

The Future of Digital Publishing is GitHub

Greg Albers

**Digital Publications Manager
Getty Publications**

✉ **galbers@getty.edu**

🐦 **@geealbers**

🔗 **<http://github.com/gettypubs>**

- 1. Definitions and conceptual models of books and code**
- 2. Git as a workflow for individual books**
- 3. GitHub as a the only viable development platform for the future of digital publishing**

Git

a revision control system

GitHub

a project hosting site that uses Git

Books

“Long form texts that are sold.”

Brewster Kahle, 2014

Book Publishing

“Trade publishing is by nature a cottage industry, decentralized, improvisational, personal; best performed by small groups of like-minded people, devoted to their craft, jealous of their autonomy, sensitive to the needs of writers and to the diverse interests of readers.”

Jason Epstein, 2001









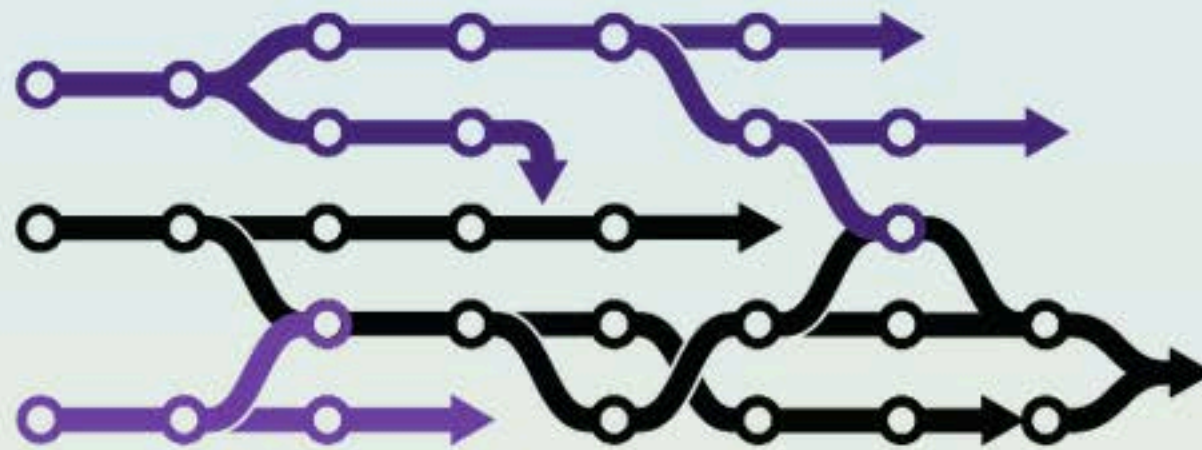


1. a single master file



1. a single master file

2. every change and contribution recorded





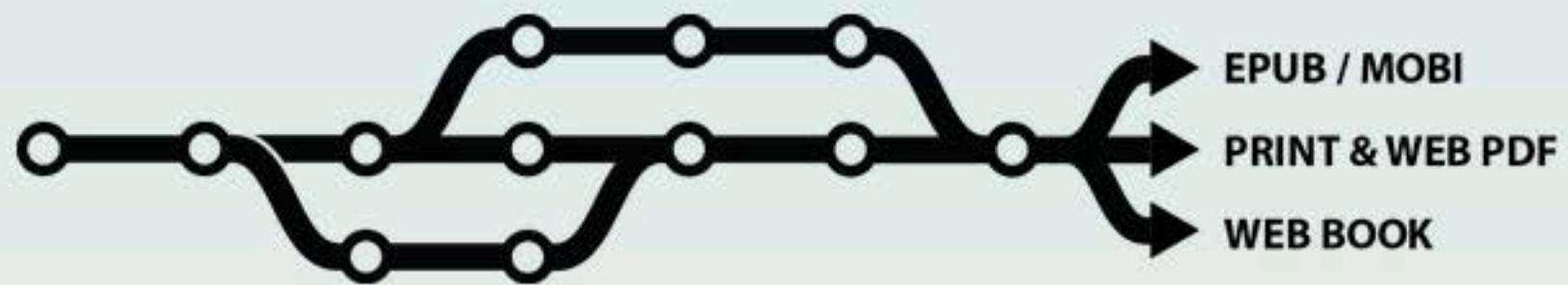
**Git allows for and manages this structure,
GitHub makes it open and collaborative**

- 1. Definitions and conceptual models of books and code**
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Leanpub leanpub.com

GitBook www.gitbook.io

Atlas atlas.oreilly.com



1. **Definitions and conceptual models of books and code**
2. **Git as a workflow for individual books**
3. **GitHub as a the only viable development platform for the future of digital publishing**

**The web offers a dynamic,
universal, and open
publishing ecosystem for
digital books**

So, GitHub ...

So, GitHub ...

observe and build from existing work

So, GitHub ...

observe and build from existing work

create new tools for everyone to use

So, GitHub ...

observe and build from existing work

create new tools for everyone to use

connect to a world far deeper than books alone

Traditional Presentation

turn.js /blasten/turn.js

BookReader /openlibrary/bookreader

epub.js /futurepress/epub.js



The Book

Steve Jobs is the authorized biography of Steve Jobs. The biography was written at the request of Jobs by acclaimed biographer Walter Isaacson, a former executive at CNN and Time who has written best-selling biographies about Benjamin Franklin and Albert Einstein.

Based on more than forty interviews with Jobs conducted over two years—in addition to interviews with more than one hundred family members, friends, adversaries, competitors, and colleagues—Isaacson was given "exclusive and unprecedented" access to Jobs's life. Jobs is said to have encouraged the people interviewed to speak honestly. Although Jobs cooperated with the book, he asked for no control over its content other than the book's cover, and waived the right to read it before it was published.



Notes and Sources

XXXV.—*Steps in the Ramble*, Fred B. Perkins and W. H. Guild, Jr., *The Central Park: Photographed, by W.H. Guild Jr., with descriptions and a Historical Sketch by Fred B. Perkins* (New York: Carleton, 1864), 62:

<http://archive.org/stream/centralpark00guil#page/62/mode/2up>

CHAPTER 1. LOOMINGS.

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. Right and left, the streets take you waterward. Its extreme downtown is the battery, where that noble mole is washed by waves, and cooled by breezes, which a few hours previous were out of sight of land. Look at the crowds of water-gazers there.

Circumambulate the city of a dreamy Sabbath afternoon. Go from Corlears Hook to Coenties Slip, and from thence, by Whitehall, northward. What do you see?—Posted like silent sentinels all around the town, stand thousands upon thousands of mortal men fixed in ocean reveries. Some leaning against the spiles; some seated upon the pier-heads; some looking over the bulwarks of ships from China; some high aloft in the rigging, as if striving to get a still better seaward peep. But these are all landsmen; of week days pent up in lath and plaster—tied to counters, nailed to benches, clinched to desks. How then is this? Are the green fields gone? What do they here?

But look! here come more crowds, pacing straight for the water, and seemingly bound for a dive. Strange! Nothing will content them but the extremest limit of the land; loitering under the

Alt Presentation

Skrollr /Prinzhorn/skrollr

deck.js /imakewebthings/deck.js



skrollr

parallax scrolling for the masses

let's get scrollin' ;-)



An aerial night photograph of a city, likely San Francisco, showing a dense grid of lights reflecting on the water. The lights are primarily yellow and white, creating a shimmering effect on the dark water. The city's layout is visible from above, with streets and buildings illuminated. The overall tone is dark and atmospheric.

THE LAST CARTOGRAPHER

Extras

`animate.css` /daneden/animate.css

`bigvideo.js` /dfcb/BigVideo.js



Animate.css

Just-add-water CSS animations

bounce

Animate it

[Download Animate.css](#) or [View on GitHub](#)

Another thing from [Daniel Eden](#).

OVERVIEW

SETUP

AMBIENT
VIDEO

PLAYLISTS

VIDEO.JS

TIPS

✓ VIDEO PLAYING

BIGVIDEO.JS

THE JQUERY PLUGIN FOR BIG BACKGROUND VIDEO (AND IMAGES)

Created by Chicago Web Developer John Polacek

 Follow @johnpolacek

This plugin makes it easy to add fit-to-fill background video to websites. It can play silent ambient background video (or series of videos). Or use it as a player to show video playlist. BigVideo.js can also show big background images, which is nice to have for showing big background images for devices that don't have autoplay for ambient video.

BigVideo.js is built on top of Video.js from zencoder. So big thanks to them!

You can read about how to use BigVideo.js below. Also, check out the tutorial I wrote for Codrops.

DOWNLOAD:

[zip](#)[tar](#)[examples](#)`bower install BigVideo.js`

SETUP

BigVideo.js uses the Video.js api. It also requires jQuery, jQuery UI (for the slider control) and the jQuery imagesloaded plugin. If you installed using Bower, they'll have been installed automatically. Make sure you include all these libraries when using BigVideo.js.

To simply play a video that takes up the entire browser window (like in this example), do this:

```
$(function() {  
  var BV = new $.BigVideo();  
  BV.init();  
  BV.show('http://vjs.zencdn.net/v/oceans.mp4');  
});
```

Experiments

EBoOk AVanT GarDE [sandersk/ebook_avant_garde](#)

National Novel Generating Month [/dariusk/NaNoGenMo](#)



Chapter 1. Down the Rabbit-Hole

or
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 late!' she
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 fortunately
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 WAISTCOAT-POCKET,
 with
 curiosity,

Install PrinceXML (<http://princexml.com/>) locally.

Run the program:

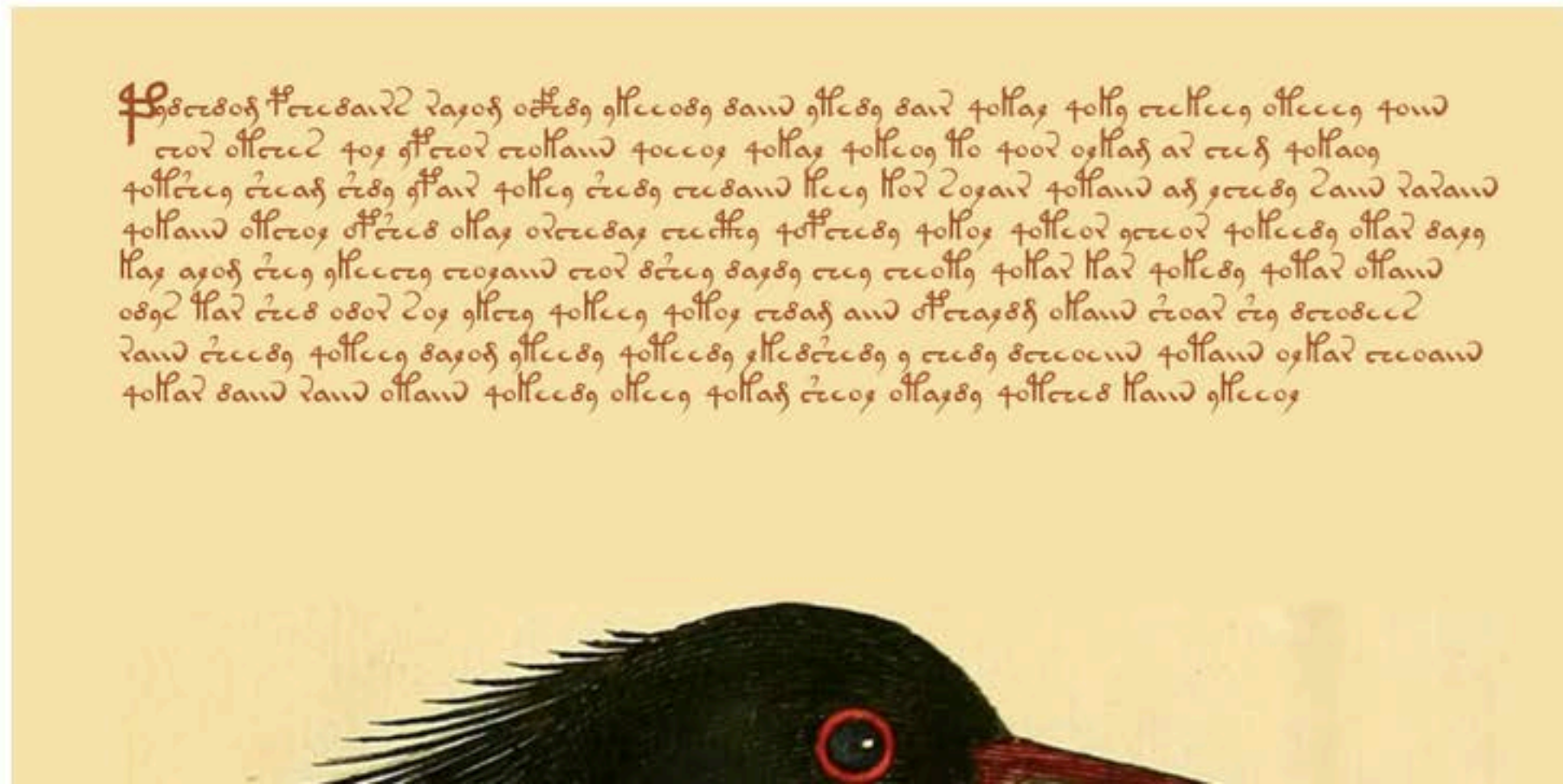
```
python seraphs/generate.py
```

The program should go off and acquire a *lot* of images from Flickr, randomize them, and generate a PDF somewhere in the 400-page range.

Once it runs, it will cache the resulting images (as local pickle files) in `seraphs/cache` and pull a random set from those. Delete that directory to re-acquire the assets from Flickr.

The output will be `seraphs/build/book.pdf` . It will be *very large* (more than 1 gigabyte).

Example output



E-Reading Modules

Annotator (annotation) /openannotation/annotator

bigfoot.js (footnotes) /lemonmade/bigfoot

OpenSeadragon (image zoom) /openseadragon/openseadragon

Annotator

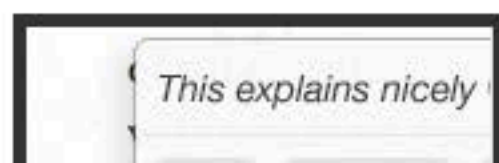
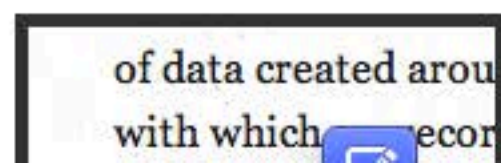
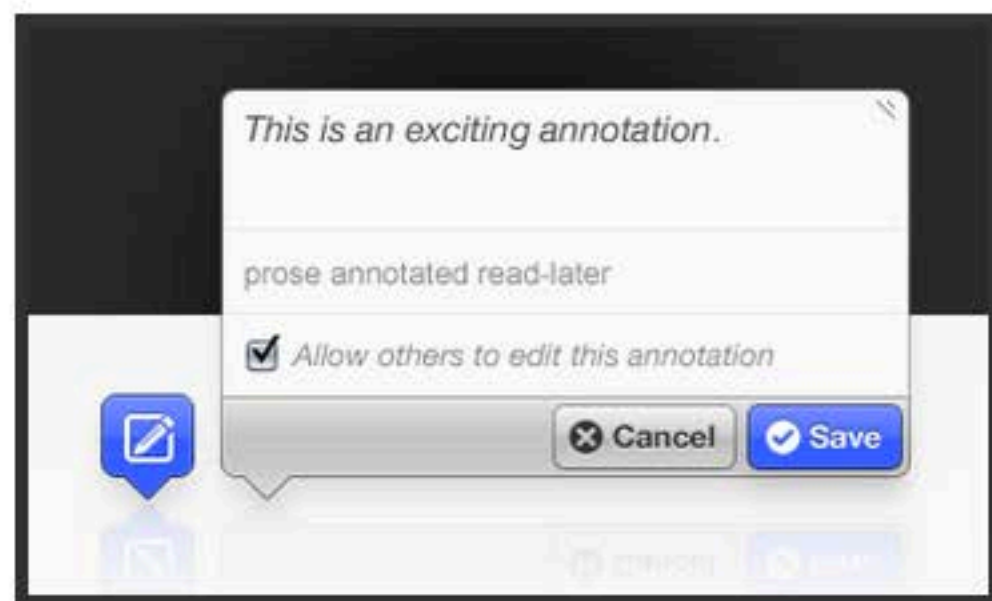
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The copy-editor of the web

Annotator is an open-source JavaScript library to easily add annotation functionality to any webpage. Annotations can have comments, tags, links, users, and more. Annotator is designed for easy extensibility so its a cinch to add a new feature or behaviour. Annotator also fosters an active developer community with contributors from four continents, building 3rd party plugins allowing the annotation of PDFs, EPUBs, videos, images, sound, and more.

Download

GitHub






back

on

off

javascript

Solitude and Leadership

Like the manager , the head of my department had no genius for  arising or initiative or even order, — and I'm sorry to say this, but like so many people you will meet as you negotiate the bureaucracy of the Army or for that matter of whatever institution you end up giving your talents to after the Army, whether it's Microsoft or the World Bank or whatever — into a cloud of electronic and social input. It seems to me that Facebook and Twitter and YouTube  are all ultimately just an elaborate excuse to run away from yourself. To avoid the difficult and troubling questions that being human throws in your way. Am I doing the right thing with my life? Do I believe the things I was taught as a child? What do the words I live by—words like duty, honor, and country—really mean? Am I happy?

Navigator Example

Viewport Navigator



Publishing Platforms and Tools

OSCI Toolkit /IMAmuseum/OSCI-Toolkit

Scalar anvc/scalar

Digital Publishing Toolkit /DigitalPublishingToolkit

Baker Framework /bakerframework/baker/



fig. 4 Claude Monet (French 1840–1926). *Little Theatrical Pantheon*, c. 1869. Pencil heightened with gouache; 34 × 47 cm (13 3/8 × 18 1/2 in.). Musée Marmottan Monet, Paris. Bridgeman Images.

- 15 material of this kind, the young artist made copies after some of the leading caricaturists of the day (including Nadar, Étienne Carjat, and Paul Hadol).¹⁶ Concurrently, he made original caricatures, perhaps commissions from the local figures they parody. However, since some authors consider that the copying process constituted an apprenticeship of sorts, it seems logical to address Monet's drawings that fall into that category first.¹⁷
- 16 It was Pierre Georgel who first recognized, in 1968, that one of the Art Institute's caricatures, *Auguste Vacquerie* (cat. 1 [D505]), was not an original

composition but a visual quotation from the ambitious *Panthéon Nadar* of 1854 (see fig. 2).¹⁸ This well-known work featured representations of around three hundred figures from French cultural life.¹⁹ Among its line-up were such notables as Honoré de Balzac and Alexandre Dumas. On other occasions, most probably around the same time, Monet copied different figures from the *Panthéon*. His *portrait-charge* of the journalist Théodore Pelloquet, now in the Musée Marmottan Monet, is one such example (see fig. 3).²⁰

- 17 The young artist evidently admired Nadar's idiosyncratic arrangement of heads—he mimicked the domino-like composition in his *Petit Panthéon théâtral* (fig. 4)—but in this particular instance he had motives other than emulation. One of the figures portrayed, Auguste Vacquerie, was a writer from Le Havre who had proven himself a loyal follower of Victor Hugo in the most literal of terms. When Hugo left France to avoid arrest, having criticized Napoleon III, Vacquerie went with him to the Channel Islands. Nonetheless, though physically estranged from France, Vacquerie's local reputation ensured he remained topical in his hometown. Indeed, Monet had particular cause for interest, as his father had ties with the Vacquerie family.²¹ Coupled with the comic appeal of the writer's features (Vacquerie—by his own admission





Performing Archive: Curtis + "the vanishing race"

Begin with "Introduction"



DIGITAL PUBLISHING TOOLKIT ELECTRONIC PUBLISHING IN THE ARTS

HOME

ABOUT

EVENT: SHOWCASES DIGITAL PUBLISHING TOOLKIT

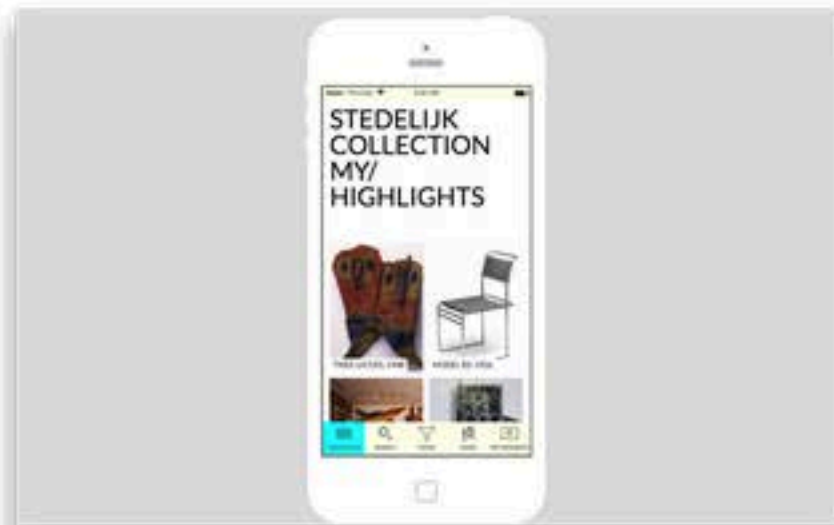
PAST EVENTS

RESOURCES

PUBLICATION

GITHUB

CONTACT



Building My Highlights

By Marc de Bruijn, November 19, 2014

This is a short overview of the process of building a proof-of-concept application. Requirements shifted during the development of the project which, combined with a lot of uncertainty regarding the datasources to be used, partly explains the technical exploratory process and the way the final proof-of-concept was developed. My Highlights was conceived as a mobile [...]



Developing EPUBster

By Marc de Bruijn, November 19, 2014



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More than 70 books and magazines published since 2010 globally, here are a few notable ones!

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Cult of Mac Magazine is a weekly about all things Apple. It features in-depth reporting on apps, iPhones, iPads and Macs.

Developed by [Cult of Mac](#) and [John Brownlee](#)



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Thanks!

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