

Materiality on the Web

So Jung Yoon and Lucy Pham

ma·te·ri·al·i·ty

/mə'tirē'älədē/

noun

the quality or character of
being material or composed of
matter.

print.js

Print.js was primarily written to help us print PDF files directly within our apps, without leaving the interface, and no use of embeds. For unique situations where there is no need for users to open or download the PDF files, and instead, they just need to print them.

There are four print document types available: 'pdf', 'html', 'image' and 'json'.

The default type is 'pdf'.

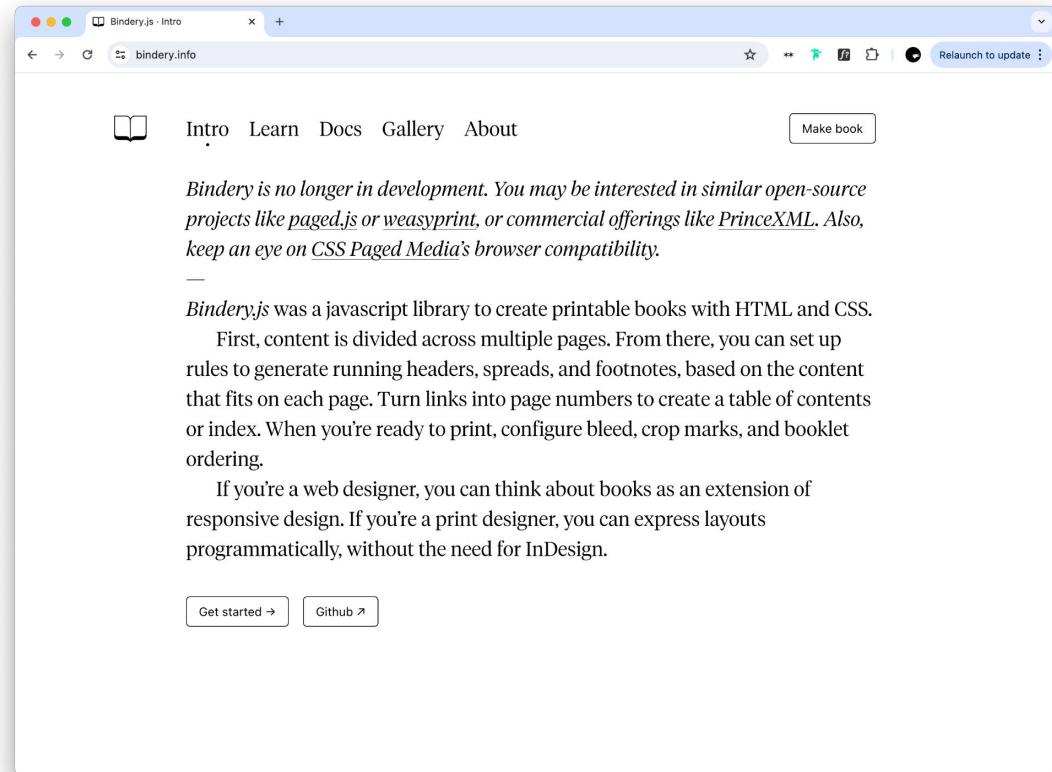
Code as Creative Medium

Bindery.js

Bindery relies on your browser's PDF generation. (Bindery is no longer in development.)

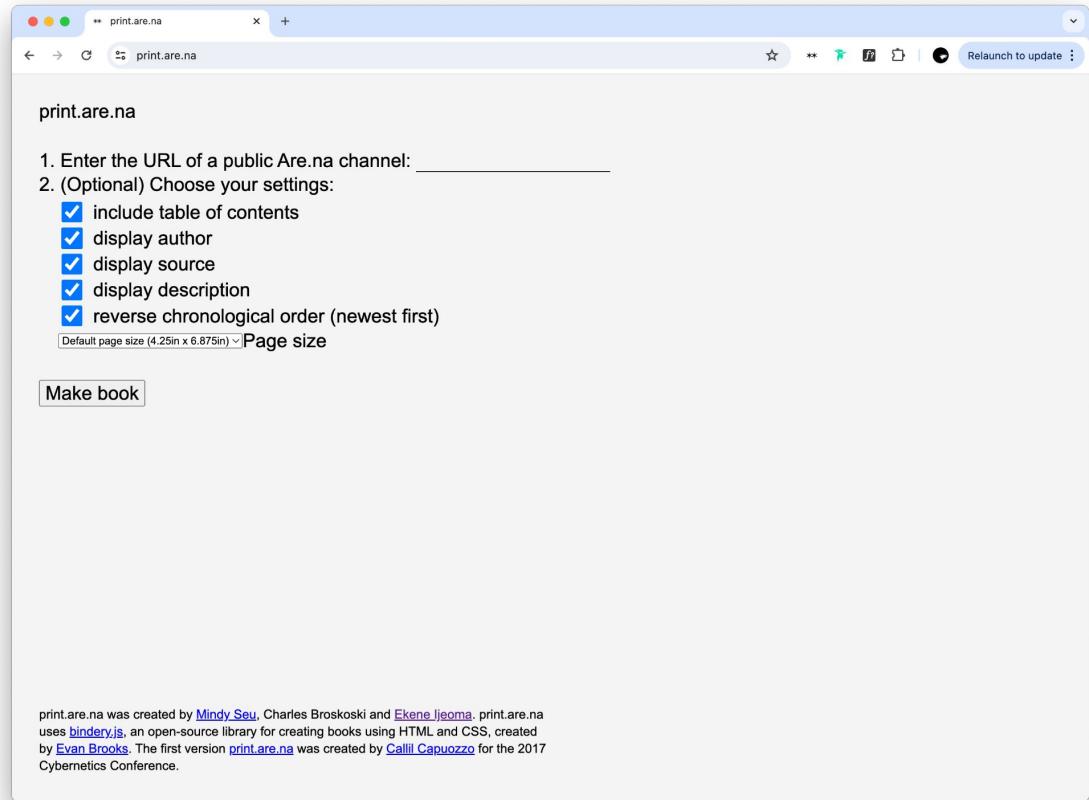
Bindery.js 1.0 was developed in Spring 2014 for *for/with/in*, a publication from participants in the graphic design course HTML Output at RISD.

Bindery.js 2.0 has been developed since February 2017 by Evan Brooks. It has been rewritten from scratch to be smaller, faster, more flexible, and more robust. (With thanks to John Caserta and Teddy Bradford for contributions and feedback.)



→ Books & tools made with bindery.js

: print.are.na



→ Books & tools made with bindery.js

: print.are.na

The screenshot shows a web browser window for the Are.na platform. The URL is `are.na/minkyung-kim/readings-titvq4asfz8`. The page title is "Readings | Are.na". The main content area displays a "Readings" channel for "Minkyung Kim". The channel has 14 followers. A message in the center states: "You've reached your block limit. Upgrade to a Premium to get unlimited blocks, reader mode, table view and more." Below this message are four thumbnail previews of individual posts or documents.

Info This channel appears in View

Random things that I currently read Connect →

Started	over 4 years ago
Modified	18 days ago
Length	227
Followers	14

You've reached your block limit.
Upgrade to a Premium to get unlimited blocks, reader mode, table view and more.

Upgrade to Premium

Square Pixel Inventor Tries to Smooth Things Out

What impact is AI having on entry-level junior creative jobs?

Will AI become the new McWayne?

I probably missed something important in the conversation

→ Books & tools made with bindery.js

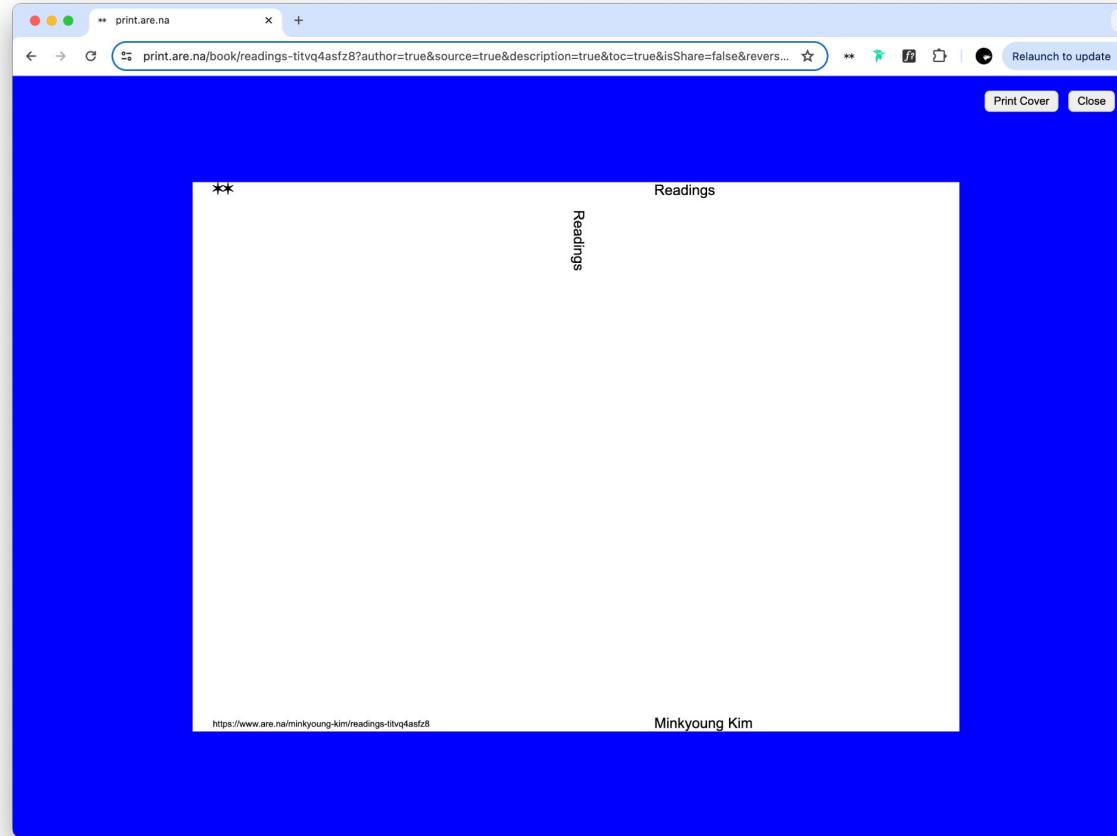
: print.are.na

The screenshot shows a web browser window with the URL print.are.na/book/readings-titvq4asfz8?author=true&source=true&description=true&toc=true&isShare=false&revers.... The page displays a table of contents for a publication. The left sidebar has a 'Grid' dropdown. The main content area shows two columns of the table of contents.

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: print.are.na





THE SCULPTURES OF THE ROMAN *VILLA* OF CHIRAGAN

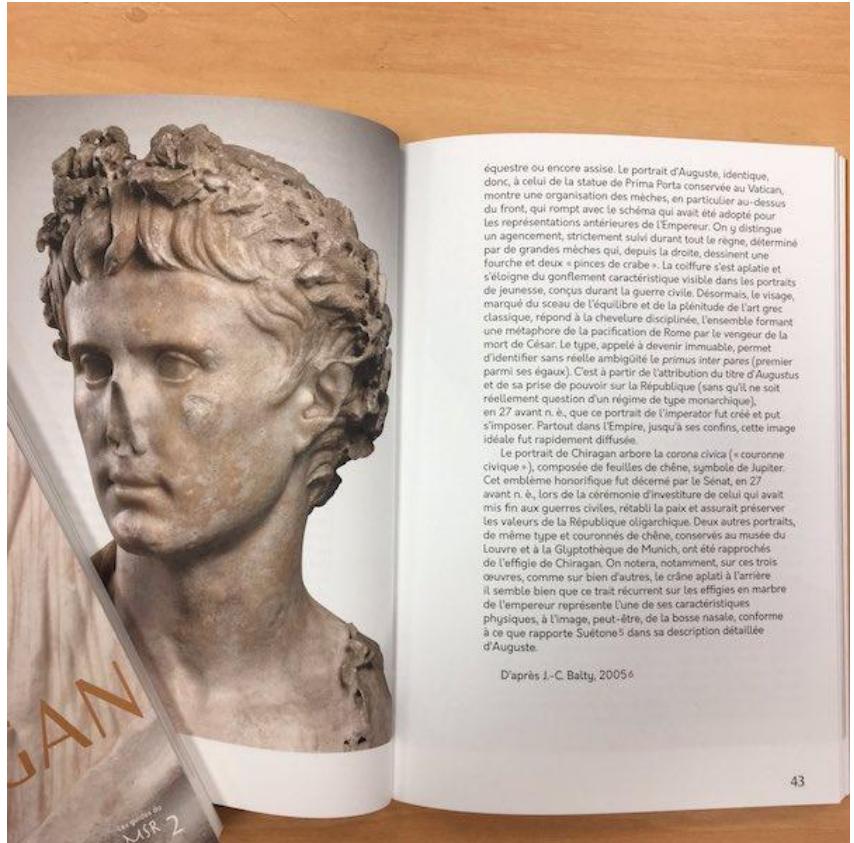
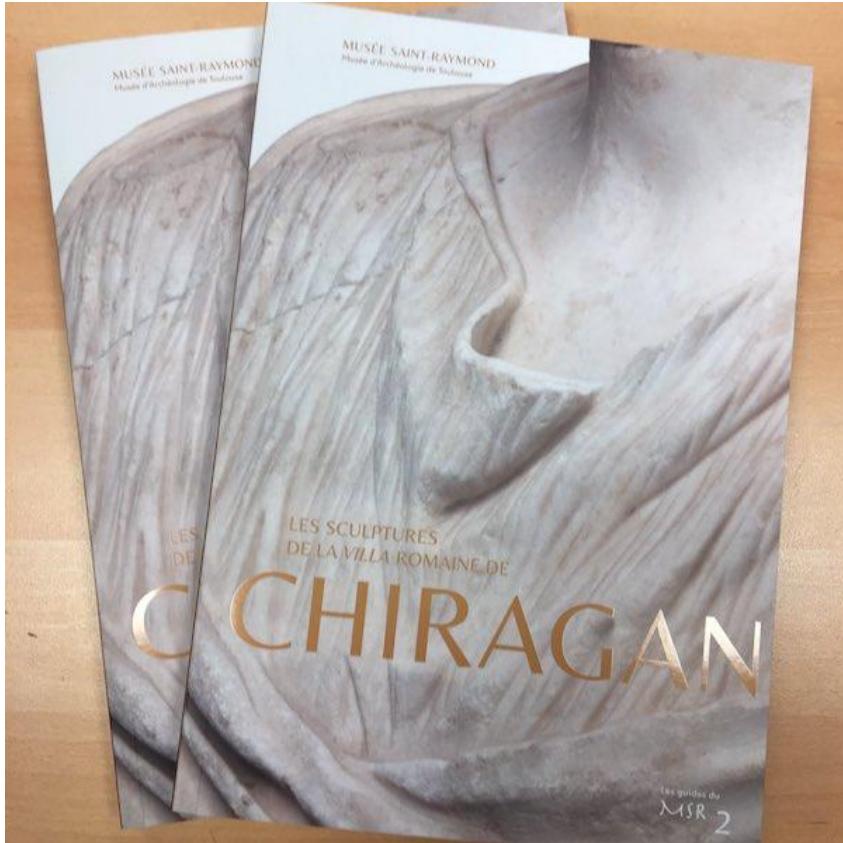
Musée Saint-Raymond

Toulouse Archaeology Museum

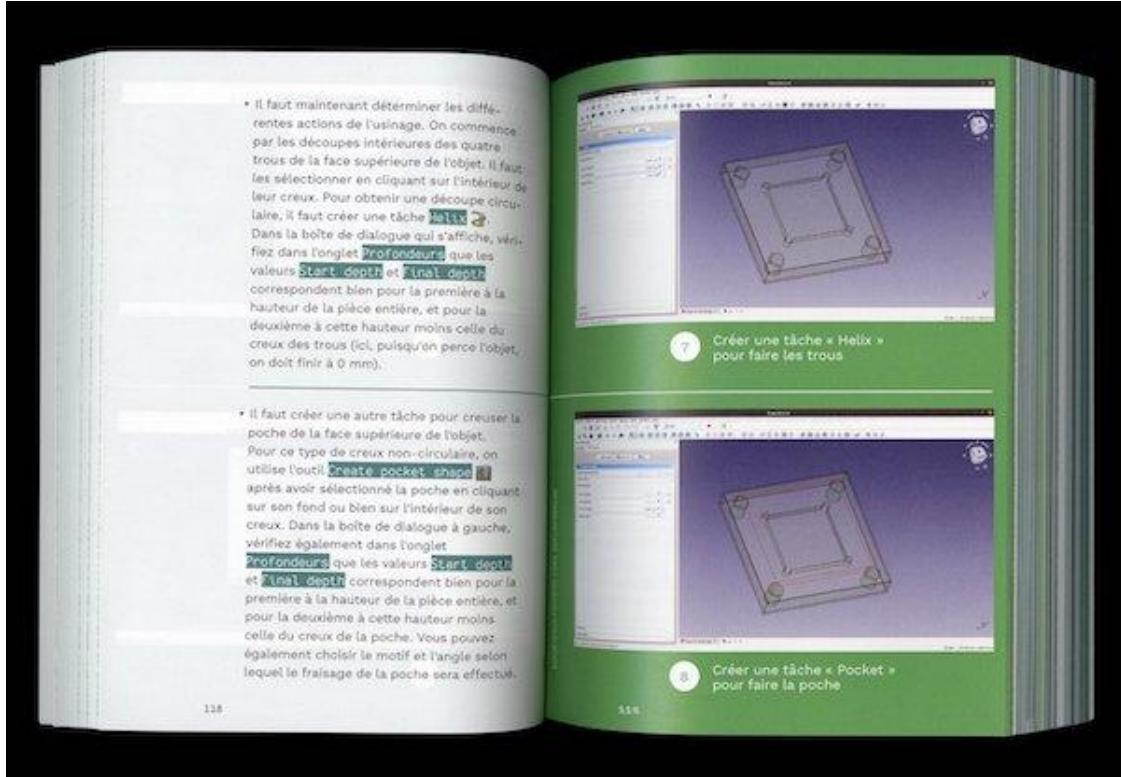
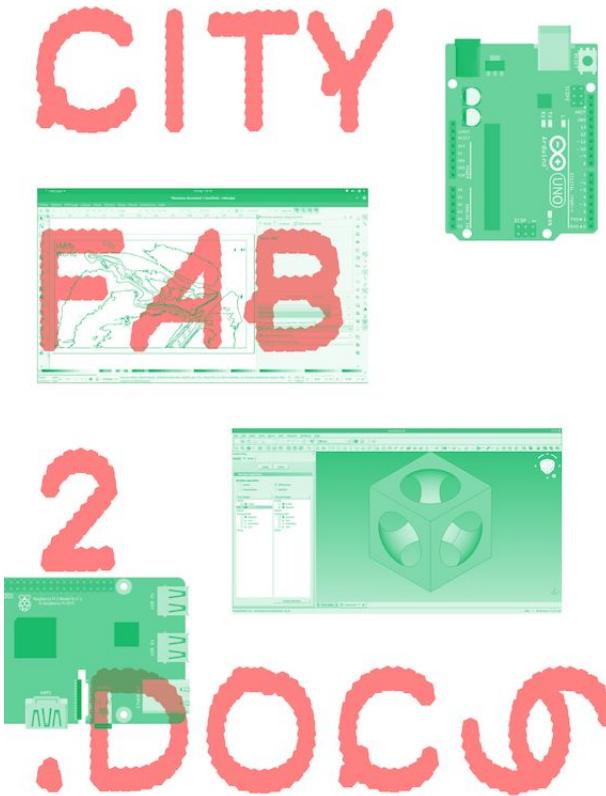
0



The discovery of dozens of marble sculptures on the site of the Roman villa of Chiragan in Martres-Tolosane in the 19th century remains to this day one of the most impressive feats of French archaeology. So many pieces have not been found at any other ancient site in France, and only a few sites throughout the ancient lands of the Roman empire, such as Emperor Hadrian's villa in Tivoli or the villa of the Papyri in Herculaneum, can bear witness to such a collection of marble pieces in a private context.

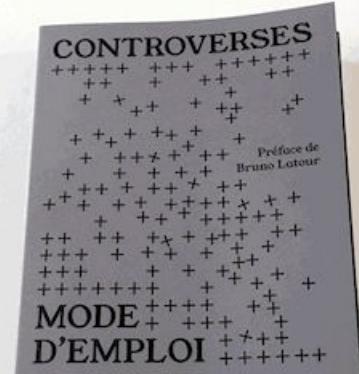


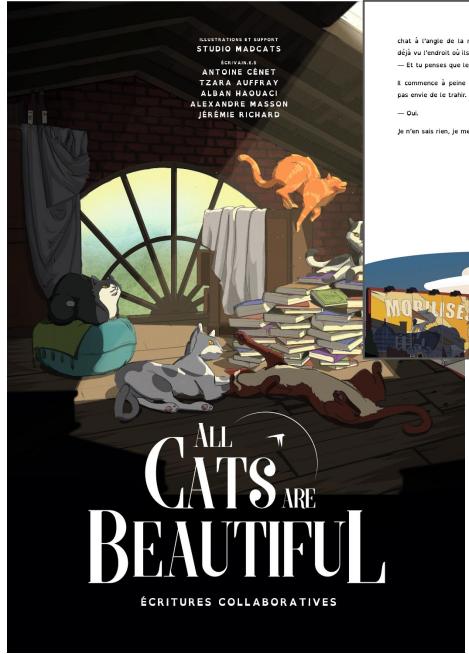
D'après J.-C. Batty, 2005



+ uncertainty + + + + + + + + + + + + +
+ means knowing how to + + + + + + +
+ get lost + + + + + + + + + + + + +
+ in complexity + + + + + + + + + + +

CONTROVERSIES
INSTRUCTIONS
FOR USE





This is a big title on left page, with text on columns

This is another big title, on a page full of work presentation

We present you some of WeasyPrint's features.

Big title on left page, with text on columns

This is a little subtitle, here to explain what we are talking about

Text content in columns

Table of contents

Heading titles and page counters

Multi-column text

Internal links

Different page types

THEODORE MARCELIN

CDG → LFLL

FLIGHT GATE SEAT ZONE

DL31 29 26E 4

5:10PM DEC 15, 2018 COACH

Barcode

THEODORE MARCELIN

FLIGHT GATE SEAT ZONE

DL31 29 26E 4

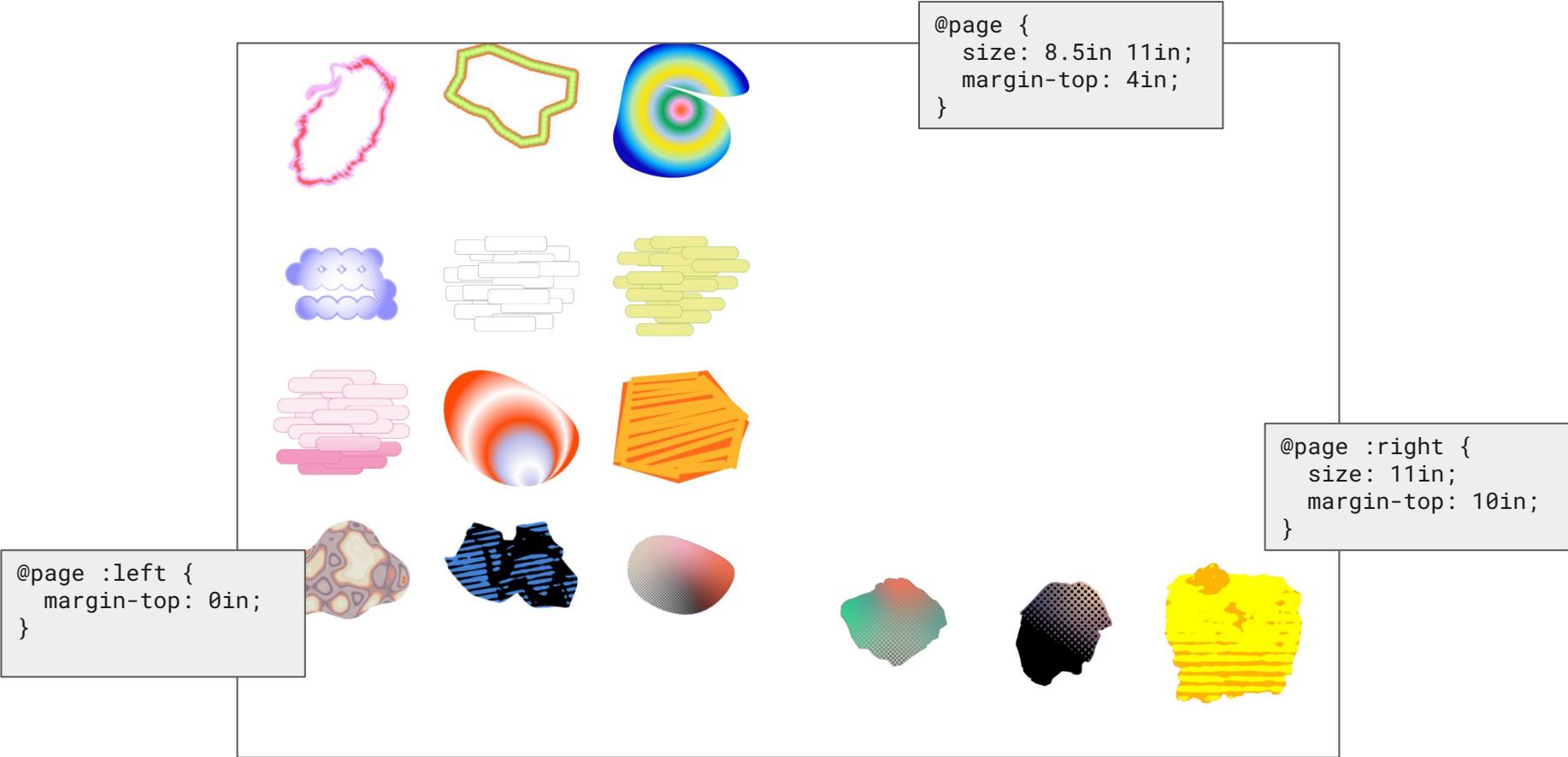
CDG → LFLL 5:10PM

Barcode

@page ([Link](#)) and @media print

```
@page {  
    size: 8.5in 11in;  
    margin-top: 4in;  
}  
  
/* Targets all even-numbered pages */  
@page :left {  
    margin-top: 4in;  
}  
  
@page :right {  
    size: 11in;  
    margin-top: 4in;  
}
```

@page ([Link](#)) and @media print



@page ([Link](#)) and @media print

```
.grid {  
    grid-template-columns: repeat(4, 1fr);  
}  
@media print {  
    .nav {  
        visibility: hidden;  
    }  
    .grid {  
        grid-template-columns: repeat(3, 1fr);  
    }  
}
```

Example of @media print

cyberfeminism index

symbols until one loses their base humanity. Maybe both. But, luckily for me, I'm also (if it's not clear already) a drama queen. And drama queens are blessed and cursed with the delectable ability to connect their banalities with Tragic themes like universal love, righteous crimes, and forests of magic. They are the ideal storytellers. This is an ethnographical report about the dissemination of information on a digital platform. It is also a story about the desire to find ourselves in others' words, and the power of those words to create identity with their spread.

*Editor's Note: The final page of Freider's dissertation reads: "Please distribute and quote the content of this piece freely. However, I would appreciate my name, Ester Freider, being acknowledged for direct quotations of my writing, as well as terms such as 'girblogging', 'wetness', and 'pirate feminism', that I created or repurposed through my theorization." *

2022, Ester Freider, B.A. Arts Criticism dissertation, Central Saint Martins, excerpt from p.6, "Introduction: The Beauty of the Baud"; submitted by Ester Freider

<https://www.are.na/block/20684314>

<https://www.are.na/ester-freider/i-m-like-a-pdf-but-a-girl>



- ⑥57 2022 Cyberfeminist Timelords
- ⑥58 2022 The Encyclopaedia of Female Archetypes
- ⑥59 2023 Cybercultures and Cyberfeminisms

- ⑥60 2023 MsGlitch403

V Barratt
Tasha Dezelsky
Jeannine Tang, Irina Aristarkhova, María Fernández, Mindy Seu, Margaret Tan
Irayna Lin, Susan Chen, Lydia Pochueva, Joey Ye, Jingtian Zong

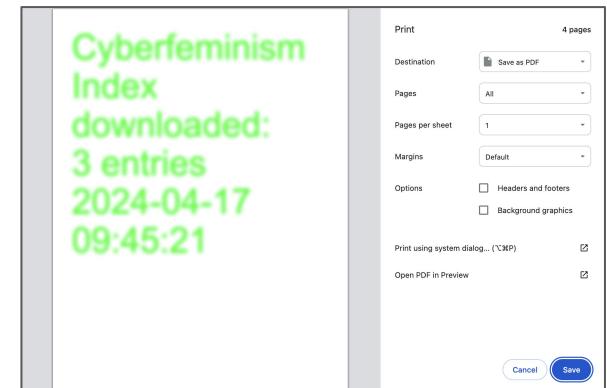
① A Cyborg Manifesto:
Science, Technology, and
Socialist-Feminism in the
Late Twentieth Century

② Systers

⑤56 I'm like a pdf but a girl:
Girblogging as a nomadic
pedagogy

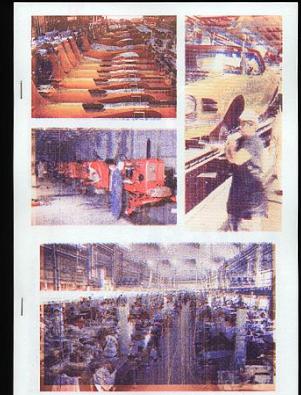
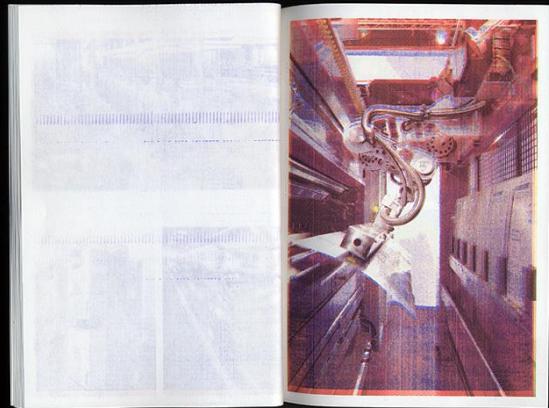
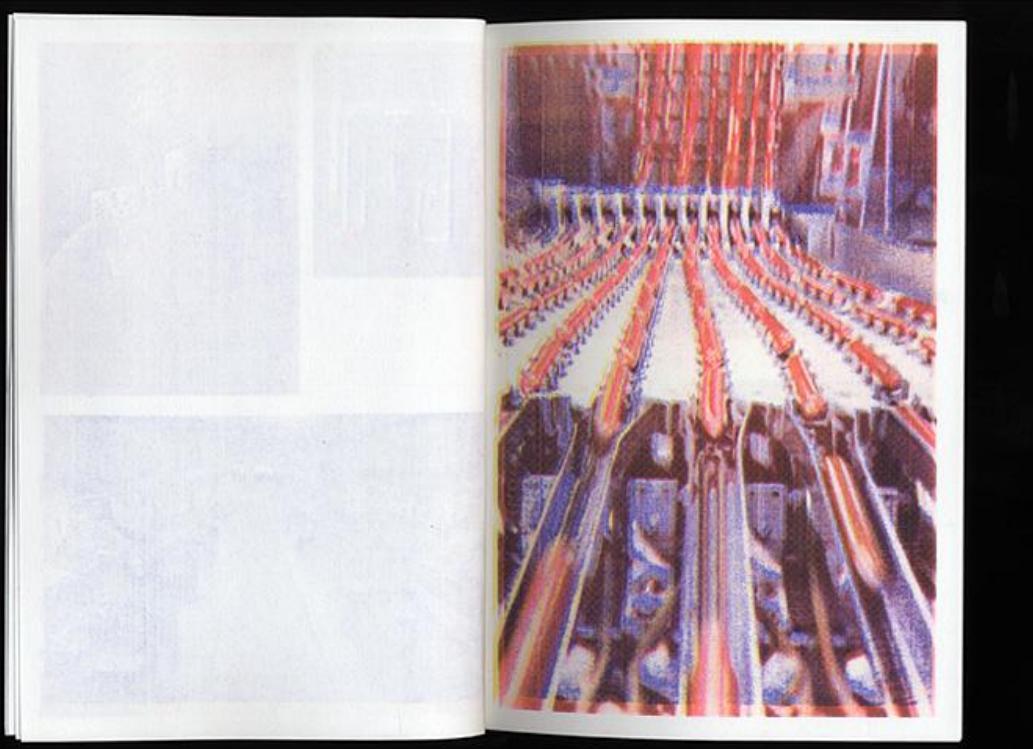
Donna
Haraway

Anita Borg
Ester Freider





Xavier Antin Just in Time, or A Short History of Production



Xavier Antin Just in Time, or A Short History of Production



PRODUCTION

On a Short History
of Desktop Publishing

MAGENTA

Stencil Duplicator, 1880

The stencil duplicating process was patented by Thomas Edison in 1880 and few years later released by A.B. Dick under the name 'Edison Photostatic'. It was one of the first contemporary Ricoh and RisoGraph. It was the most effective desktop printing device and was able to produce up to a few thousand prints from the privacy and comfort of one's own home, allowing anyone who was so inclined to head their own small scale publishing enterprise. It paved the way for the future democratisation of publishing, creating space for the low-budget and the amateur, the independent and the dissident.

During this very same year of 1880, the economist Alfred Marshall was working on his influential essay "The Principles of Scientific Management", that was to be the directing principle of industrial production in the 20th century. In contrast to mimeographing, Taylorism reduced the workers' skill to a single task in a chain of many, alienating him from the fruits of his own labour.

CYAN (ALIKE)

Spirit Duplicator, 1923

The spirit duplicator was introduced on the US market by Orlitz Inc. in 1923 and was mainly used for very small-scale publishing purposes (up to a few hundred copies) like internal journals, company correspondence, event programmes and pamphlets. The spirit process doesn't require any ink, but a special master - covered with a Purple/blue paste called Aniline - and a solvent, usually methylated spirit. The practical aspect of this inkless process (meaning no stained fingers) made it popular up until the 70s for church and school printouts but also for Communism pamphlets in mid 20th century USA, who used it to avoid being caught with the proverbial red-hand.

Xavier Antin, London, 2010
Printed thanks to the help of Sophie Demay,
Pedro Cid Proenca and Marine Duroseille.

BLACK

Laser Printer, 1982

The laser printer is a digital improvement of the photocopier developed in the Xerox Research Center in Webster. The first prototype was produced in 1969, but more than a decade would pass before the first desktop laser printer, the Xerox Star 8010, was commercially released in 1981.

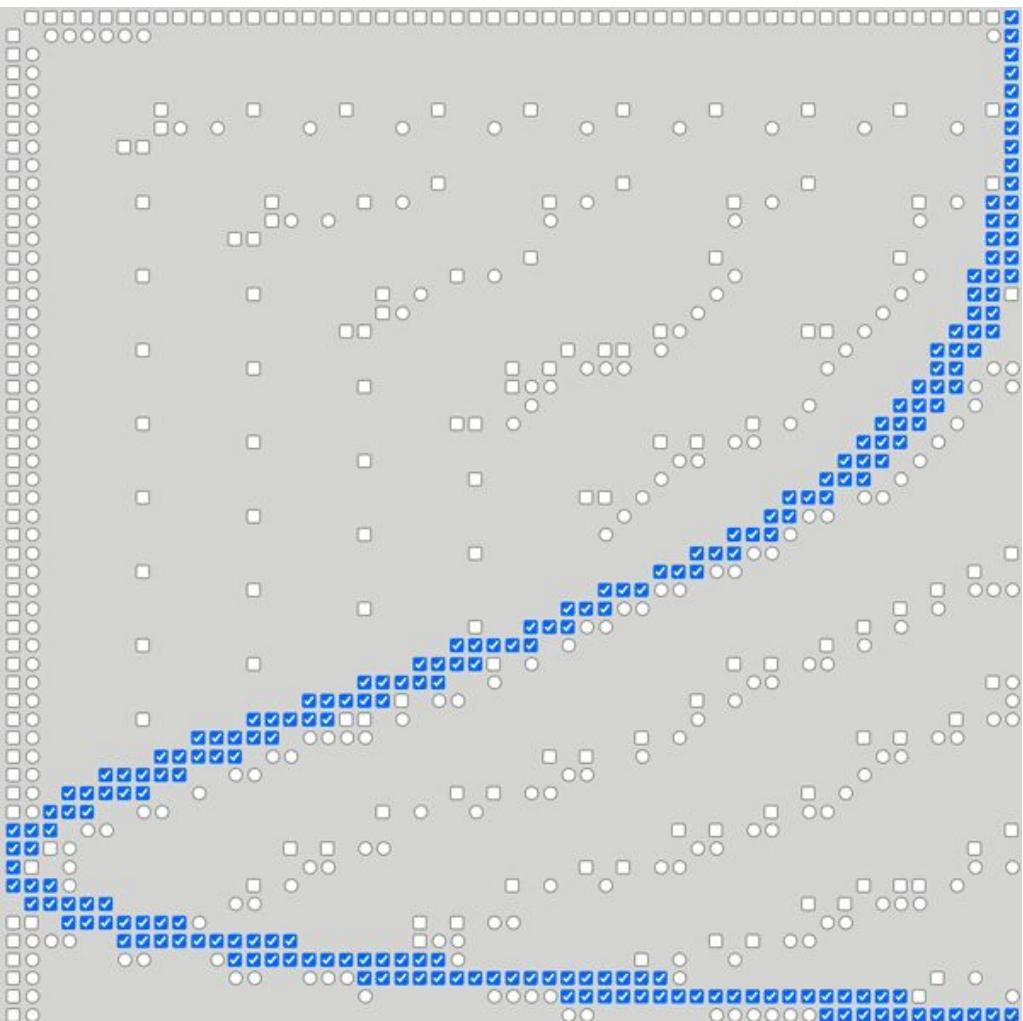
The development of the photocopier was an equally long and protracted process. The first office sized machine, the Xerox 914, was released in 1959, twenty years after Xerox founder Chester Carlson made the first photocopy, manually, in the backroom of his house. The 914 model was so popular that a person could buy one for \$1000, but for much Xerox's sales expectations for the entire life of the product. Progressively invading offices, school and libraries during the 80s, the photocopier deeply affected the public's relation to the way information circulates. It influenced the 1976 revision of American copyright law, which implemented the notion of 'fair-use', allowing people to use copyrighted material without permission for quotation purposes and limited numbers of photocopies for educational purposes.

YELLOW
Inkjet Printer, 1976

The first inkjet printer was produced in 1976, but it didn't reach home consumers until 1984 with the first HP Deskjet. The main technical aspect of the process is contained in the printhead while the rest of the printer is barely a platter. The development of inkjet printers saw the parallel growth of its lucrative ink supply business and the rise of a culture of ink refilling and modification in the machines, turning the user into a dependent consumer. The last decade has seen a constant increase in the most varied forms of user-led hacking, from ink refill systems to printers turned into cutting plotters, t-shirt or circuit board printers.

First edition of 100
First run of 39
Copy number 17

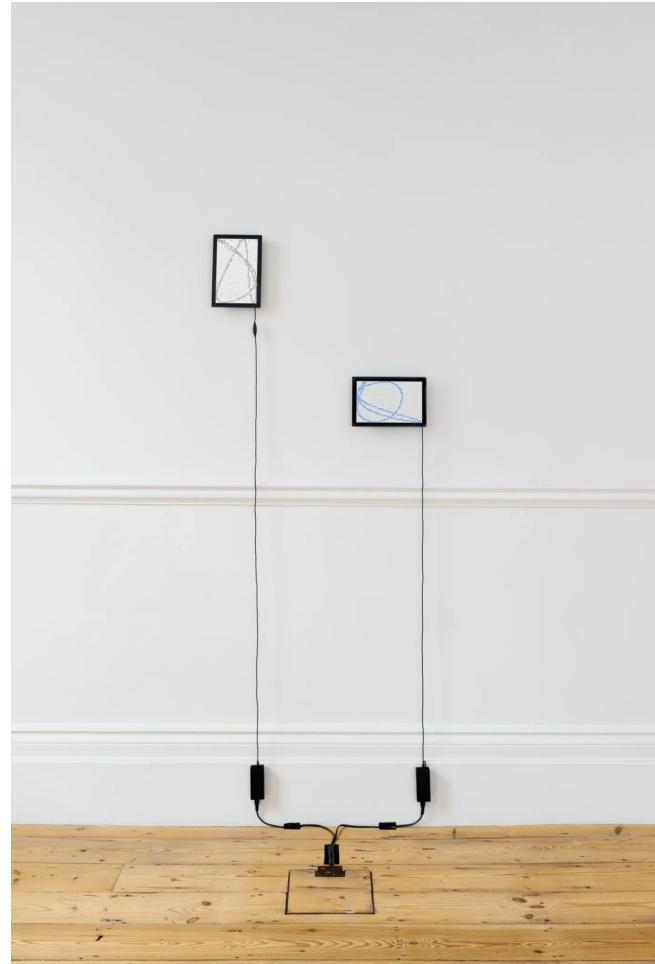
John Provencher HAHA



John Provencher HAHA



John Provencher HAHA



Harold Cohen's AARON



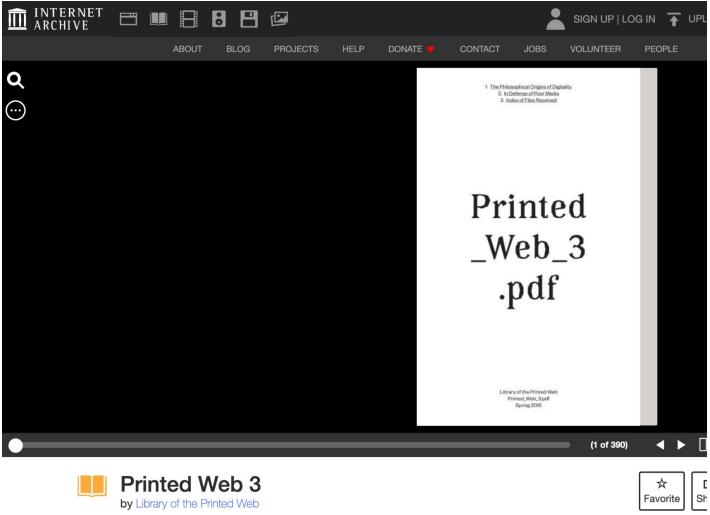
Harold Cohen's AARON



Previously Recorded

Library of the Printed Web





ON PUBLISHING GRAPHIC DESIGNERS WHO PUBLISH

Edition 1813, Collated
April 17, 2024 at 9:38



LOW←TECH MAGAZINE

This is a solar-powered website, which means it sometimes goes offline

[About](#) | [Low-tech Solutions](#) | [High-tech Problems](#) | [Obsolete Technology](#) | Offline Reading | Archive | Donate | NTM | [RSS](#)

How to Escape From the Iron Age?

We cannot lower carbon emissions if we keep producing steel with fossil fuels.

March 18, 2024



573 33KB



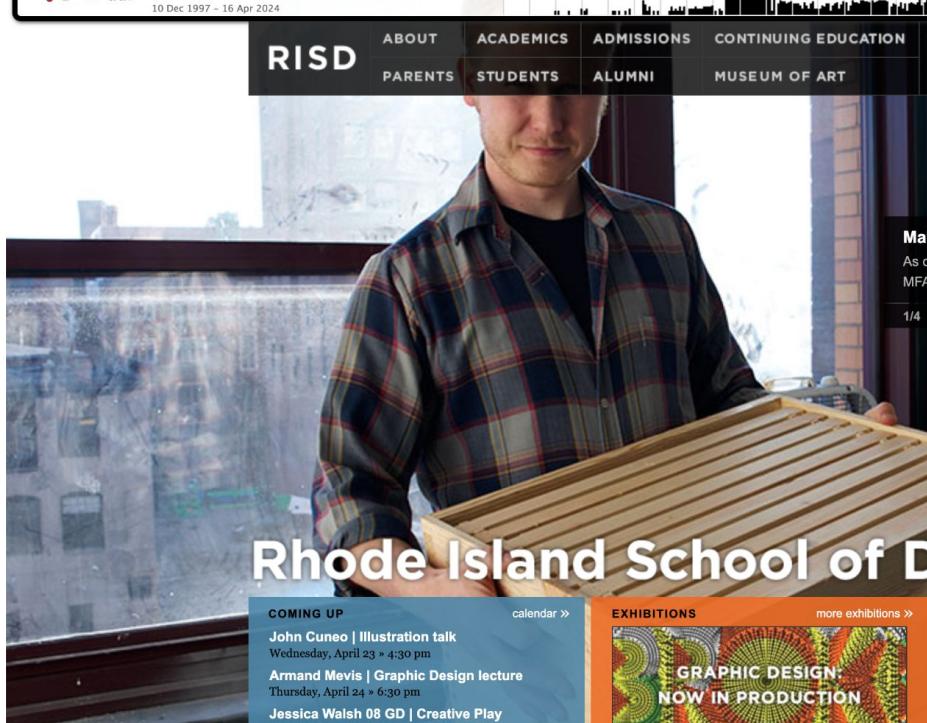
INTERNET ARCHIVE
Wayback Machine

<http://risd.edu/> 8,934 captures 10 Dec 1997 – 16 Apr 2024

MAR APR MAY
23 ▶ 2013 2014 2015 ▾ About this capture

RISD ABOUT ACADEMICS ADMISSIONS CONTINUING EDUCATION
PARENTS STUDENTS ALUMNI MUSEUM OF ART

APPLY to RISD EVENTS SEARCH PEOPLE + PAGES



Maharam Fellows Work for Social Change
As one of nine students to earn funding, Blake Hiltunen MFA 14 SC will intern as a beekeeper this summer.

1/4 ← →

Rhode Island School of Design

COMING UP calendar >
John Cuneo | Illustration talk
Wednesday, April 23 » 4:30 pm
Armand Mevis | Graphic Design lecture
Thursday, April 24 » 6:30 pm
Jessica Walsh 08 GD | Creative Play

EXHIBITIONS more exhibitions >
 **GRAPHIC DESIGN: NOW IN PRODUCTION**

NEWS more news >
FICTITIOUS DISHES
Dinah Fried MFA 13 GD focuses on food
Outstanding young landscape architects
Courtney Kirk MLA 07 makes *40 Under 40* list
COSMOS helping to popularize science

VERSION CONTROL on Github

The screenshot shows a GitHub repository interface for the user 'lucypham' with the repository name 'viet-gd'. The top navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. A search bar is also present.

Commits

The main area displays a list of commits:

- main** (selected branch)
- All users** (filter)
- All time** (filter)

Commits are grouped by date and author:

- Mobile** (lucypham committed 3 days ago · ✓ 3 / 3) - Commit ID: 6870558
- Adding links to the navbar** (lucypham committed 3 days ago · ✓ 3 / 3) - Commit ID: 9783d3a
- Commits on Apr 10, 2024**
 - Updating an image...** (lucypham committed last week · ✓ 3 / 3) - Commit ID: 6ae839d
 - Forget to add "items"...** (lucypham committed last week · ✓ 3 / 3) - Commit ID: 061ed70
 - Updating JSON file again...** (lucypham committed last week · ✓ 3 / 3) - Commit ID: 147cb94
 - Updating JSON for music files!** (lucypham committed last week · ✓ 3 / 3) - Commit ID: f65db7f

VERSION CONTROL on Github

✓ Updating JSON for music files!

Browse files

main

lucypham committed last week 1 parent 50221be commit f65db7f

Showing 3 changed files with 1,187 additions and 45 deletions.

Whitespace Ignore whitespace Split Unified

Filter changed files

.DS_Store

old-json

vietgd copy.json

vietgd.json

Binary file not shown.

1,052 old-json/vietgd copy.json

180 vietgd.json

@@ -602,7 +602,7 @@

602 602 {
603 603 "year": "Undated",
604 604 "yearRange": "Undated",
605 - "image": "images/posters/trong-cay-cham-soc-rung-la-trach-nhiem-moi-nguoijpg",
605 + "image": "images/poster/trong-cay-cham-soc-rung-la-trach-nhiem-moi-nguoijpg",
606 606 "artist": null,
607 607 "title": "<i>Trồng cây chăm sóc rừng là trách nhiệm mọi người (Planting trees
and caring for forests is the responsibility of everybody)</i>",
608 608 "size": null,

@@ -612,7 +612,7 @@

612 612 {
613 613 "year": "Undated",
614 614 "yearRange": "Undated",
615 - "image": "images/posters/tich-cuc-trong-cay-gay-rung.jpg",
615 + "image": "images/poster/tich-cuc-trong-cay-gay-rung.jpg",
616 616 "artist": null