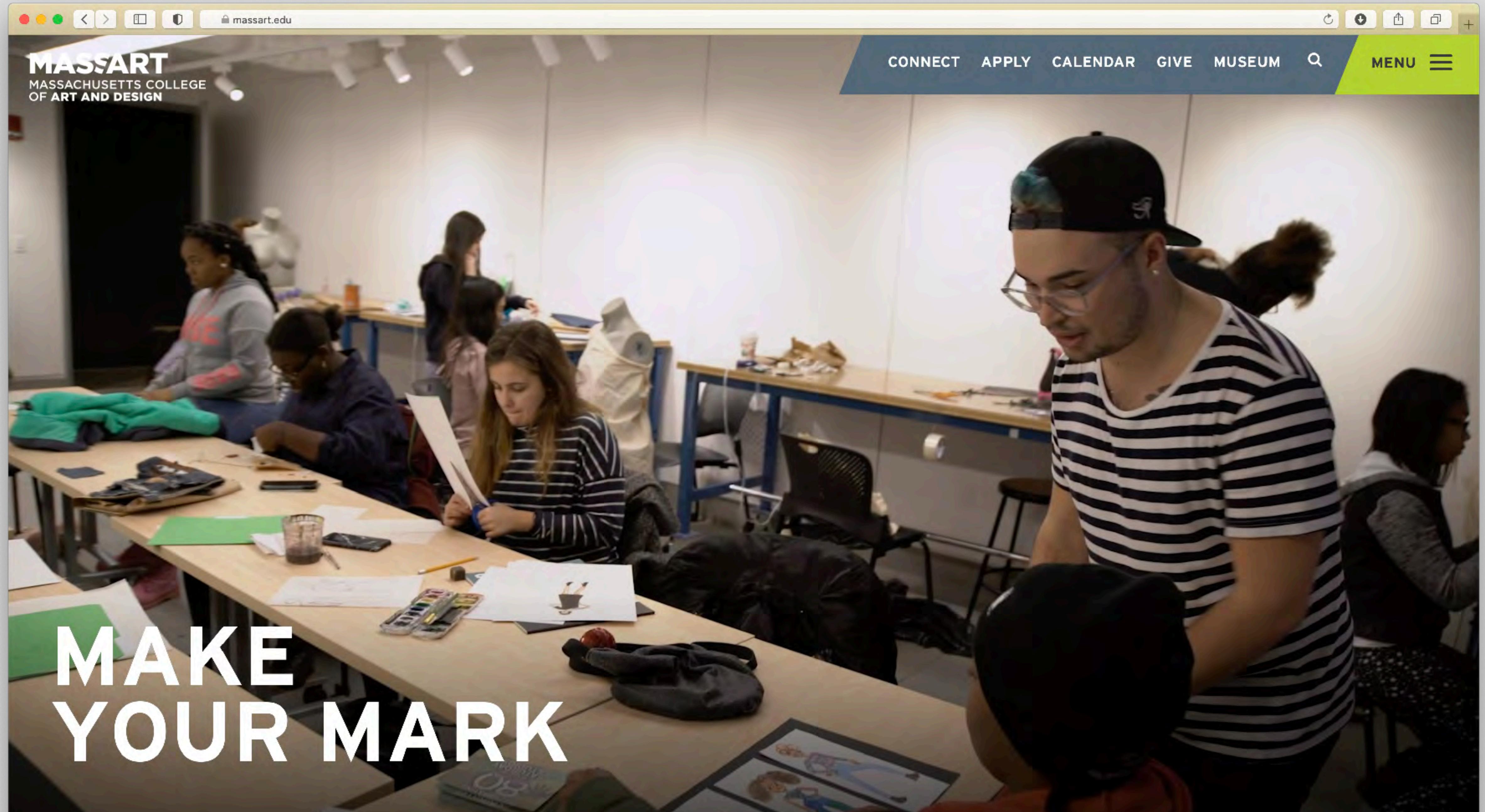
The Sweet Collection is now part of **MVB Fonts**

AVAILABLE AT TYPE NETWORK

**ENGRAVED LETTERING**  
PANTOGRAPHIC INC.

**MACHINE LEARNING**

**SWEET**



The screenshot shows a web browser window displaying the Type@Cooper website. The page features a large, stylized title 'Type@Cooper' in black and blue font. To the left of the title is a graphic of several red circles of varying sizes, some containing small green dots. Below the title is a subtitle: 'The Continuing Education Department of The Cooper Union offers a Postgraduate Certificate in Typeface Design.' A detailed description of the program follows, mentioning top industry professionals leading a study of typeface design principles. At the bottom, it states that participants leave with specialized skills for digital typeface design. The browser's address bar shows 'Not Secure — coopertype.org' and the page title 'Type@Cooper — Typeface Design certificate program from Cooper Union'. The navigation menu includes links for Home, Extended Program, Condensed Program, Lecture Series, Public Workshops, Instructors, and FAQ.

Typeface Design certificate program from Cooper Union

Home Extended Program Condensed Program Lecture Series Public Workshops Instructors FAQ

# Type@ Cooper

The Continuing Education Department of The Cooper Union offers a Postgraduate Certificate in Typeface Design.

Top industry professionals lead a highly focused and comprehensive study of key typeface design principles: technique, technology, aesthetics, expression, history, and theory. Students explore the foundation of typography in depth by creating their own typefaces in hands-on classes, while developing a broad understanding of the field through lectures, discussions, and research. Electives are offered each term, focusing on topics such as pen and brush lettering, Python programming, and advanced tools for font development. A series of guest lectures round out the curriculum, allowing students deeper insight into specific relevant topics.

Participants leave the program with the specialized skills to design professional-quality digital typefaces and lettering.



GOUPAR  
GOUPAR

PEABAN  
PEABAN

GYMPE  
GYMPE

BUCKEYE MEADOW

CRESCENT HEIGHTS

WEST BURAVISTA

GATEWAY TOWERS

PASEO DEL PUERTO

WEST SILVER LAKE

CALL ME ISHMAEL. Some years ago – never mind how long precisely – having little or no money in my purse, and nothing particular to interest me on shore, I thought I would sail about a little and see the watery part of the world. It is a way I have of driving off the spleen and regulating the circulation. Whenever I find myself growing grim about the mouth; whenever it is a damp, drizzly November in my soul; whenever I find myself involuntarily pausing before coffin warehouses, and bringing up the rear of every funeral I meet; and especially whenever my hypos get such an upper hand of me, that it requires a strong moral principle to prevent me from deliberately stepping into the street, and methodically knocking people's hats off, then, I account it high time to get to sea as soon as I can.

This is my substitute for pistol and ball. With a philosophical flourish Cato throws himself upon his sword; I quietly take to the ship. There is nothing surprising in this. If they but knew it, almost all men in their degree, some time or other, cherish very nearly the same feelings towards the ocean with me. There now is your insular city of the Manhattoes, belted round by wharves as Indian isles by coral reefs, commerce surrounds it with her surf.

NO, WHEN I GO TO SEA, I go mast, plumb down into the fore-c head. True, they rather order me a spar to spar, like a grasshopper in sort of thing is unpleasant enough particularly if you come of an old Van Rensselaers, or Randolphs, or if just previous to putting your hand lording it as a country schoolmaster awe of you. The transition is a keen master to a sailor, and requires a Stoics to enable you to grin and bear it.

What of it, if some old hunk broom and sweep down the decks? weighed, I mean, in the scales of the archangel Gabriel thinks anything and respectfully obey that old hun ain't a slave? Tell me that. Well, may order me about – however they have the satisfaction of knowing th

# A HISTORY OF THE HOLY ROMAN EMPIRE

JRIER

a Modèle  
national

rant les années 1970,  
pe l'informatique dist  
is en plus réclamée pa  
stèmes 32, 34, 36, 810  
même temps IBM pas  
-informatique. Après  
machines de succès dive

adém  
çaises

a mission qui lui est assig  
nigine, et qui sera précis  
r 1635 par lettres paten  
l, est de fixer la langue  
donner des règles, de le  
compréhensible par tou

Na celém světě se vyrá  
stovky typů sýra. Exist  
více různých systémů dě  
sýrů. Různé druhy a příc  
sýrů jsou výsledkem pou  
mléka různých savců nel

Roslindale

=365=

## Vegetarian Barbecue Recipes

```
#coding=utf-8
"""
SHOW MOUSE COORDINATES
"""

from vanilla import *
from defconAppKit.windows.baseWindow import BaseWindowController
from mojo.events import addObserver, removeObserver
```

```
class ShowMouseCoordinatesTextBox(TextBox):
    def __init__(self, *args, **kwargs):
        super(ShowMouseCoordinatesTextBox, self).__init__(*args, **kwargs)
        addObserver(self, "mouseDragged", "mouseDragged")
        addObserver(self, "mouseUp", "mouseUp")

    def mouseDragged(self, info):
        point = info["point"]
        positionSymbol = unichr(8982)
        deltaPoint = info["delta"]
        angle = math.degrees(math.atan2(deltaPoint.y, deltaPoint.x))
        distance = math.hypot(deltaPoint.x, deltaPoint.y)
```

Input  
input.fontbureau.com

free download!

# RoboFont

# Frederik Berlaen

MERIT BADGE

IS A VARIABLE  
COLOR FONT.



A photograph of two men standing side-by-side against a dark brick wall. The man on the left, Just van Rossum, has curly brown hair and is wearing a brown t-shirt with a white graphic of various icons. The man on the right, Frederik Berlaen, has light brown hair and is wearing a light blue t-shirt. Both men are smiling and have their arms crossed. The photo is framed by a white border.

Just van Rossum

Frederik Berlaen

# DrawBot

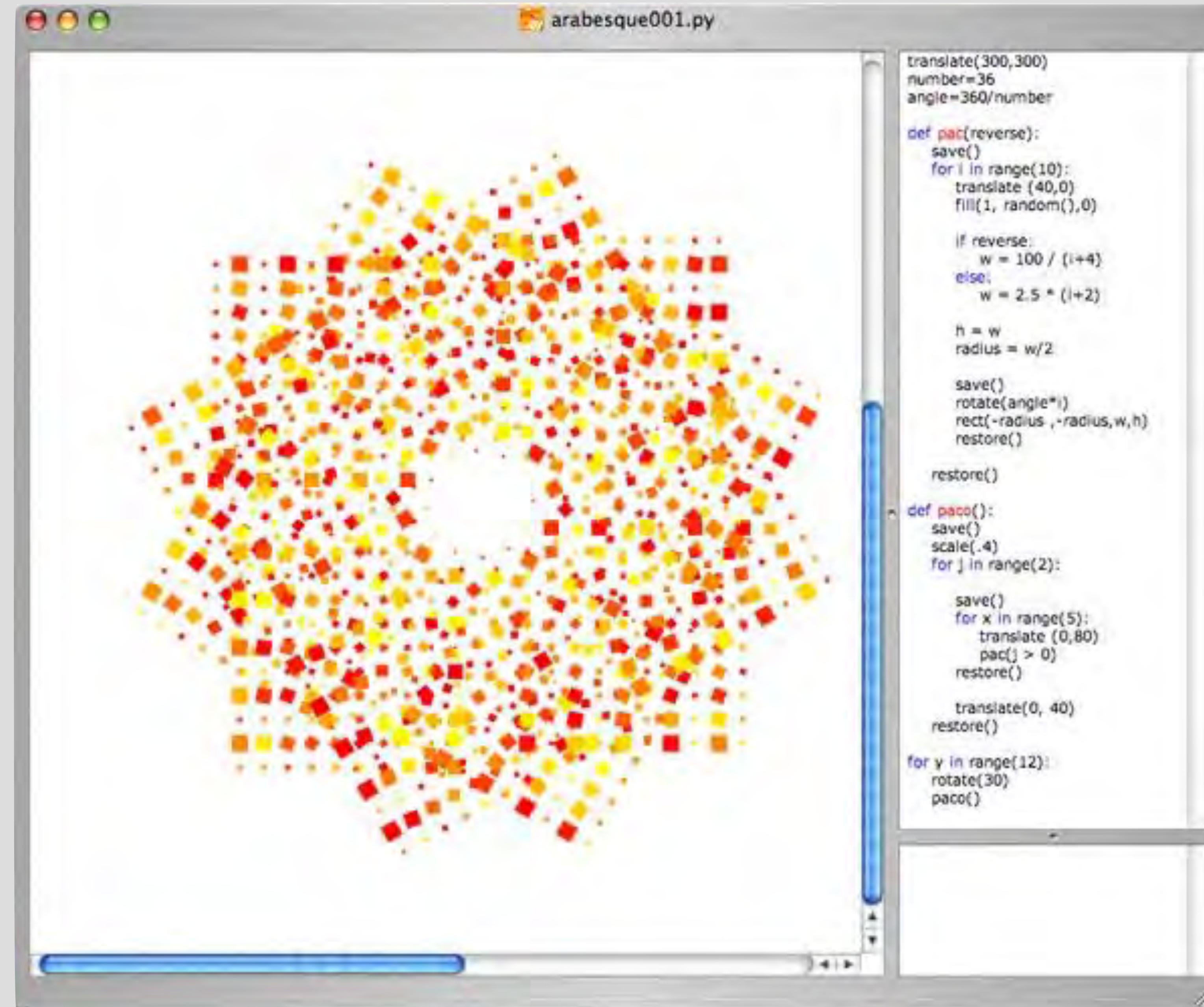


[drawbot.com](http://drawbot.com)  
[@drawbotapp](https://twitter.com/drawbotapp)



# Rotation exercise, 2006

Pascal Zoghbi



The screenshot shows a Python script window titled "arabesque001.py". The script contains code for generating a fractal pattern of colored squares. The window has three panes: a top status bar, a large central canvas area, and a bottom status bar.

```
translate(300,300)
number=36
angle=360/number

def pac(reverse):
    save()
    for i in range(10):
        translate (40,0)
        fill(1, random(),0)

        if reverse:
            w = 100 / (i+4)
        else:
            w = 2.5 * (i+2)

        h = w
        radius = w/2

        save()
        rotate(angle*i)
        rect(-radius,-radius,w,h)
        restore()

    restore()

def pac0():
    save()
    scale(.4)
    for j in range(2):

        save()
        for x in range(5):
            translate (0,80)
            pac(j > 0)
            restore()

        translate(0, 40)
        restore()

    for y in range(12):
        rotate(30)
        pac0()
```

Screenshot courtesy  
of Just van Rossum

**So what is  
drawbot?**

**DrawBot** is a powerful,  
free application for  
**MacOS** that invites you  
to write simple Python  
scripts to generate two-  
dimensional graphics.

**DrawBot is a powerful,  
free application for  
MacOS that invites you  
to write simple Python  
scripts to generate two-  
dimensional graphics.**

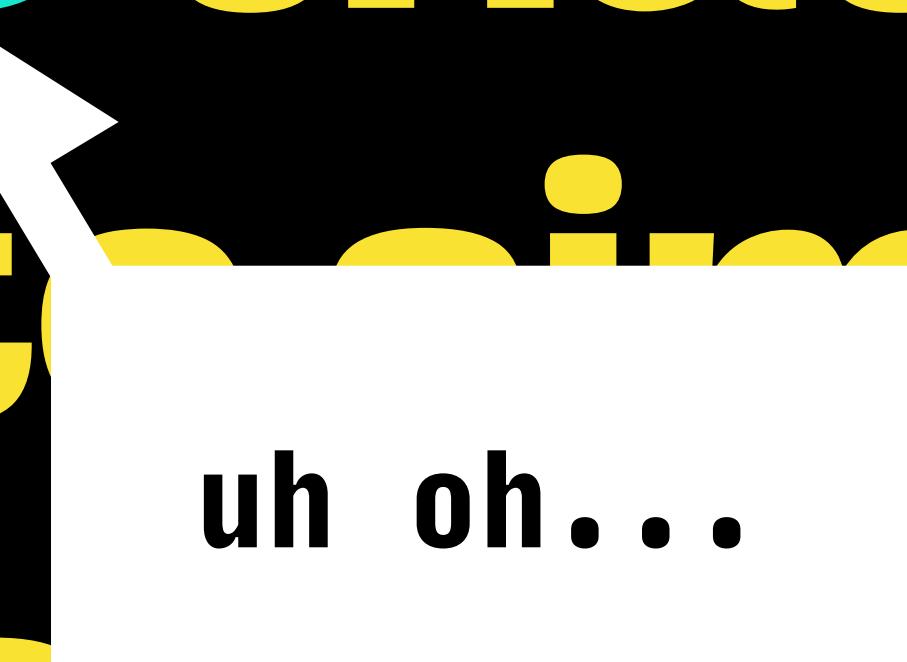


BSD license

**DrawBot is a powerful,  
free application for  
MacOS that invites you  
to write simple Python  
scripts to generate two-  
dimensional graphics.**

IDE FTW

**DrawBot is a powerful,  
free application for  
**MacOS** that invites you  
to write simple Python  
scripts to generate two-  
dimensional graphics.**

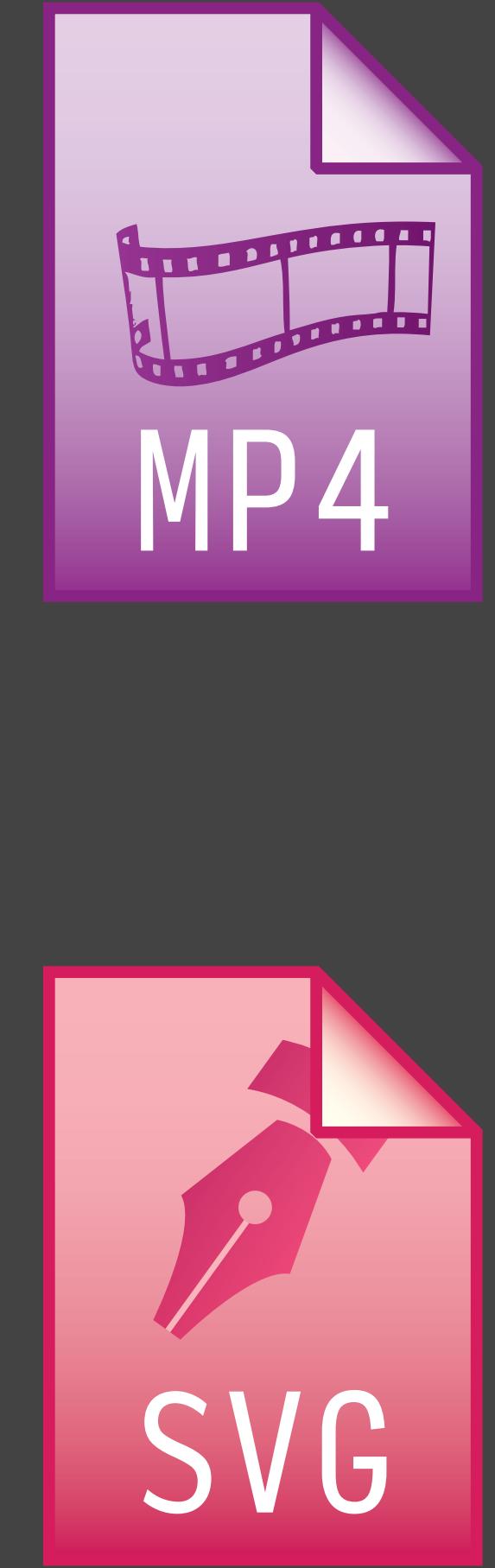
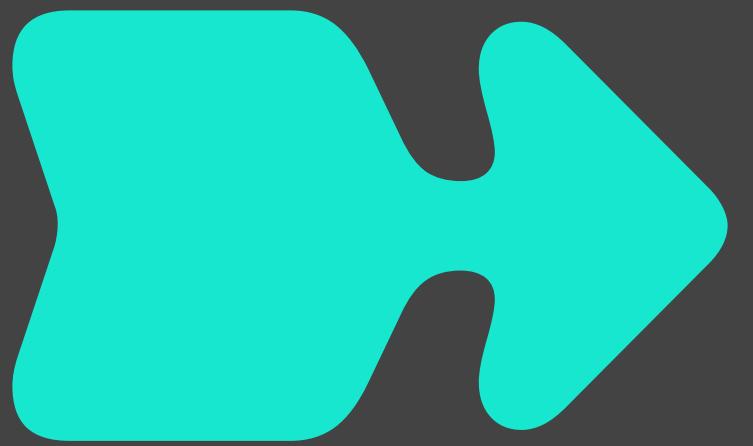


uh oh...

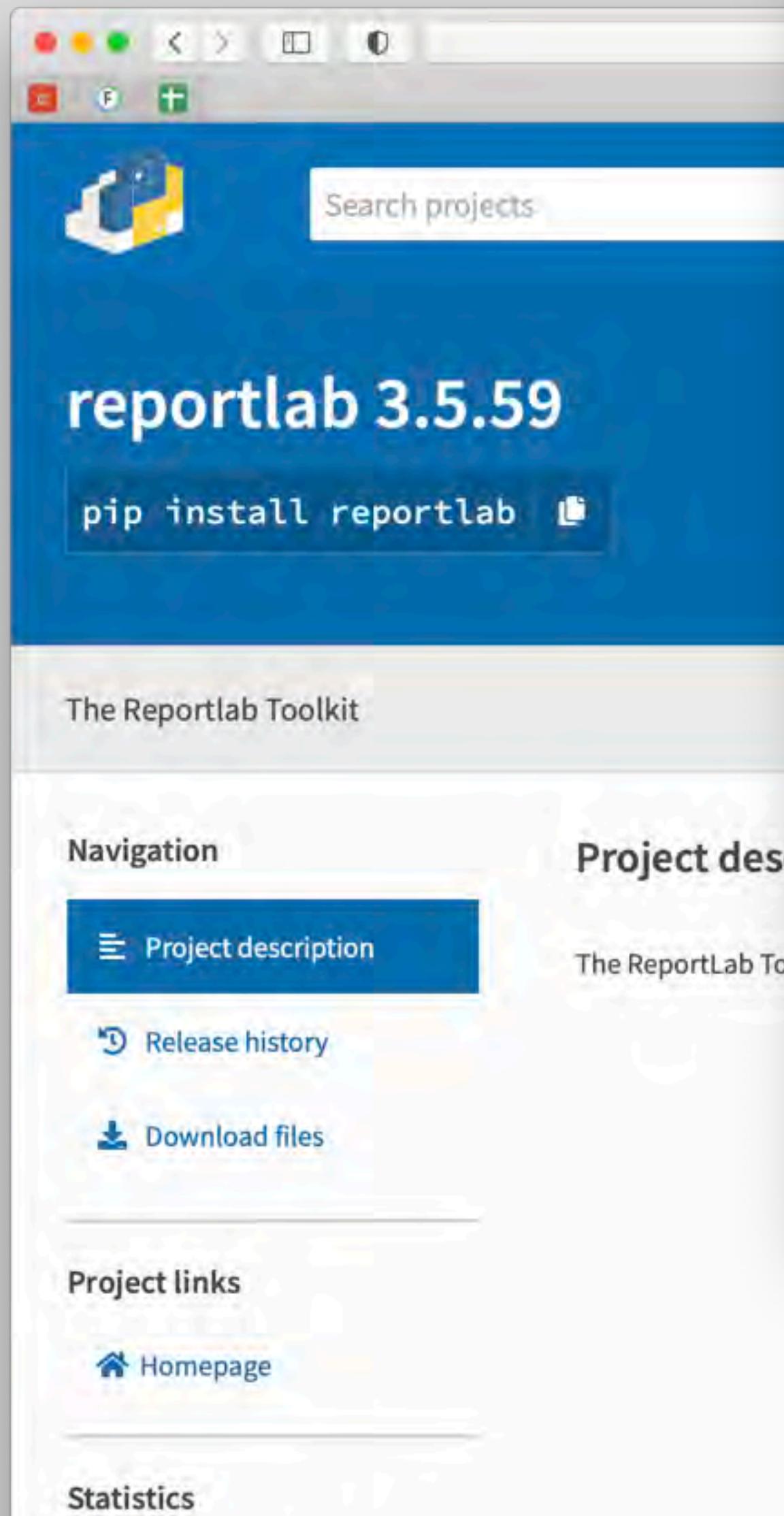
**DrawBot is a powerful,  
free application for  
MacOS that**  **you  
to write simple Python  
scripts to generate two-  
dimensional graphics.**

**DrawBot is a powerful,  
free application for  
MacOS that invites you  
to write simple Python  
shape, text, image  
statements to generate two-  
dimensional graphics.**

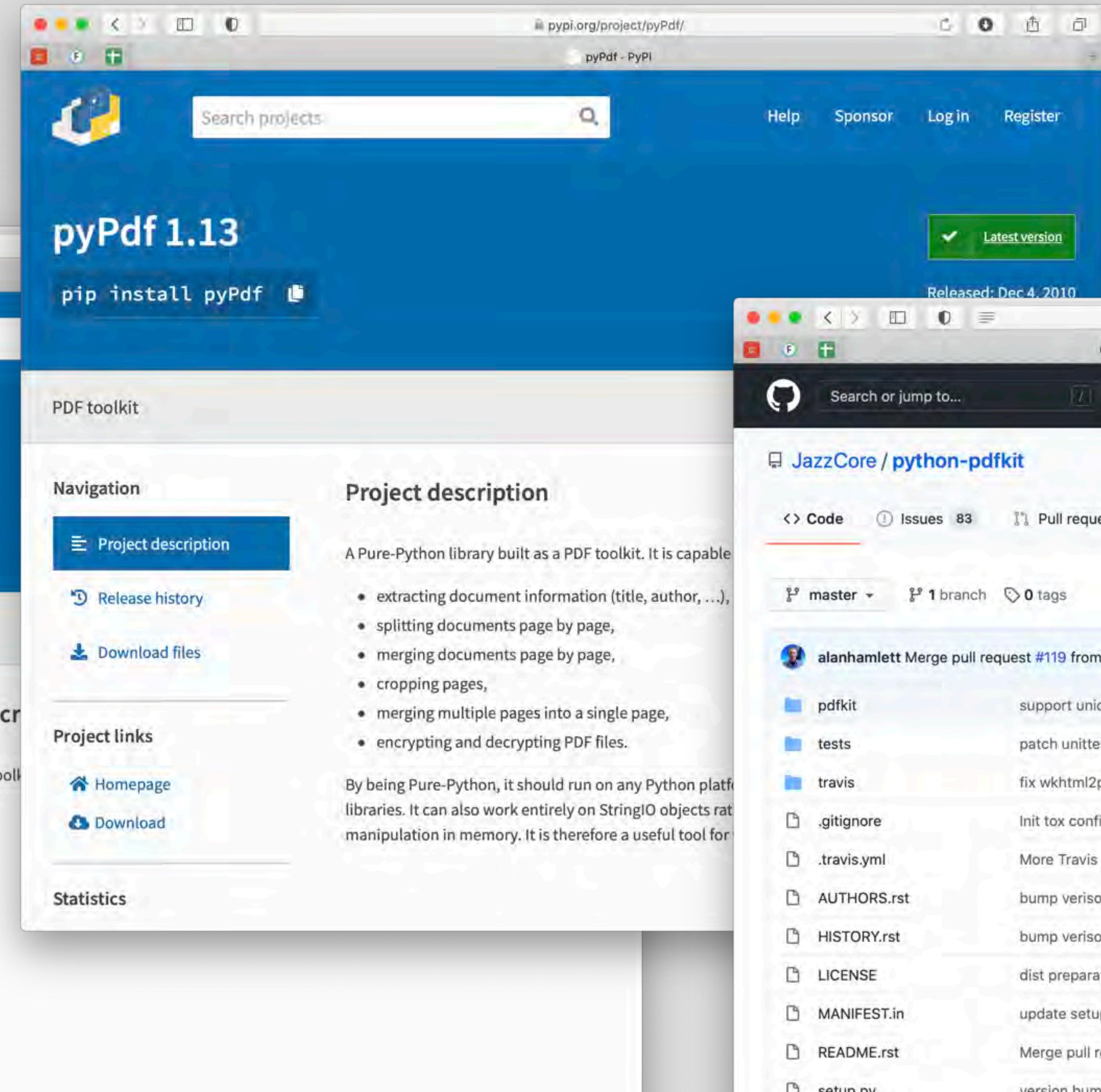
**what can  
it make?**



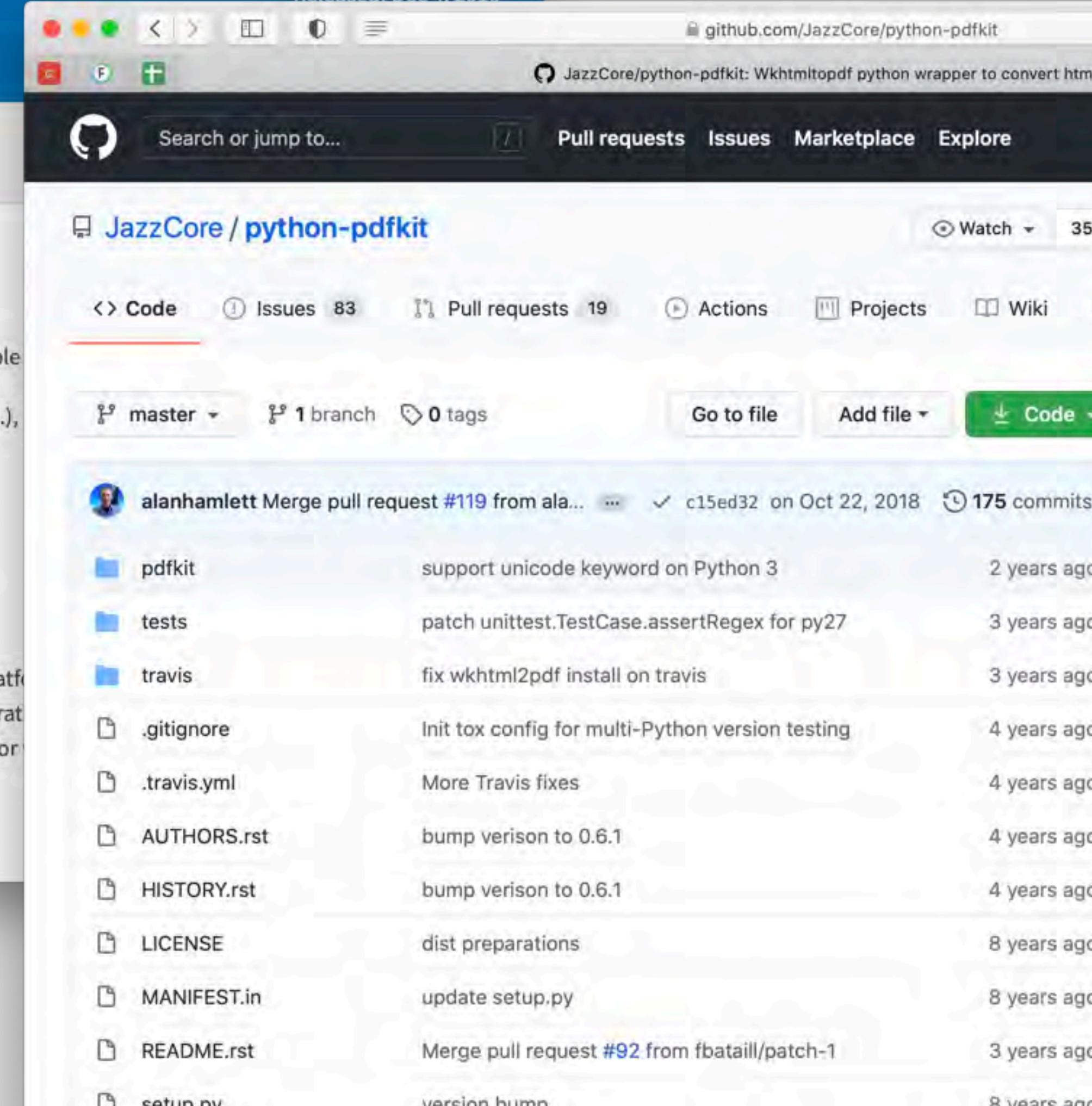
# pyPDF reportlab pdfkit



The screenshot shows the PyPI project page for ReportLab. The title "reportlab 3.5.59" is prominently displayed. Below it is a "pip install reportlab" button. The main content area is titled "The Reportlab Toolkit" and contains sections for "Navigation" (with "Project description" highlighted), "Project links" (including "Homepage" and "Download"), and "Statistics".



The screenshot shows the PyPI project page for pyPDF. The title "pyPdf 1.13" is displayed, along with a "pip install pyPdf" button. The "Project description" section is highlighted in the navigation menu. The description text states: "A Pure-Python library built as a PDF toolkit. It is capable of extracting document information (title, author, ...), splitting documents page by page, merging documents page by page, cropping pages, merging multiple pages into a single page, and encrypting and decrypting PDF files." Below the description is a "Project links" section with "Homepage" and "Download" options.



The screenshot shows the GitHub repository page for "JazzCore/python-pdfkit". The repository name is "JazzCore / python-pdfkit". The "Code" tab is selected, showing the "master" branch with 1 branch and 0 tags. A list of commits is shown, starting with a merge pull request from alanhamlett. The commits are dated from October 2018 to 8 years ago.

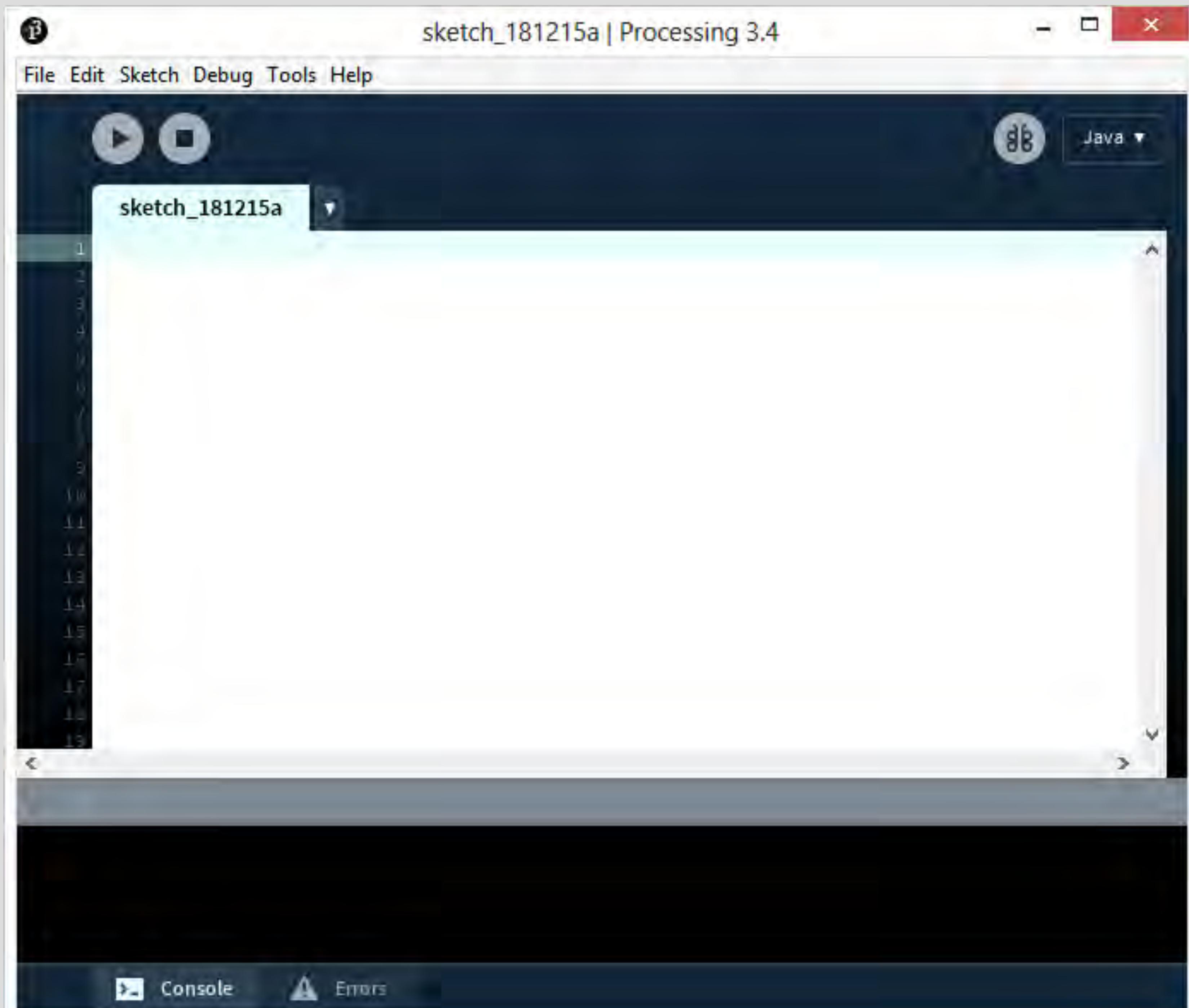
Commit	Description	Date
alanhamlett Merge pull request #119 from ala... c15ed32	Merge pull request #119 from ala... support unicode keyword on Python 3	on Oct 22, 2018
pdfkit	support unicode keyword on Python 3	2 years ago
tests	patch unittest.TestCase.assertRegex for py27	3 years ago
travis	fix wkhtml2pdf install on travis	3 years ago
.gitignore	Init tox config for multi-Python version testing	4 years ago
.travis.yml	More Travis fixes	4 years ago
AUTHORS.rst	bump verison to 0.6.1	4 years ago
HISTORY.rst	bump verison to 0.6.1	4 years ago
LICENSE	dist preparations	8 years ago
MANIFEST.in	update setup.py	8 years ago
README.rst	Merge pull request #92 from fbataill/patch-1	3 years ago
setup.py	version bump	8 years ago

# pycairo PIL/pillow

The screenshot shows a web browser window with the URL [www.cairographics.org/pycairo/](http://www.cairographics.org/pycairo/). The page features a large logo with two orange cartoon characters holding up the word "cairo". Below the logo is a navigation bar with links for News, Download, Documentation, Contact, and Examples. The main content area has a yellow background and displays the text: "Pycairo is a set of Python 2 & 3 bindings for the [cairo graphics library](#). Since version 1.11.0 pycairo has moved to GitHub and pycairo and py2cairo have been merged back into one project."

The screenshot shows a web browser window with the URL [pillow.readthedocs.io/en/stable/](https://pillow.readthedocs.io/en/stable/). The page title is "Pillow — Pillow (PIL Fork) 8.1.0 documentation". On the left is a sidebar with links for Installation, Handbook, Reference, Porting, About, Release Notes, and Deprecations and removals. The main content area features a large "Pillow" logo and a brief description: "Pillow is the friendly PIL fork by [Alex Clark and Contributors](#). PIL is the Python Imaging Library by [Fredrik Lundh and Contributors](#)". It also mentions "Pillow for enterprise is available via the Tidelift Subscription. [Learn more](#)". Below this are several green status badges for various tests and builds, and a footer with links to releases, snapshots, and a GitHub edit button.

# Processing / p5.js



# P Processing/p5.js

- Cross-platform
- 2D+3D (WebGL)
- Interactive
- Big community
- Web integration
- Pixel-based
- Basic typography

# D DrawBot

- MacOS
- 2D
- Hardly interactive
- Small community
- Print-ready output
- Vector-based
- Advanced typography

# Adobe InDesign CC 2020

Adobe InDesign 2020

\*miramonte-djr-indd.indd @ 54% [GPU Preview]

POMFRET Specimens djp.com | 2

# BARRANCA STOPBACK PAPERLIKE SUFFICING MOONTIDE BILSKIRNIR

POMFRET Specimens djp.com | 3

## Pomfret

Pomfret is a set of titling capitals with Arts & Crafts flair started in 2018 and released in 2020. After years of encouragement from Roger Black, I began the design as an homage to the work of Bertram Goodhue, famous as the architect of the Nebraska State Capitol as well as the typeface Cheltenham. The skeletons of the letters were initially inspired by the tightly-spaced capitals (especially the restrained R and K) found on his cover for The Knight Errant. Pomfret moves beyond its source material, adopting a more contemporary finish with discretionary ligatures, razor-thin hairlines, and restrained, bracketed serifs.

Pages  
Layers  
Swatches  
CC Libraries  
Glyphs  
Text Wrap  
Stroke  
Gradient  
Story  
Hyperlinks  
Effects  
Paragraph  
Paragraph Styles  
Character Styles

# Adobe InDesign CC 2020

Lowlands Festival 2018

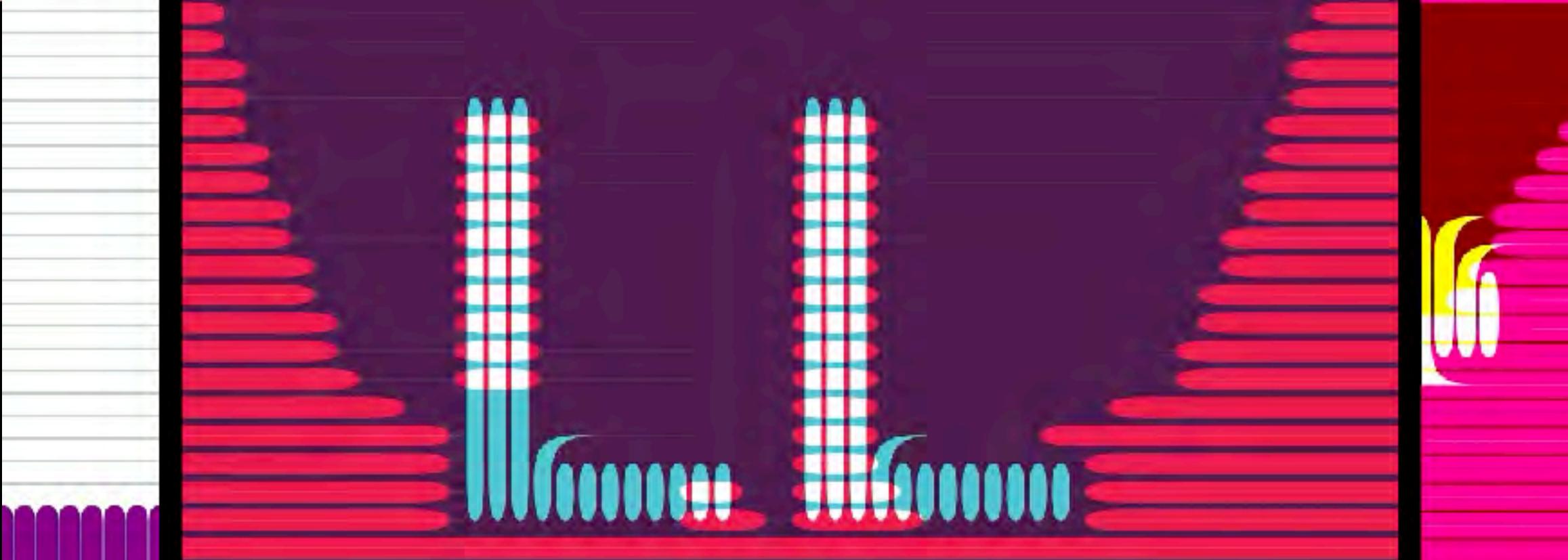
Hansje van Halem, Just van Rossum



# Lowlands Festival 2018

Hansje van  
Halem, Just  
van Rossum

[hansje.net](http://hansje.net)



The image shows a Mac OS X desktop with two windows open. On the left is a PDF document titled 'invoice.pdf' containing a large 'INVOICE' logo at the top, followed by recipient and sender information, a date, and an order/invoice number. Below this is a table of items and their amounts, and a note about the license. On the right is a code editor window titled 'discount' showing Python code for generating the invoice PDF. The code includes logic for calculating discounts and applying them to the product info. At the bottom of the code editor, there is a list of font names.

invoice.pdf

INVOICE

From: DAVID JONATHAN ROSS  
P.O. Box 461  
Conway, MA 01341 USA  
+1 339-224-7687  
david@djr.com

To: LICENSEE MCLICENSESON  
david@djr.com  
P.O. Box 461,  
Conway, MA

Date: 2020-09-03

ORDER: 35290320  
INVOICE: 35290320-20201013-1

ITEMS	AMOUNT
OutputSans Regular (Small license)	US \$ 50
OutputSans Italic (Small license)	US \$ 50
OutputSans Medium (Small license)	US \$ 50
OutputSans MediumItalic (Small license)	US \$ 50
OutputSans Bold (Small license)	US \$ 50
OutputSans BoldItalic (Small license)	US \$ 50
<b>TOTAL PAID</b>	<b>US \$ 300</b>

Your SMALL license entitles you to use the font on up to 100 desktop workstations, 10 million monthly unique web visitors, 36 e-books, and 18 apps. Please consult your full license for more information on permitted uses and contact <david@djr.com> to upgrade your license at any time.

discount

```
*digitDiff + price
if price == 'None':
    productLine = ''
    productLine += '\r'
    productInfo.append(productLine,
font=textFont)

if data.get('discount'):
    productInfo.append('Discount: %s\tUS $ - %s\r' %(str(data['discount']['name']),
str(data['discount']['amount-saved'])),
font=inputFont, lineHeight=textLineHeight*2)

if paid:
    OutputSans-Regular
    OutputSans-Italic
    OutputSans-Medium
    OutputSans-MediumItalic
    OutputSans-Bold
    OutputSans-BoldItalic
```

# Typographics 2015





Typographics 2016

2016.typographics.com

HANSJE  
VAN HALEM

KARRA  
HAUPT

# Typographics 2018





# Font Trading Cards

2 S

> w

H +

b c

t Turnip – Italic

## LATIN SMALL LETTER T

**Family:** Turnip (16 styles)

**Style:** Italic

**Unicode Value:** U+0074

**Unicode Block:** Basic Latin

**Unicode Category:** Letter, Lowercase

**Units Per Em:** 1000

**Advance Width:** 361

**Sidebearings:** 16 / 24

**Number of Contours:** 1

**Points:** 16 oncurve / 10 offcurve

Where classic serif faces are urbane and well-mannered, Turnip is coarse and down-to-earth — the kind of type that feels completely at home with salty language. David Jonathan Ross crafted an energetic tension between Turnip's inner and outer shapes to give it vigor, while strong strokes and sturdy serifs yield dense paragraphs with a horizontal emphasis. This ain't your grandpa's book face, but it reads just as well; FB 2012



fontbureau.com  
@fontbureau  
randomglyph.tumblr.com  
@randomglyph

# Font Proofs



hh hoho oo  
hha hohoao oo  
hhB hohoobo oo  
hhchohoco oo  
hhD hohodoo  
hhehohoee oo  
hhF hohofoo  
hhG hohogoo  
hhhhohoboo  
hhihohoi oo

hhjhohojoo  
hhkhohokoo  
hhihoholoo  
hhohohomoo  
hhdhohodoo  
hhohohoooo  
hhphohopoo  
hhohohoo oo  
hhrbhoboroo  
hhshohosoo

2021-01-15 | Klooster-Thin | Spacing proof

2

Adidas N3XT L3V3L

Grand Army

Andy Clymer



Gradient Typesetter

Gradient Typesetter 1.1

PRO VISION

Left Side Right Side

Weight: 225 Weight: 1,000

Width: 20 Width: 600

Skew Size 100 Leading 80 Weight/Width Curve

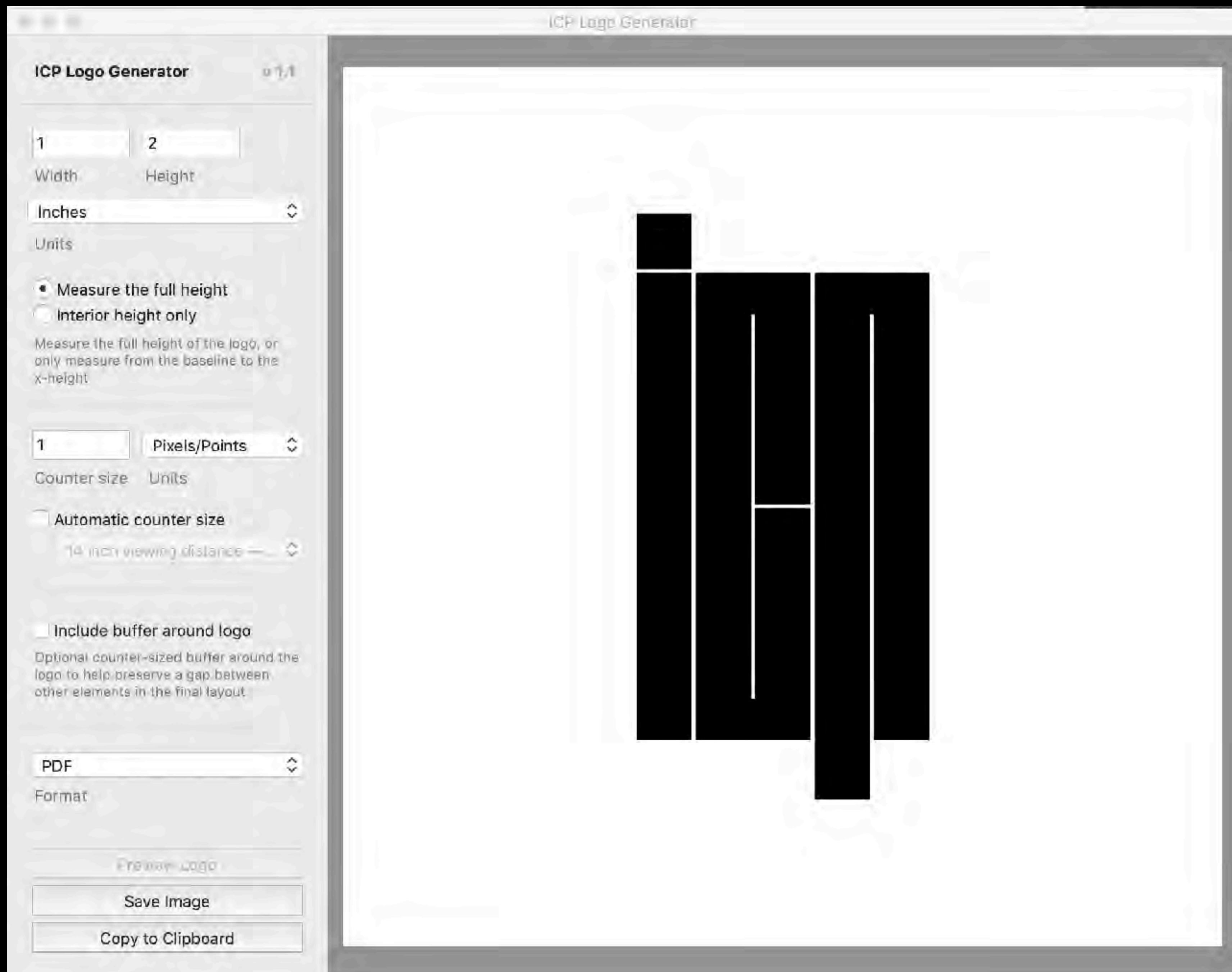
Save Image

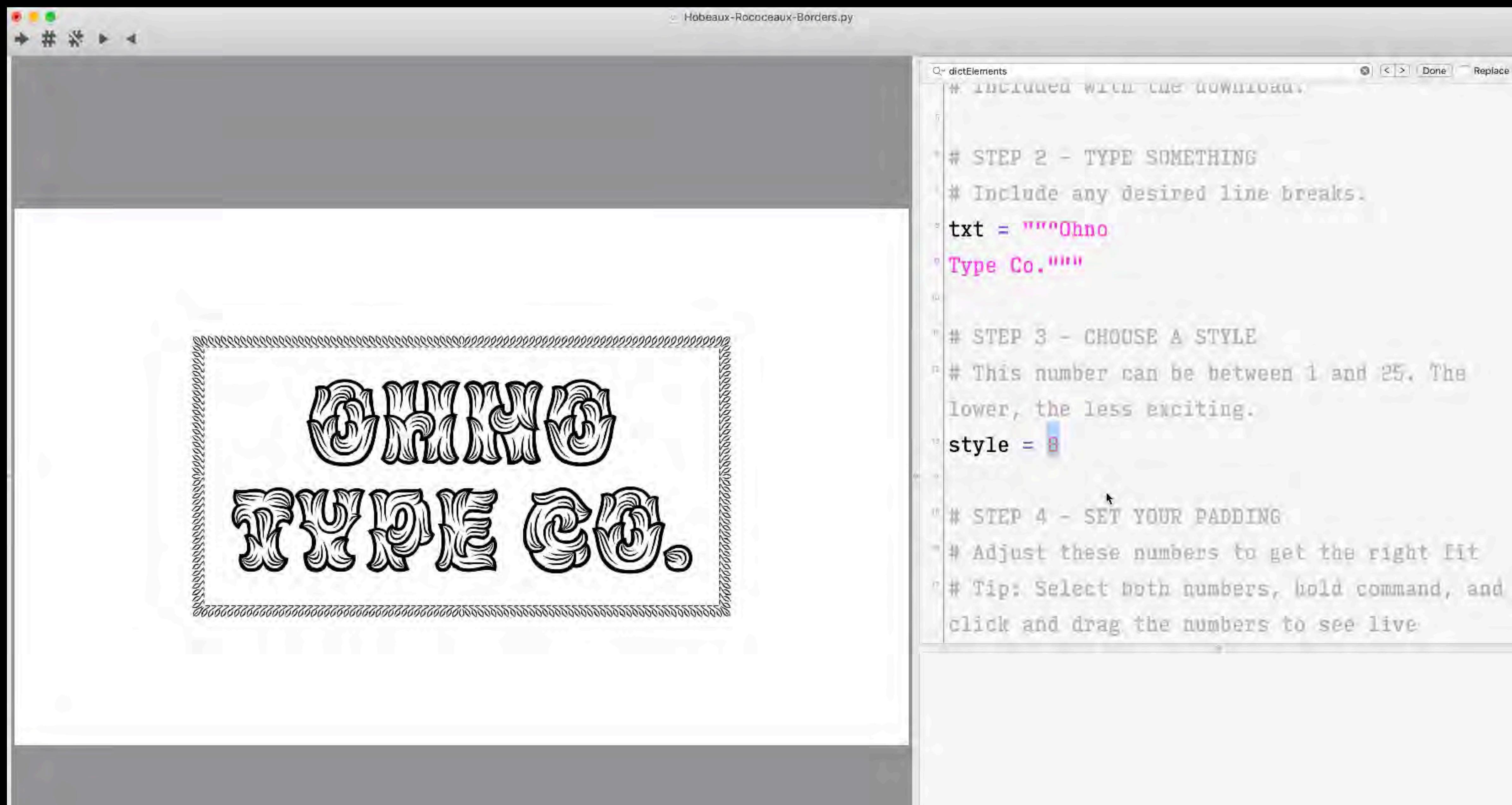
?

grandarmy.com/projects/n3xt-l3v3l

A screenshot of the Gradient Typesetter software interface. The window title is "Gradient Typesetter". Inside, there's a preview area showing the word "PROVISION" in a bold, black, sans-serif font. Above the preview, the font name "PRO VISION" is listed. On the left, there's a text input field with "PRO VISION" and some dropdown menus. On the right, there are two sections labeled "Left Side" and "Right Side" with sliders for "Weight" and "Width". Underneath the preview, there are checkboxes for "Skew", "Size" (set to 100), "Leading" (set to 80), and a "Weight/Width Curve" slider. At the bottom right, there's a "Save Image" button and a question mark icon.

International Center of  
Photography, Philadelphia  
Pentagram  
Andy Clymer, Yours Truly







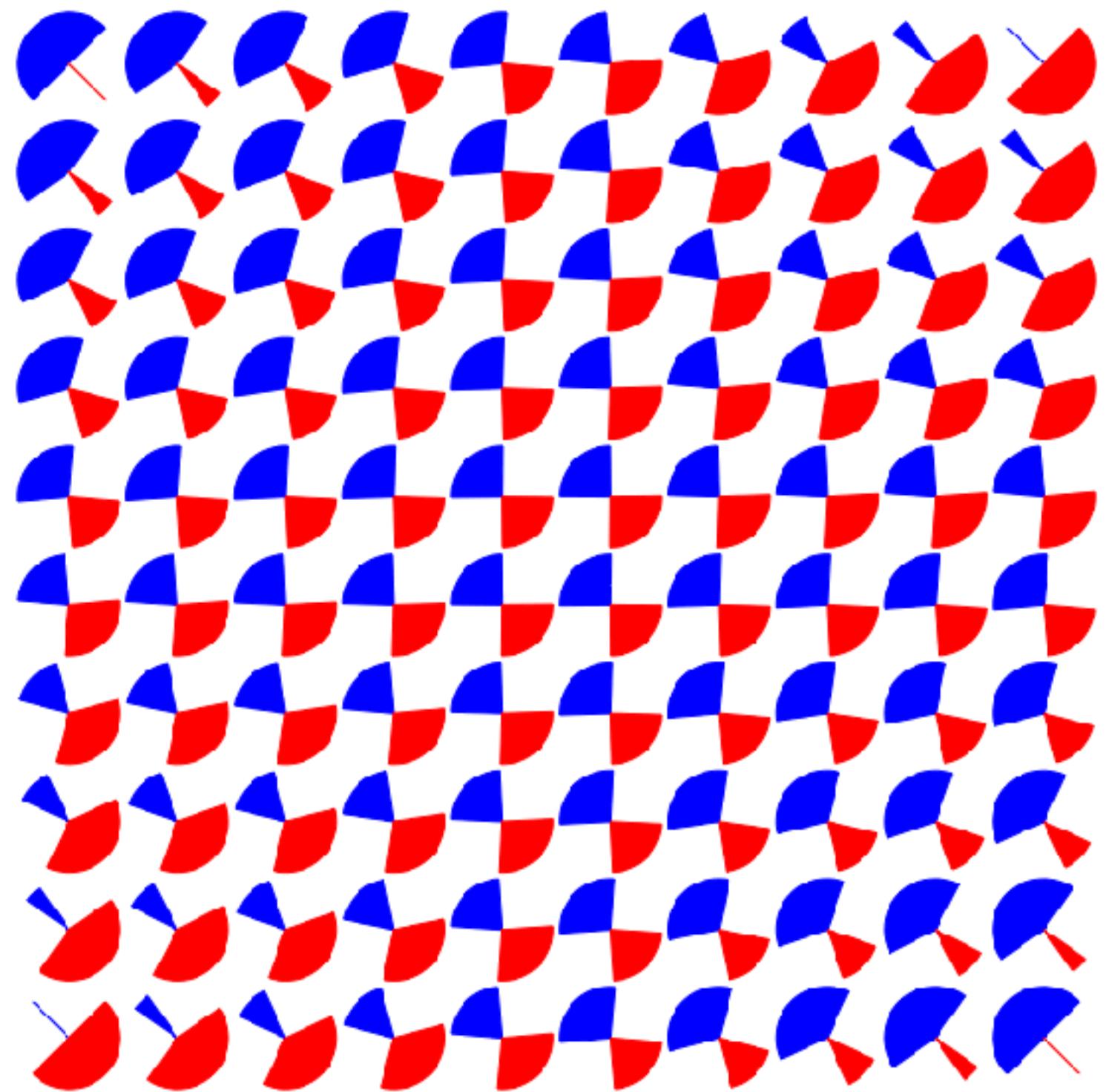
```
colorSpace(colorspace)
translate(startX,startY)

for c1 in colors:
    r1, g1, b1 = c1
    for c2 in colors:
        translate(spaceX,0)
        if c1 != c2:
            r2, g2, b2 = c2
            stroke(None)
            fill(r1,g1,b1)
            rect(0, 0, swatchWidth/2, swatchHeight)
            fill(r2,g2,b2)
            rect(swatchWidth/2, 0, swatchWidth/2, swatchHeight)
        else:
            stroke(0)
            strokeWidth(3)
```

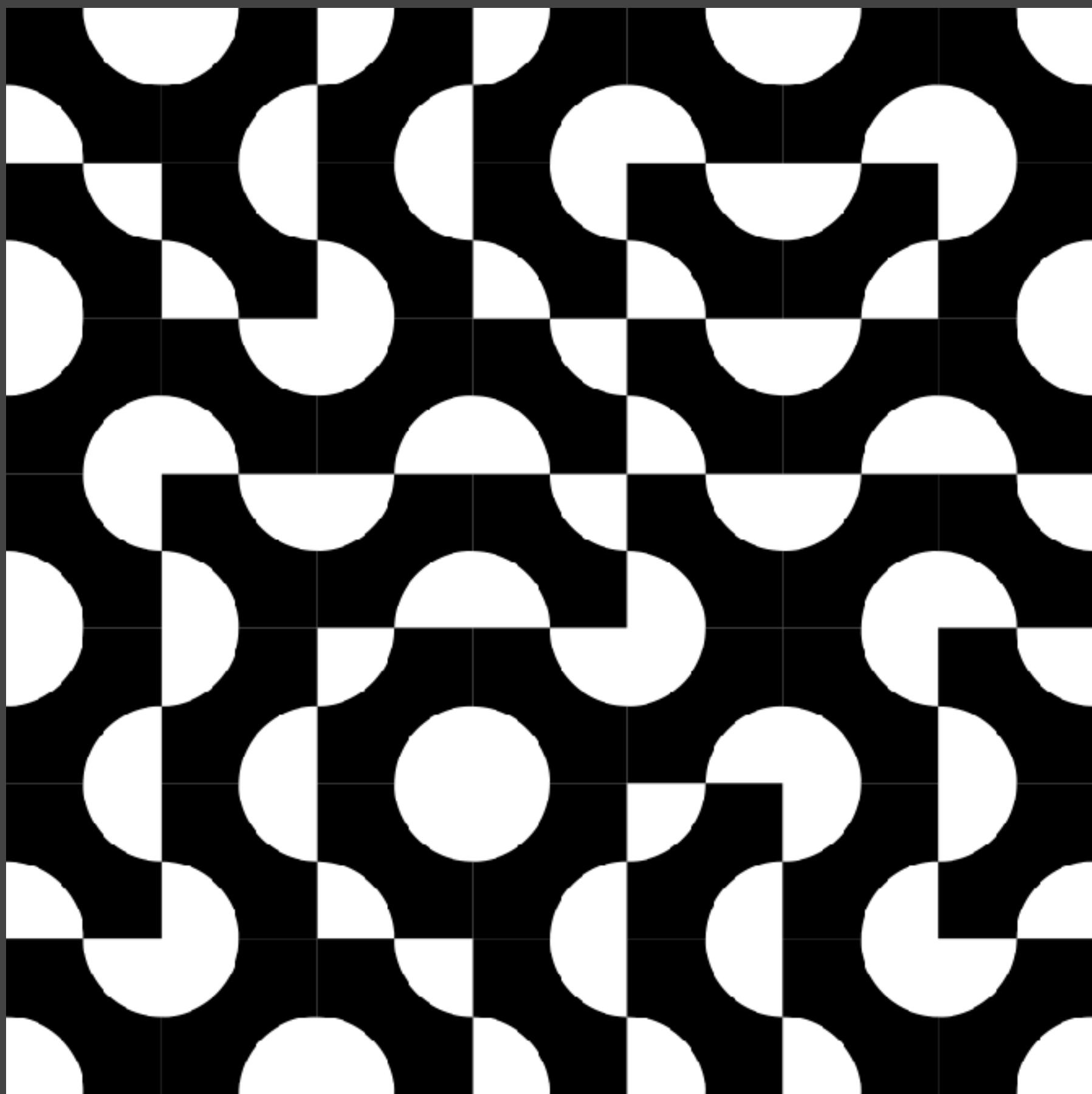
# Drawbot Animations

Maurice Meilleur

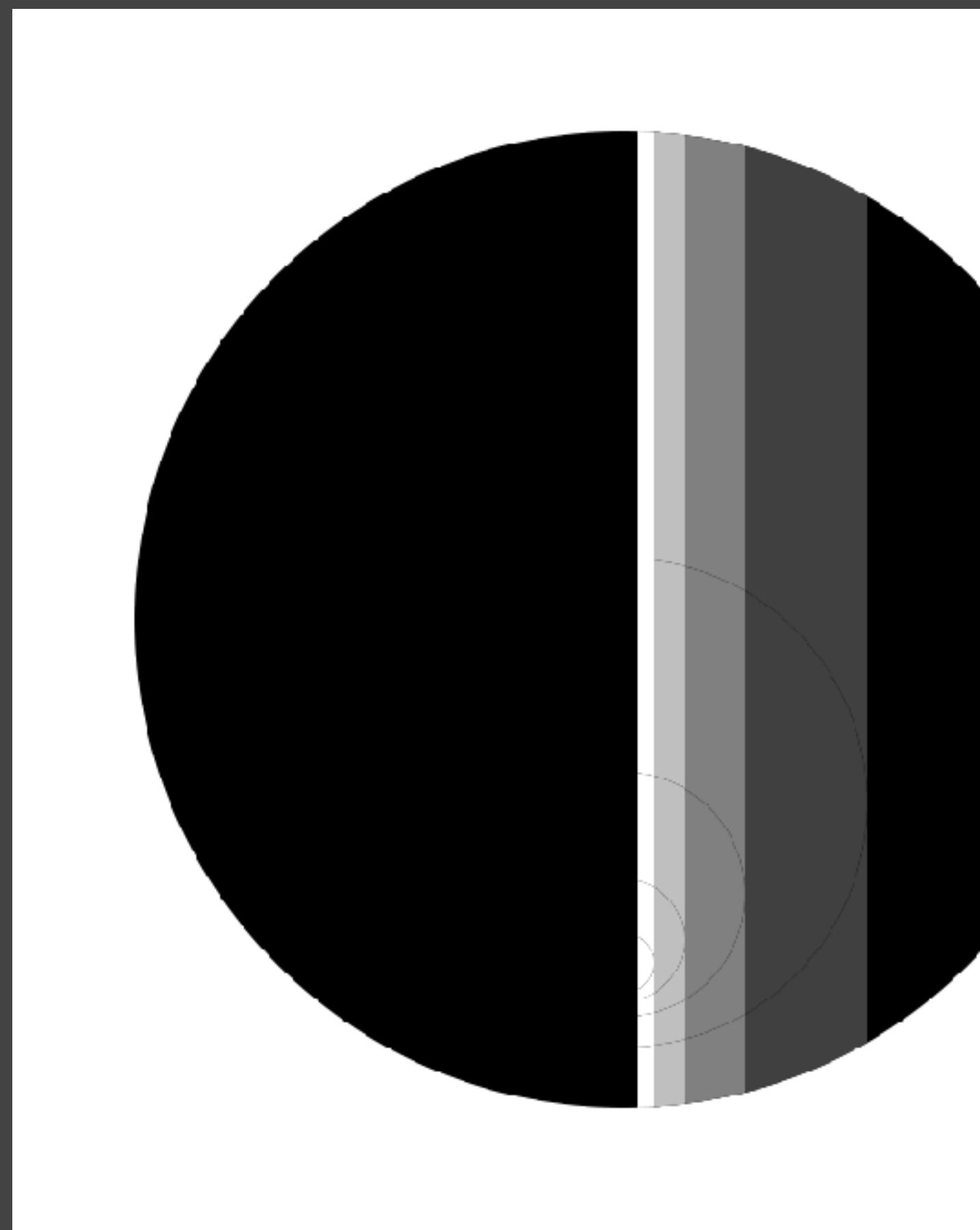
Le Parc transformations



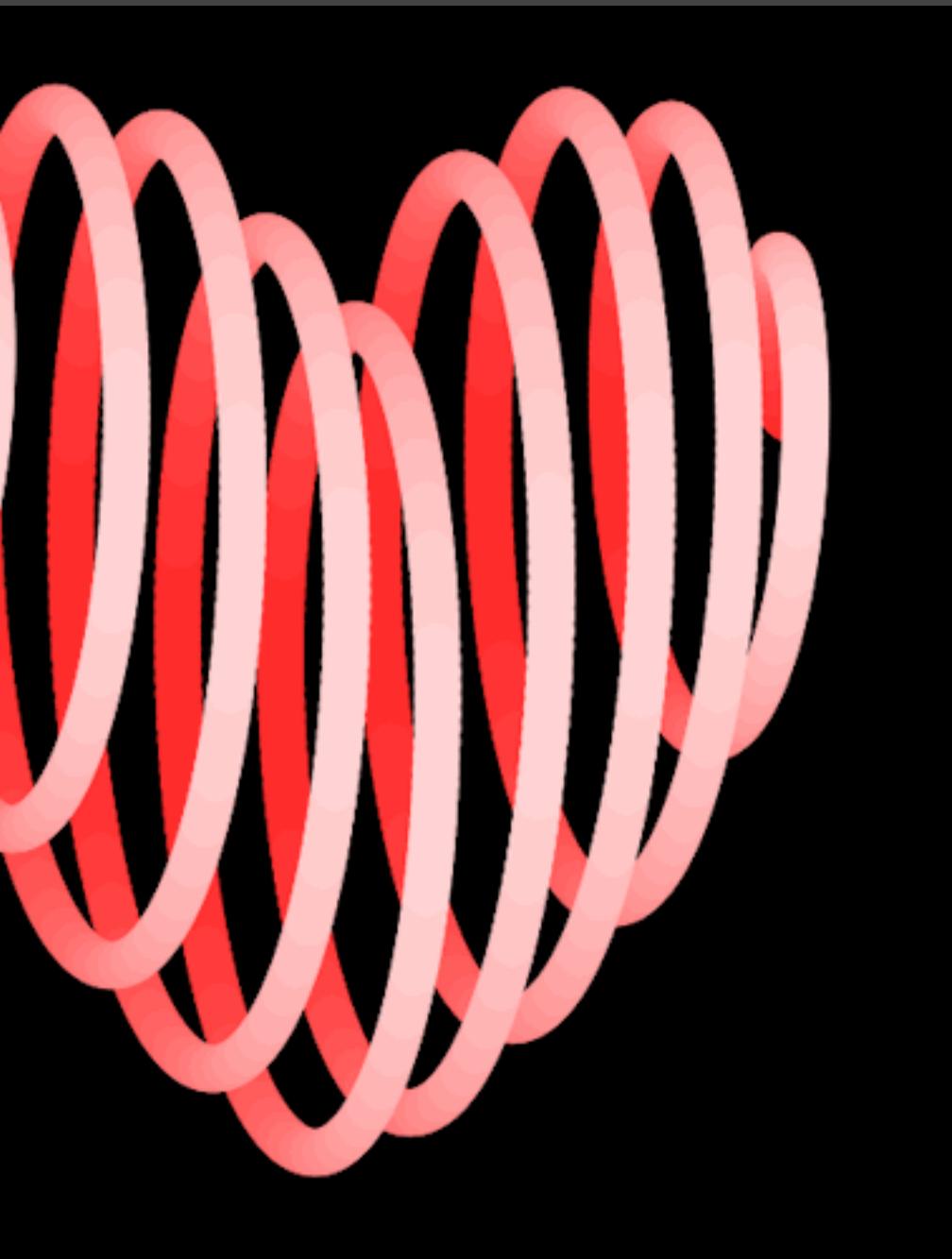
Truchet tiles



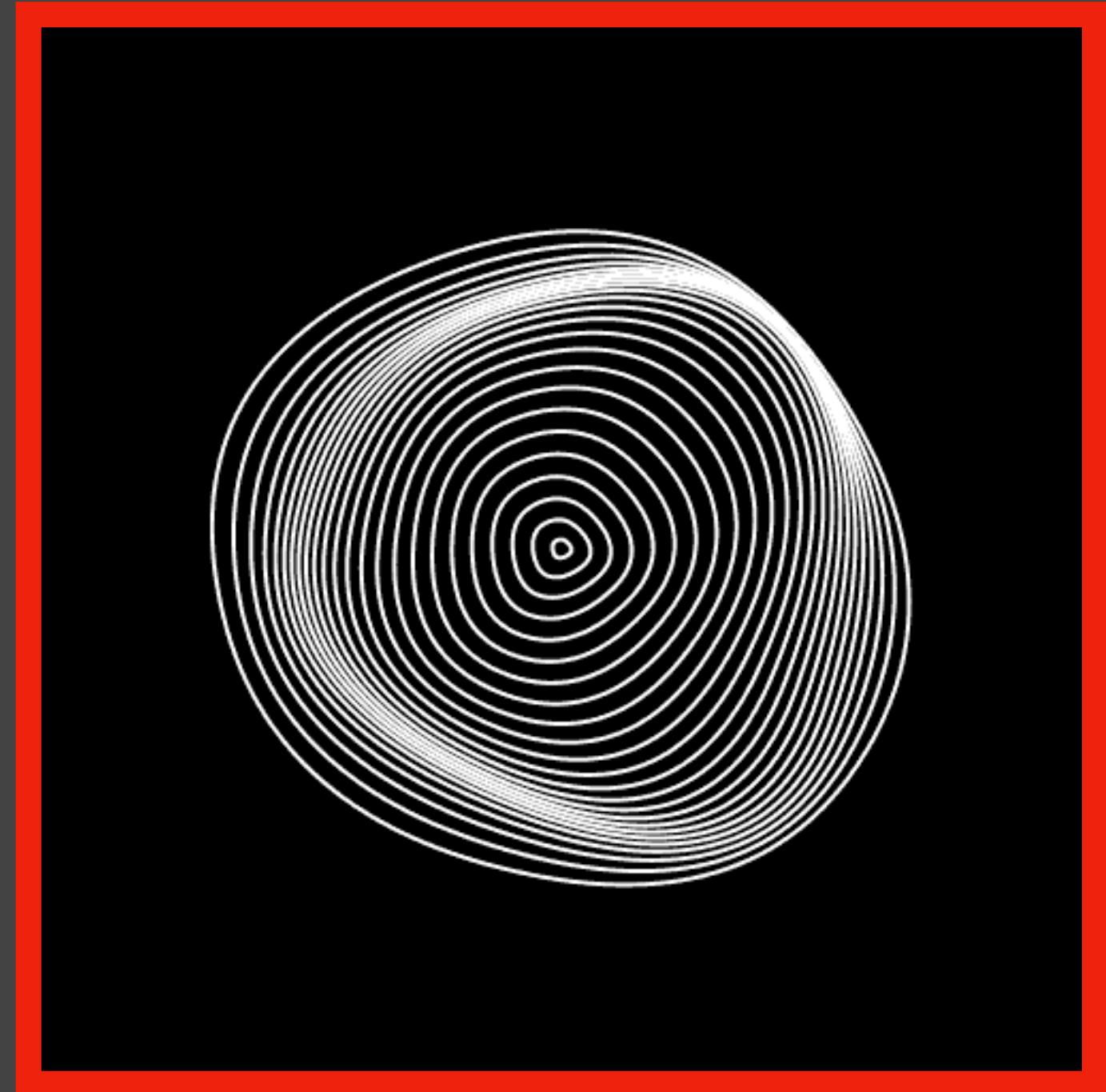
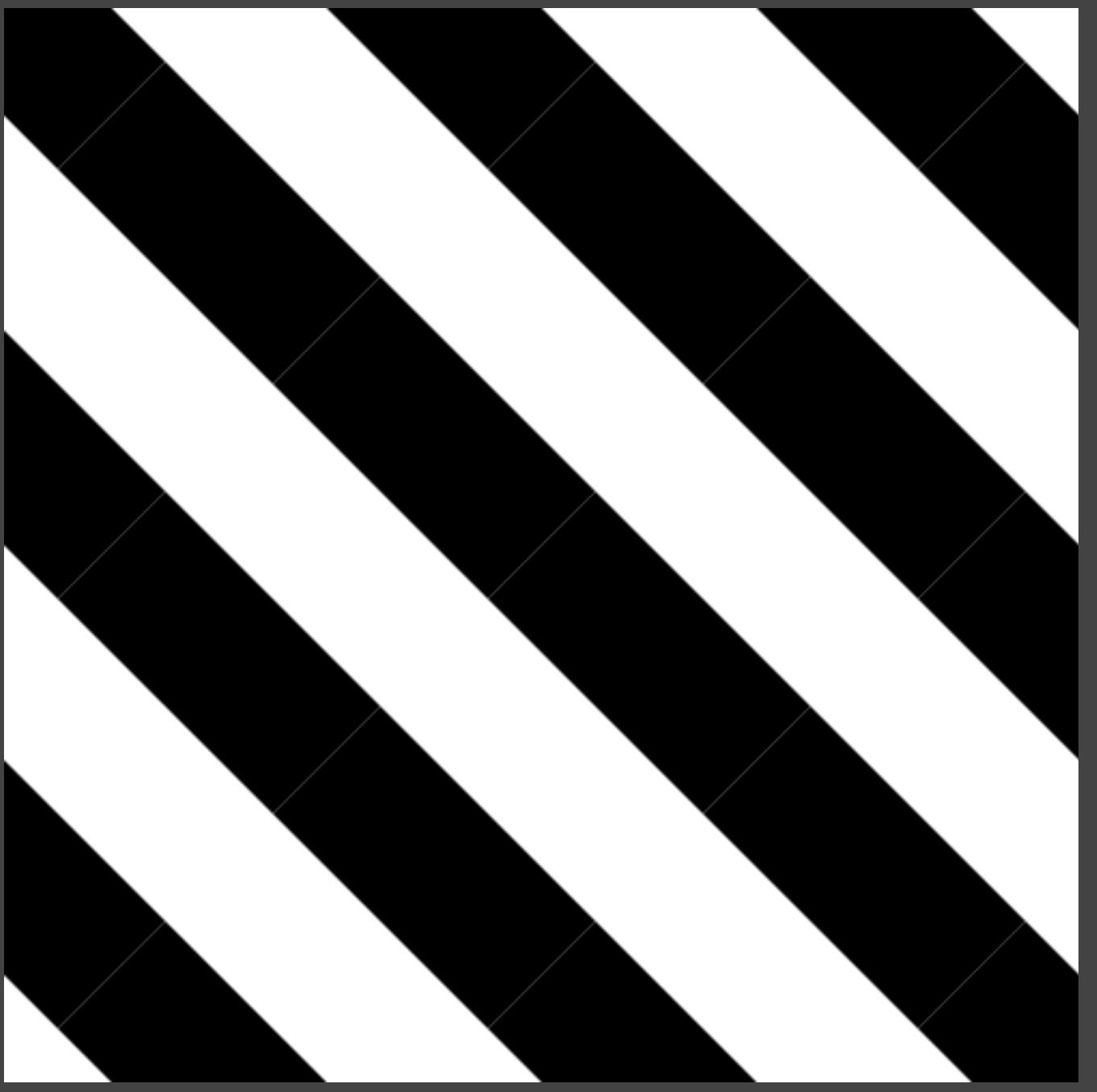
Gerstner's Tangential Eccentric



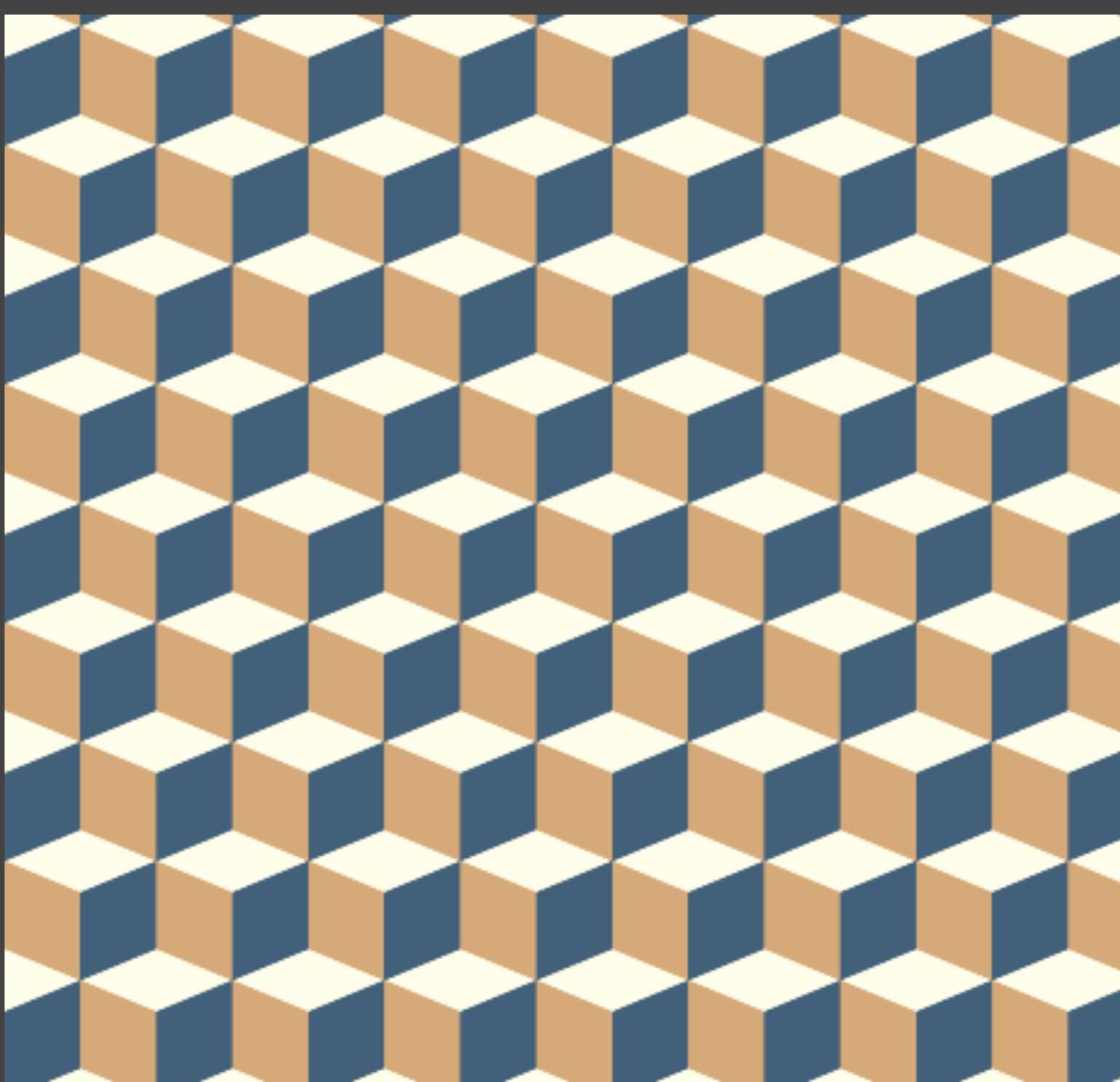
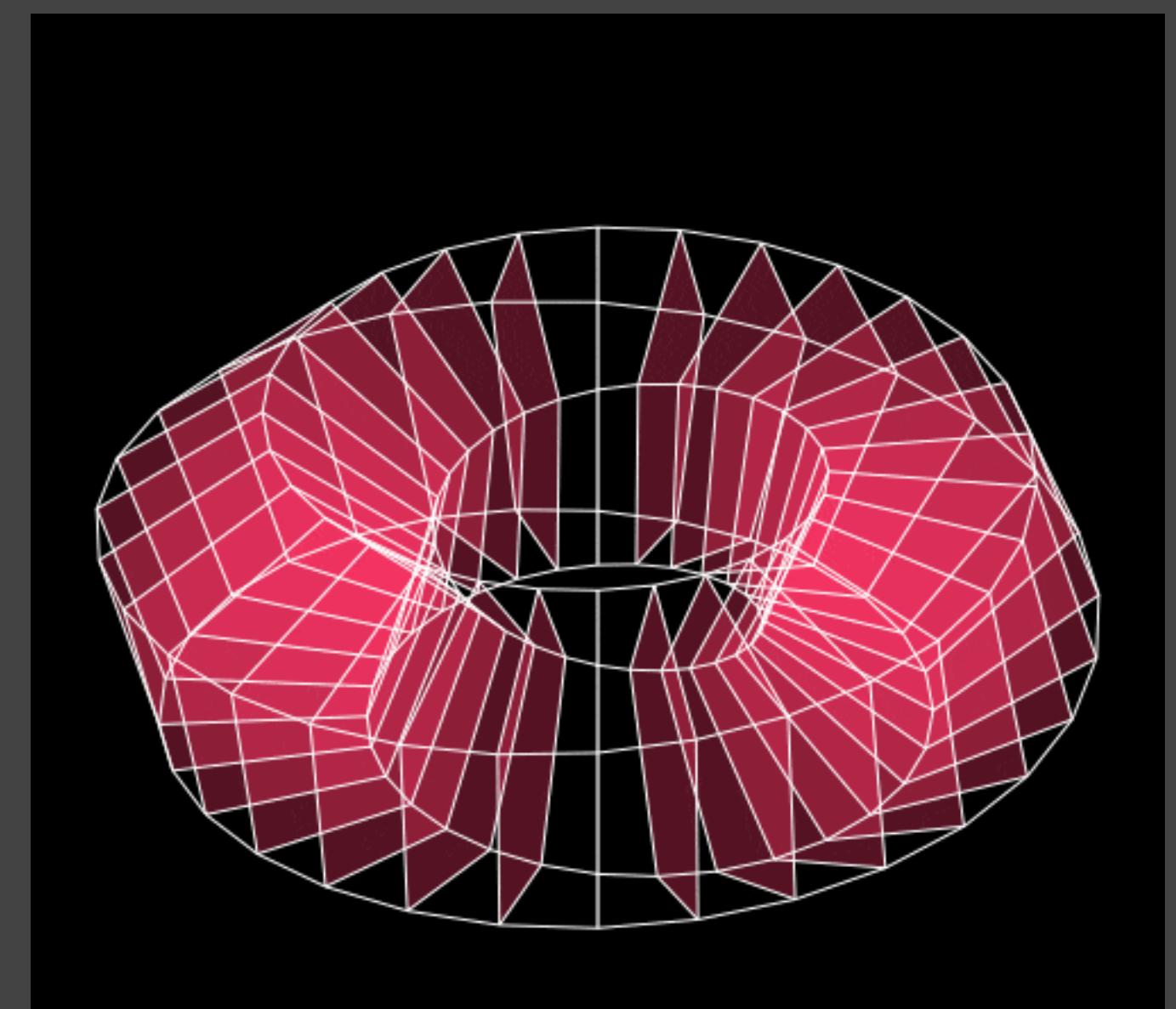
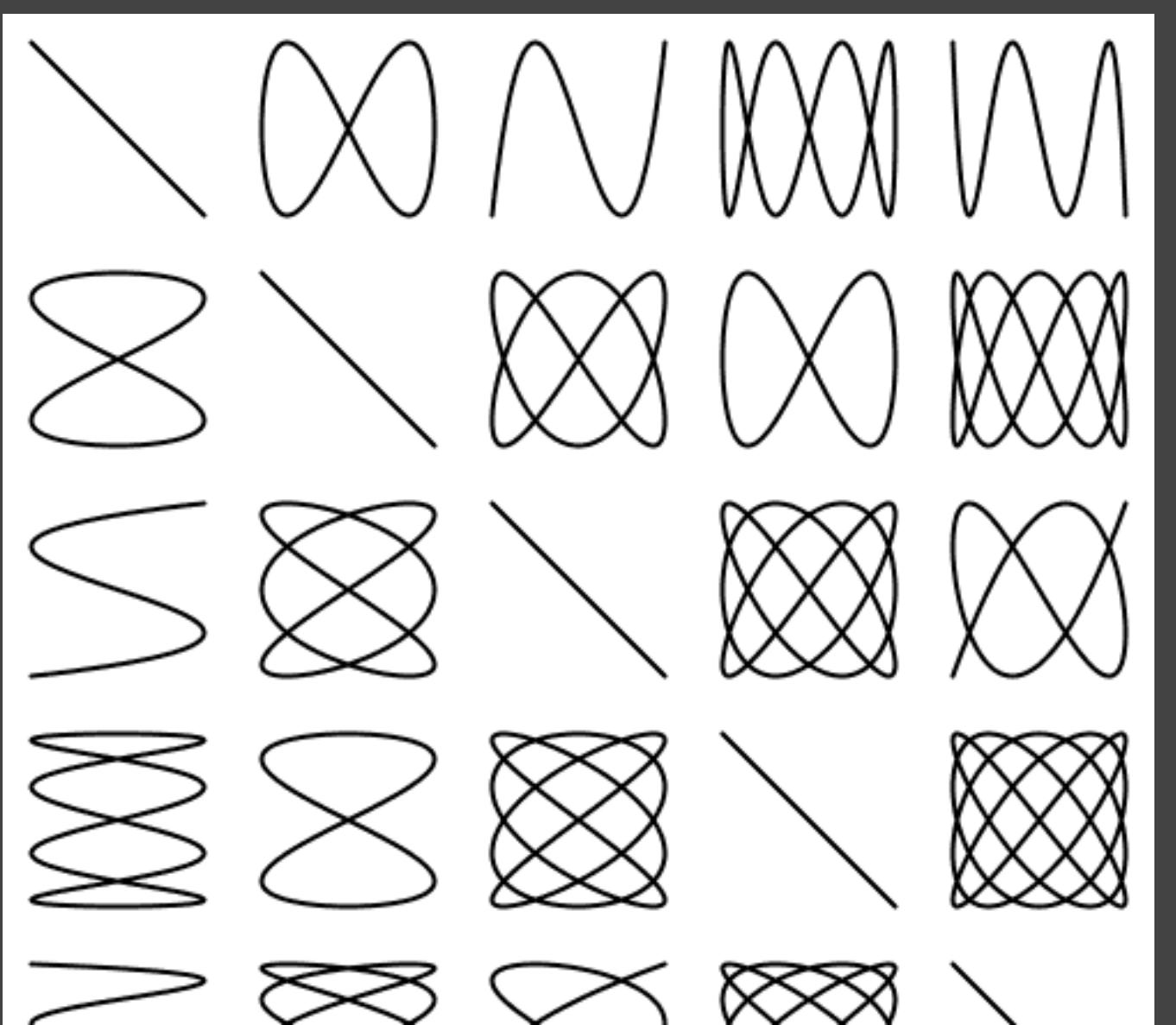
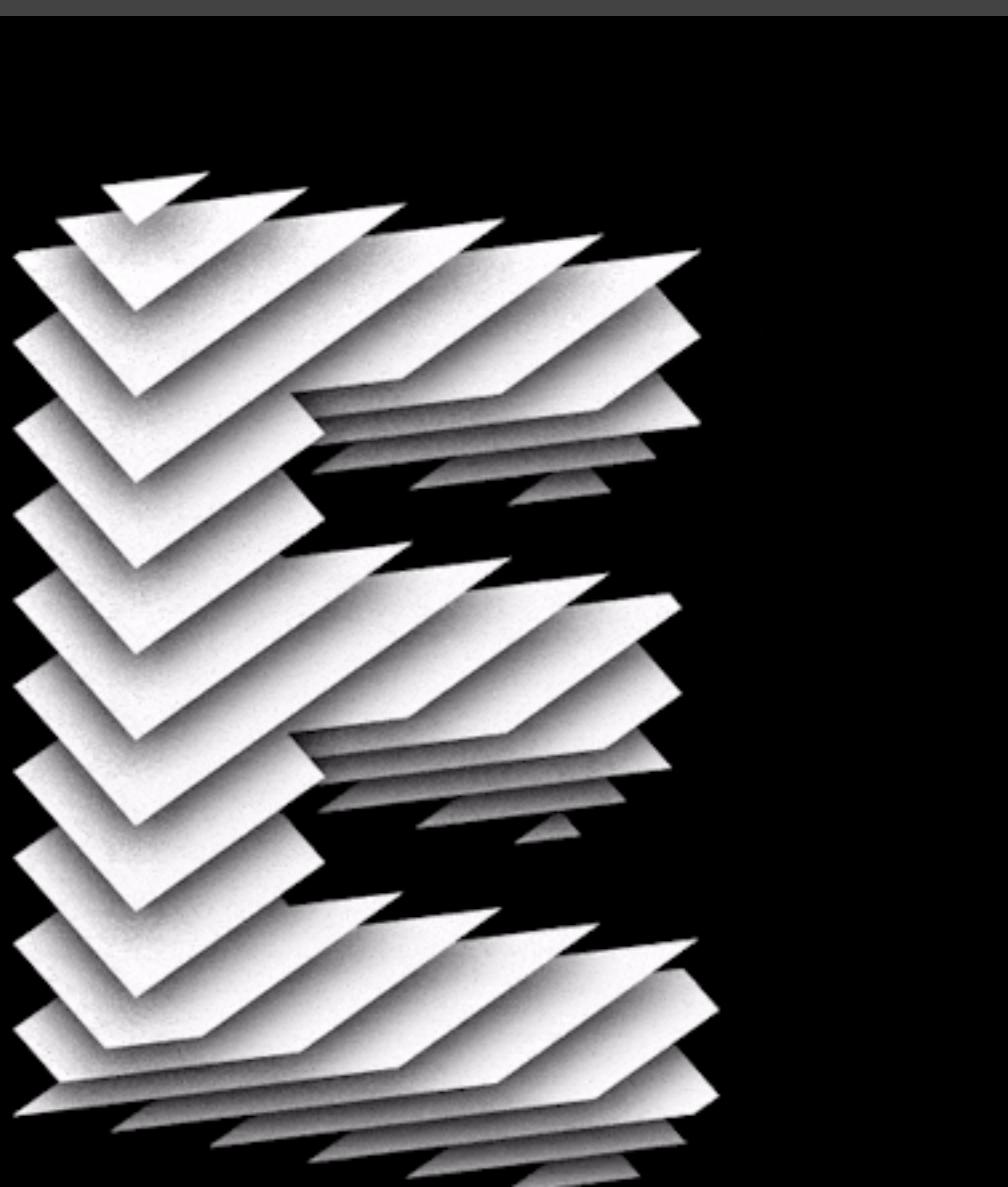
Daily Drawbot



[dailydrawbot.tumblr.com](http://dailydrawbot.tumblr.com)



Just van Rossum



# Caribbean Mental Health Foundation

## Agyei Archer

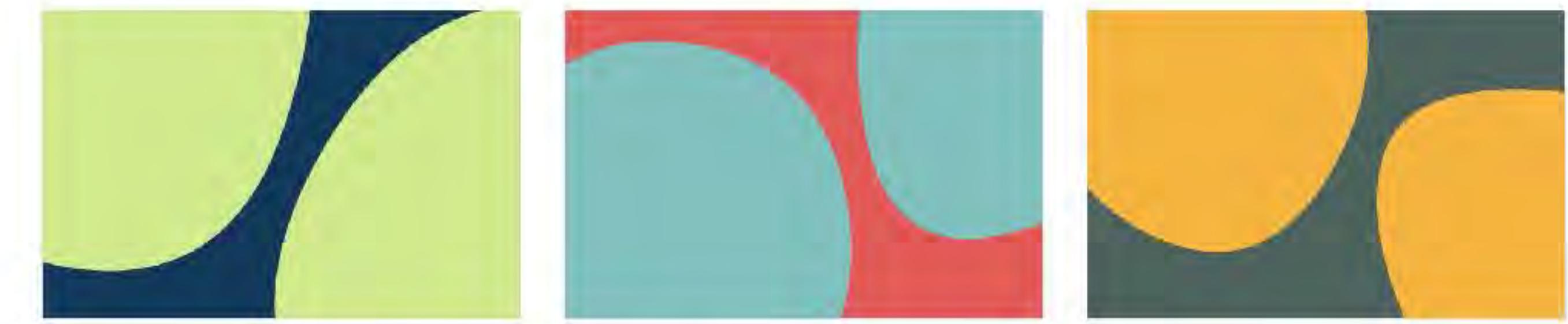


## What's Going On?

ANXIETY



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CARIBBEAN MENTAL HEALTH FOUNDATION  
[CARIBBEANMENTALHEALTH.ORG](http://CARIBBEANMENTALHEALTH.ORG)



# Related Projects

# Drawbot Skia

## Just van Rossum

[github.com/justvanrossum/  
drawbot-skia](https://github.com/justvanrossum/drawbot-skia)

[skia.org](https://skia.org)

The GitHub repository page shows a list of files including .github/workflows, src/drawbot\_skia, tests, .gitignore, .pyup.yml, CHANGELOG.md, LICENSE.txt, README.md, requirements-dev.txt, requirements.txt, setup.cfg, and setup.py. The Skia website page displays its main navigation menu with sections like SKIA GRAPHICS LIBRARY, USER DOCUMENTATION, Samples and Tutorials, Release Information, and Library Modules. It also features a Showcase section with examples of shapes and Bezier curves.

**justvanrossum / drawbot-skia**

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**Code** Issues 3 Pull requests 17 Issues 3 Pull requests 17

master 3 branches

justvanrossum Implemented

- .github/workflows
- src/drawbot\_skia
- tests
- .gitignore
- .pyup.yml
- CHANGELOG.md
- LICENSE.txt
- README.md
- requirements-dev.txt
- requirements.txt
- setup.cfg
- setup.py

README.md

github.com/justvanrossum/drawbot-skia justvanrossum/drawbot-skia

Skia.org Skia Graphics Library

Community Issues Reference Playground ENHANCED

# Skia Graphics Library

Skia is an open source 2D graphics library which provides common APIs that work across a variety of hardware and software platforms. It is used as the graphics engine for Google Chrome and Chrome OS, Android, Flutter, Mozilla Firefox and Firefox OS, and many other products.

Skia is sponsored and managed by Google, but is available for use by anyone under the BSD Free Software License. While engineering components is done by the Skia development team, we consider contributions from any source.

- Canonical source tree: [skia.googlesource.com/skia](https://skia.googlesource.com/skia).
- Issue tracker: [bug.skia.org](https://bug.skia.org).
- Discussion forum: [skia-discuss@googlegroups.com](mailto:skia-discuss@googlegroups.com).
- API Reference and Overview: [skia.org/user/api](https://skia.org/user/api).
- Skia Fiddle: [fiddle.skia.org](https://fiddle.skia.org).

## Showcase

Click on any image below to see the source code that generated the image.

### Shapes

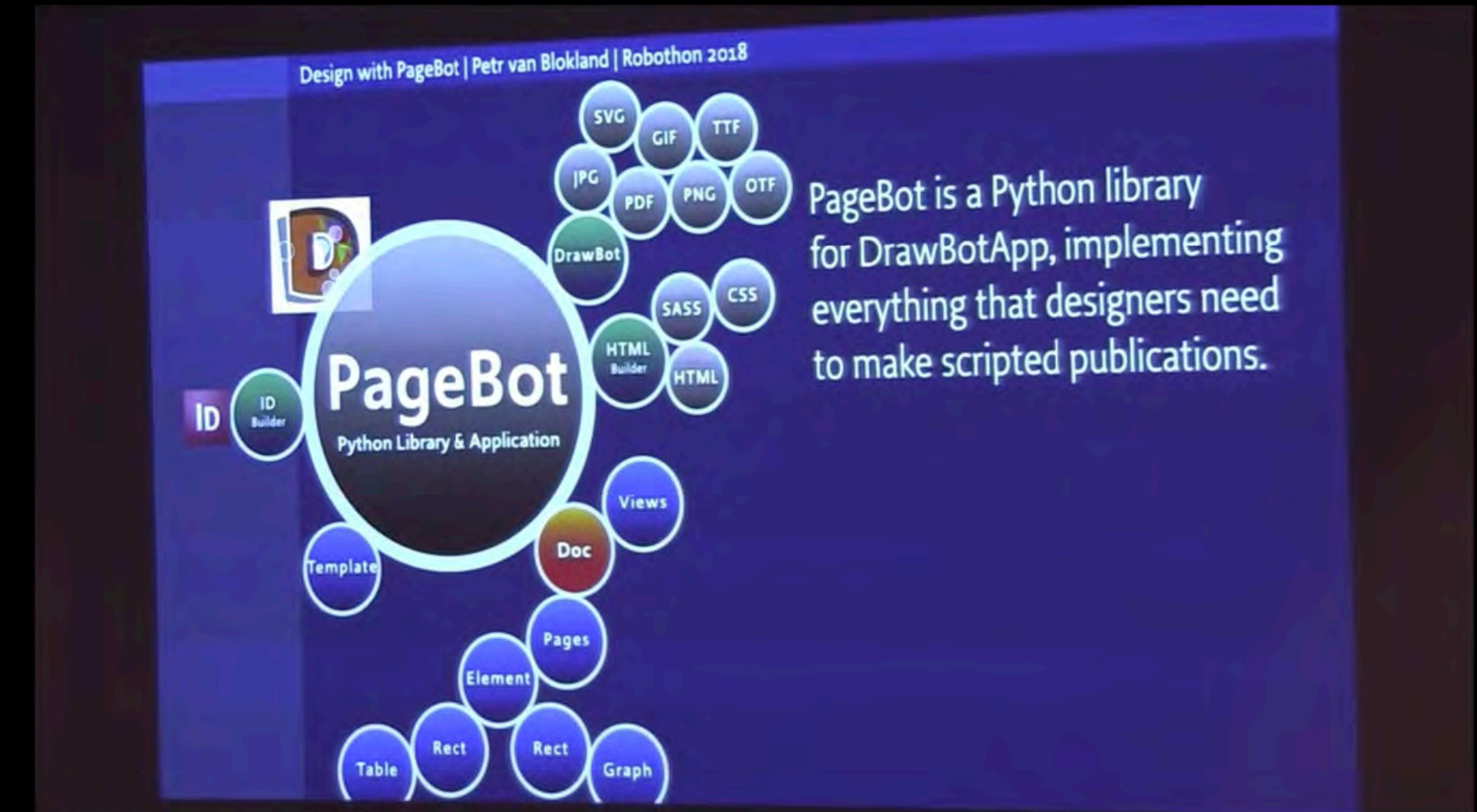
### Bézier Curves

Skottie - Lottie Animation Player

# PageBot

Buro Petr van Blokland  
+ Claudia Mens

Robothon  
2018



# Flat

Juraj Sukop

The screenshot shows two browser windows. The main window displays the homepage of the Flat library, featuring a generative art piece composed of overlapping curved bands in various colors (blue, green, red, purple). Below the image, the title "Flat — Generative infrastructure for Python" is followed by a detailed description of the library's purpose and capabilities. A "Content" section lists links to "Features", "Core concepts", "Tutorial", "Examples", and "API reference". The second window, titled "Tutorial", shows a Python code snippet demonstrating how to create a document with a circle, text, and an image, and then export it to various formats like PNG, SVG, and PDF.

**Flat — Generative infrastructure for Python**

Flat is a library for creating and manipulating digital forms of fine arts. It enable experimentation with and testing of unpredictable or automated processes, to inspect the beginning of the "new".

It grew out of the needs for generative design, architecture and art. The of "design" is more of a subject of study yet to be delved into, hence the term for subtitle is "infrastructure".

It is written in pure Python and distributed under a liberal license.

**Content**

[Features](#)  
[Core concepts](#)  
[Tutorial](#)  
[Examples](#)  
[API reference](#)

**Tutorial**

```
from flat import rgb, font, shape, strike,   
red = rgb(255, 0, 0)  
lato = font.open('Lato-Reg.otf')  
figure = shape().stroke(red).width(2.5)  
headline = strike(lato).color(red).size(20,  
  
d = document(100, 100, 'mm')  
p = d.addpage()  
p.place(figure.circle(50, 50, 20))  
p.place(headline.text('Hello world!')).frame()  
p.image(kind='rgb').png('hello.png')  
p.svg('hello.svg')  
d.pdf('hello.pdf')
```

Short commentary:

We first prepared some invariants which we are going to use: a typeface, some RGB color or a typeface we opened from a file. Then we created objects of `shape` and `strike` as of customizable factories which return objects, for example lines or spans of text.

Next is the basic document hierarchy with just one page placed into. The origin of coordinate system (0, 0) is at the top-left corner. Most of the time the default unit is "points" (1 inch = 72 points). Some objects have some additional properties as position or frame. They define the boundaries inside whose the text may run. As Flat can handle both text and images, we can place them together.

ColdType

Rob Stenson

**COLD  
TYPE**

*Goodhertz*

LAX

Vulfpeck



**A quick  
overview!**

**TEXT  
SHAPE  
IMAGE  
CANVAS**

`text()`

`textBox()`

`FormattedString`

`rect()`

`polygon()`

`line()`

`BezierPath`

`oval()`

`arc()`

`image()`

`imagePixelColor()`

`ImageObject`

`rotate()`

`skew()`

`width()`

`fill()`

`translate()`

`scale()`

`height()`

`stroke()`

Okay then,  
let's code.