

The State of Design Tools

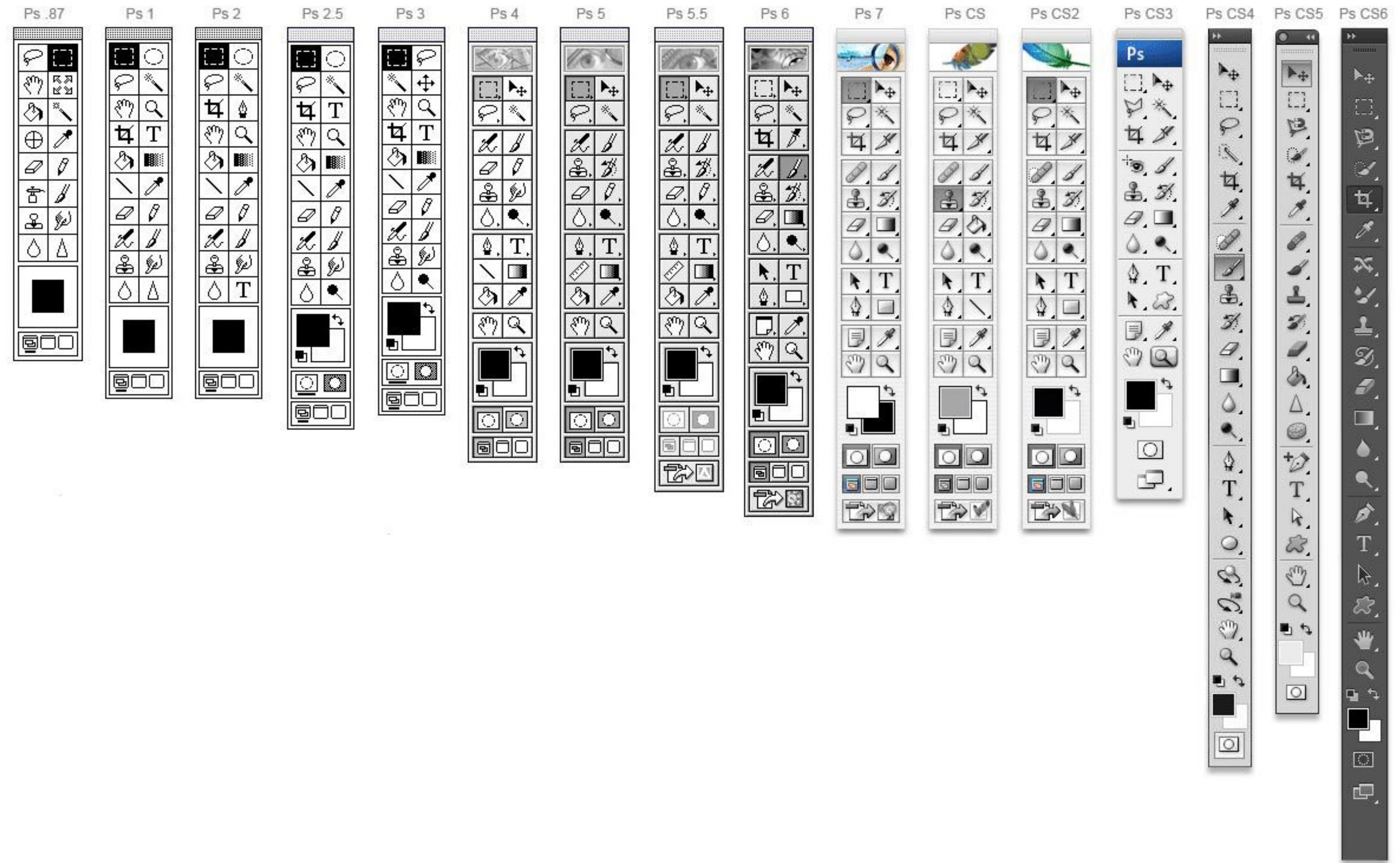


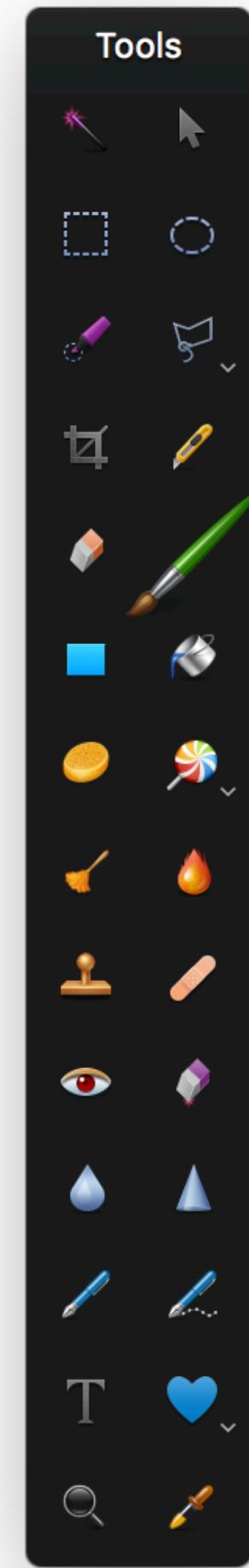
Giedrius Jaloveckas
Product Designer at Wix



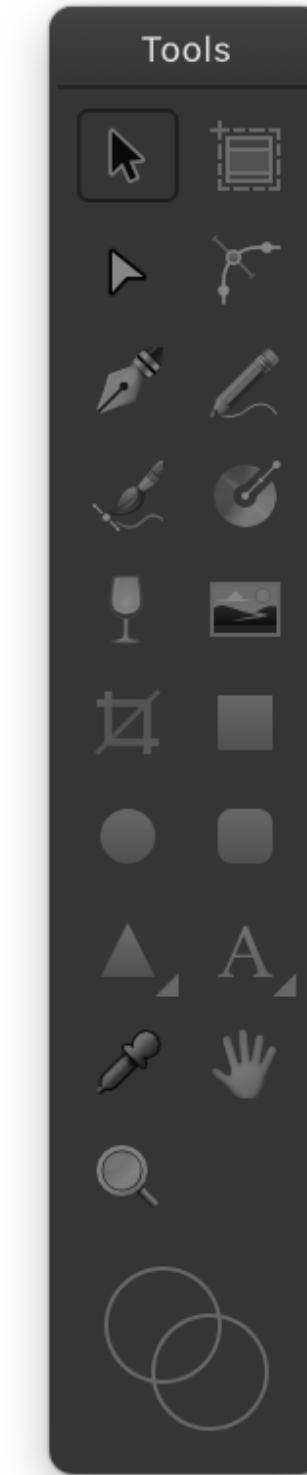
wix

Present

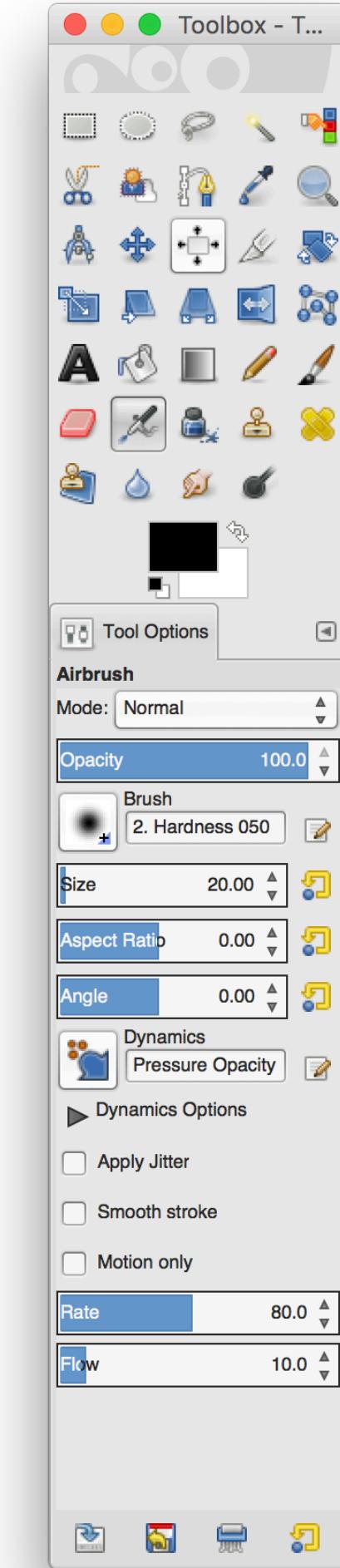




Pixelmator

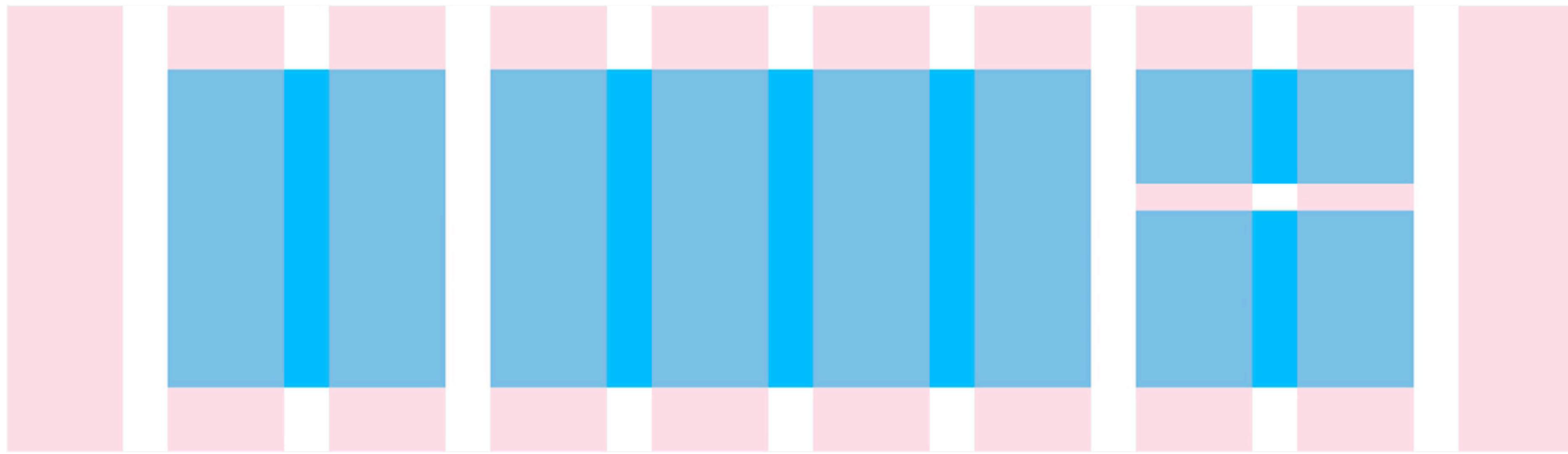


Affinity



Gimp





	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM
Carrie			Meeting									
Kimora			Production work						Presentation			
Julio				Training								
Sydney	Out of office											
Jay		Production work						Training				

Design & Development Process

Design

Development

Design



Development



Design



Development



“Our design tools are manipulating pictures of our products, but not the actual products.”

History

Ivan Sutherland – Sketchpad (1963)



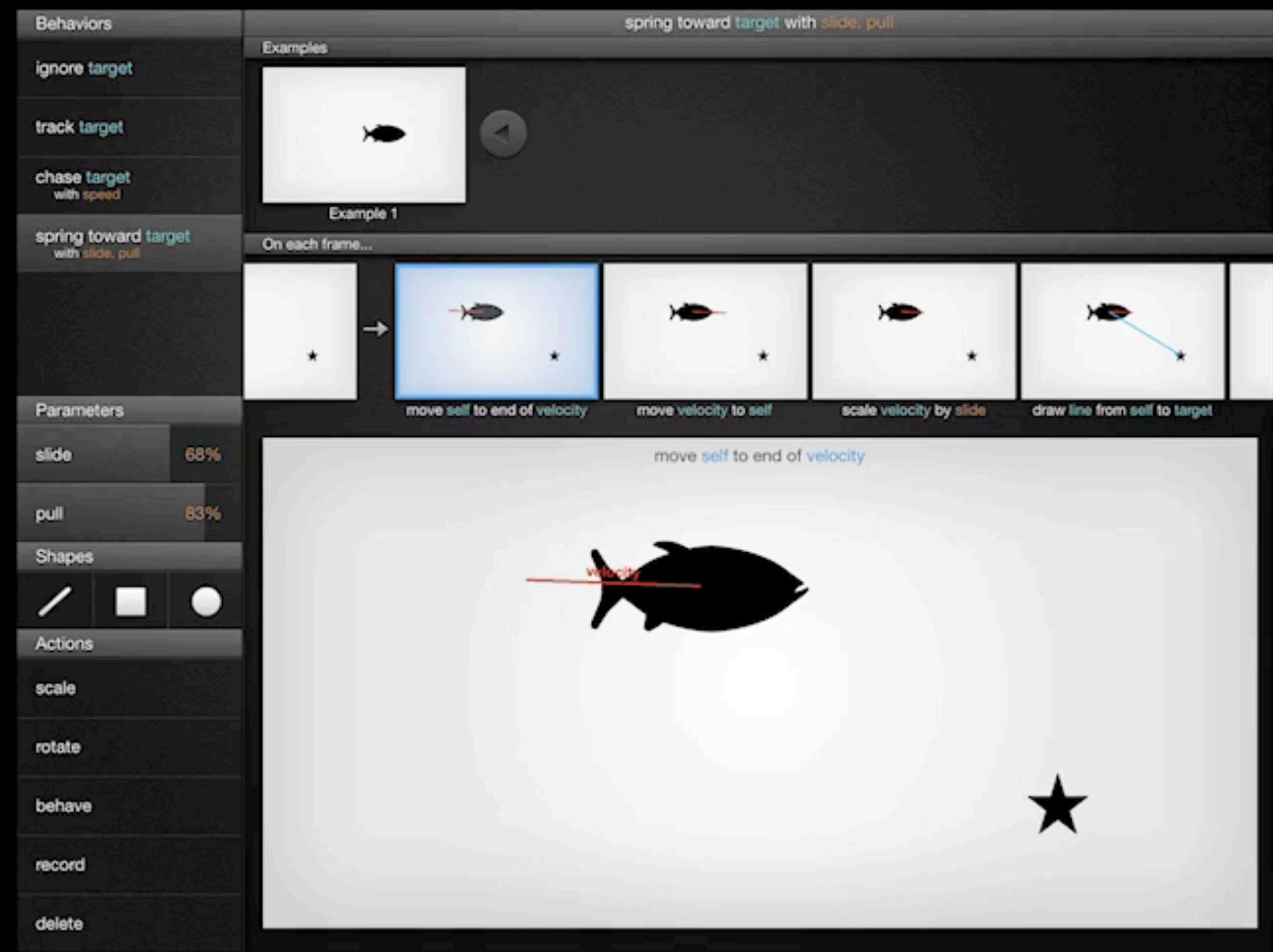
Douglas Engelbart – oN-Line System (1968)

2116 1 1 PROV STATEMENT
2019 1

NAME

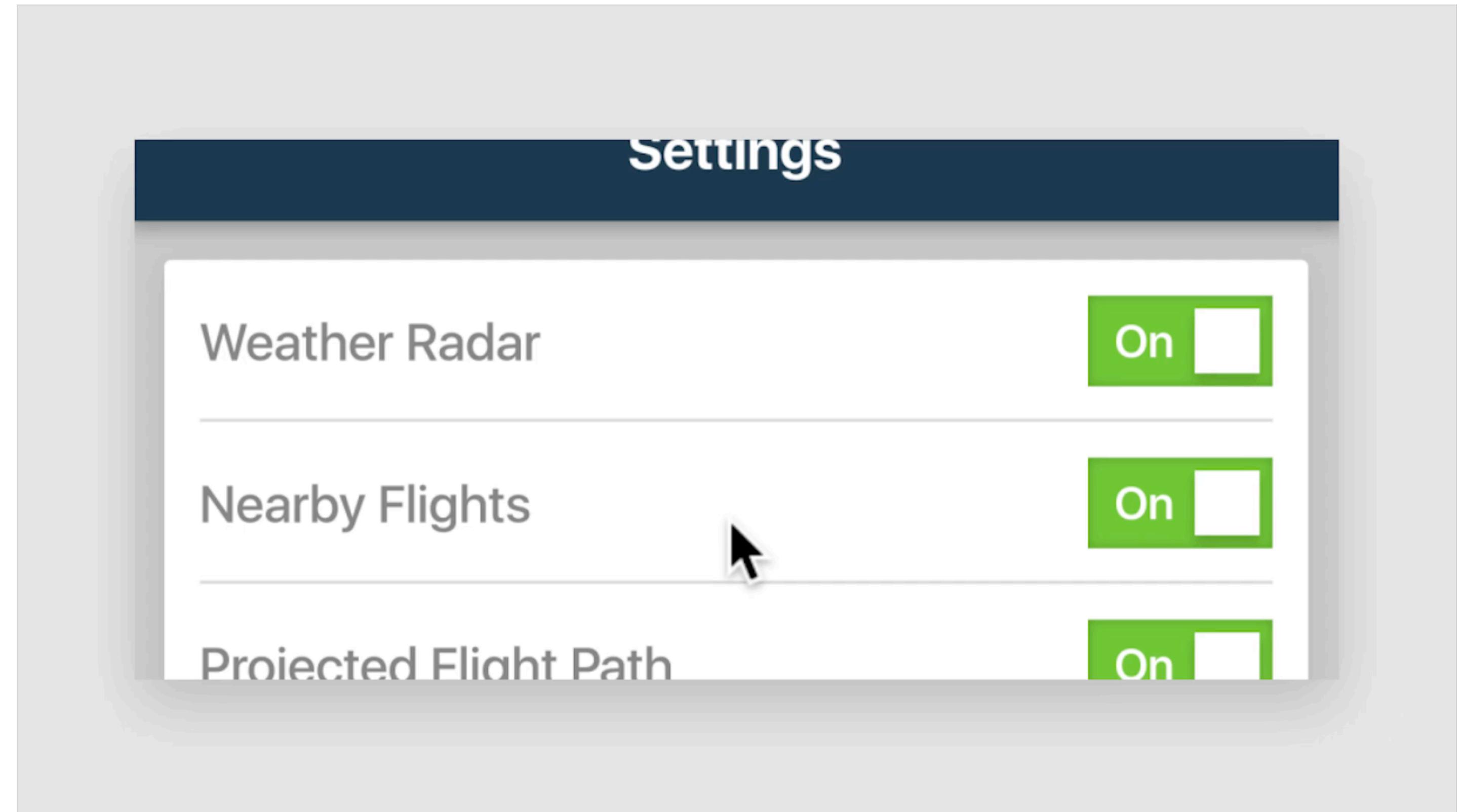
APPLICATION EXAMPLES
USER DOCUMENTATION;
PAPER STUDYING OR MODIFYING
PRINTOUT-DIRECTIVE GUIDE,
JOINT-FILE USAGE, MESSAGES
OPEN-HOUSE DUTY ROSTER
HARDWARE-DESIGN DOCUMENTATION,
SYSTEM-ANALYSIS RECORDS
TWO-PERSON COLLABORATION
INFORMATION RETRIEVAL (BILLS)

Bret Victor — “Stop Drawing Dead Fish”



Future

Component Systems



Subform

Styles

Track By Route Track By Flight

LAX Los Angeles Destination Airport Airline (Optional)

Monday, July 18 **Enter a destination** Anytime Track Flights

Flights from Los Angeles, CA (LAX) to New York, NY (JFK)

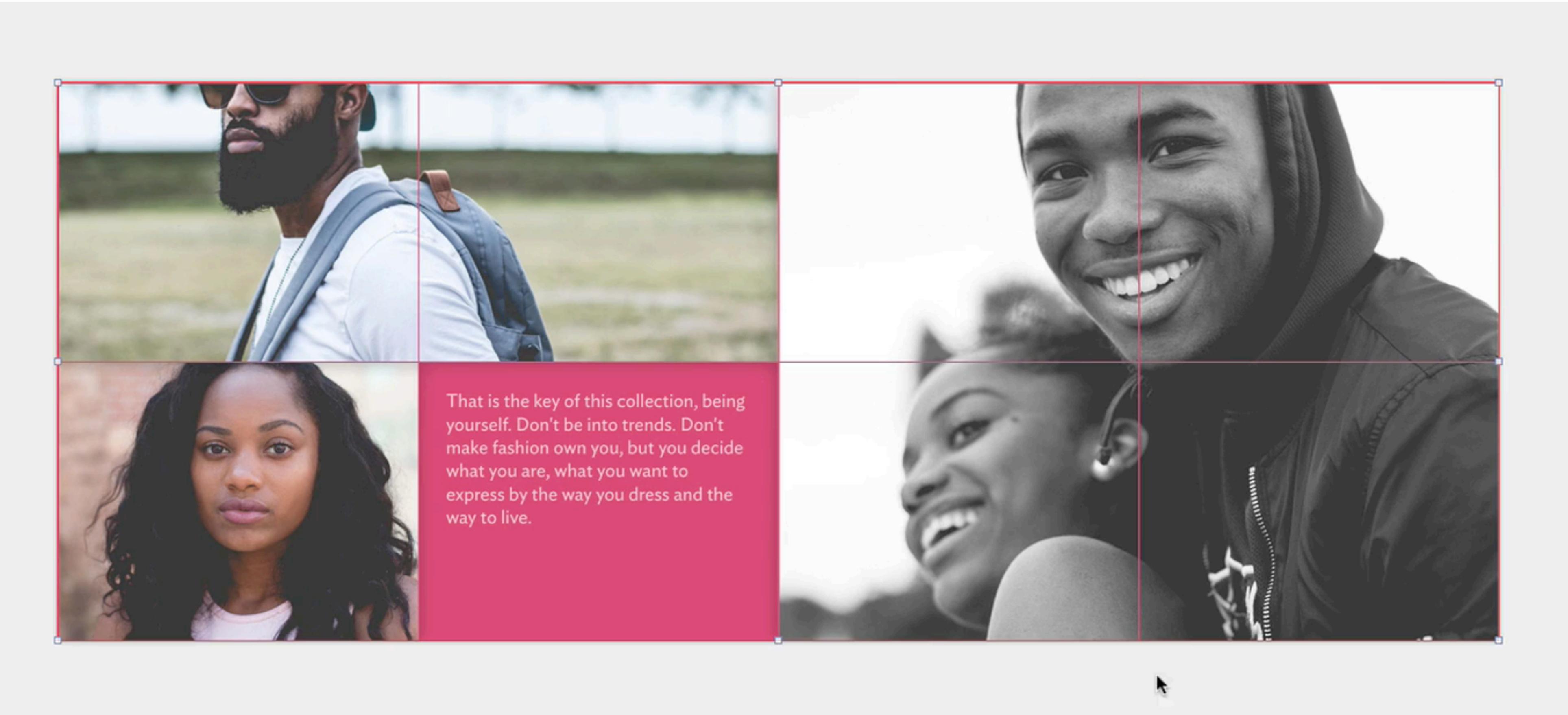
	American Airlines 118	In Flight	7:00 AM → 3:34 PM
	Delta Airlines 418	Scheduled	7:20 AM → 3:57 PM
	United Airlines 104	Delayed	7:05 AM → 3:50 PM

Subform

Constrains

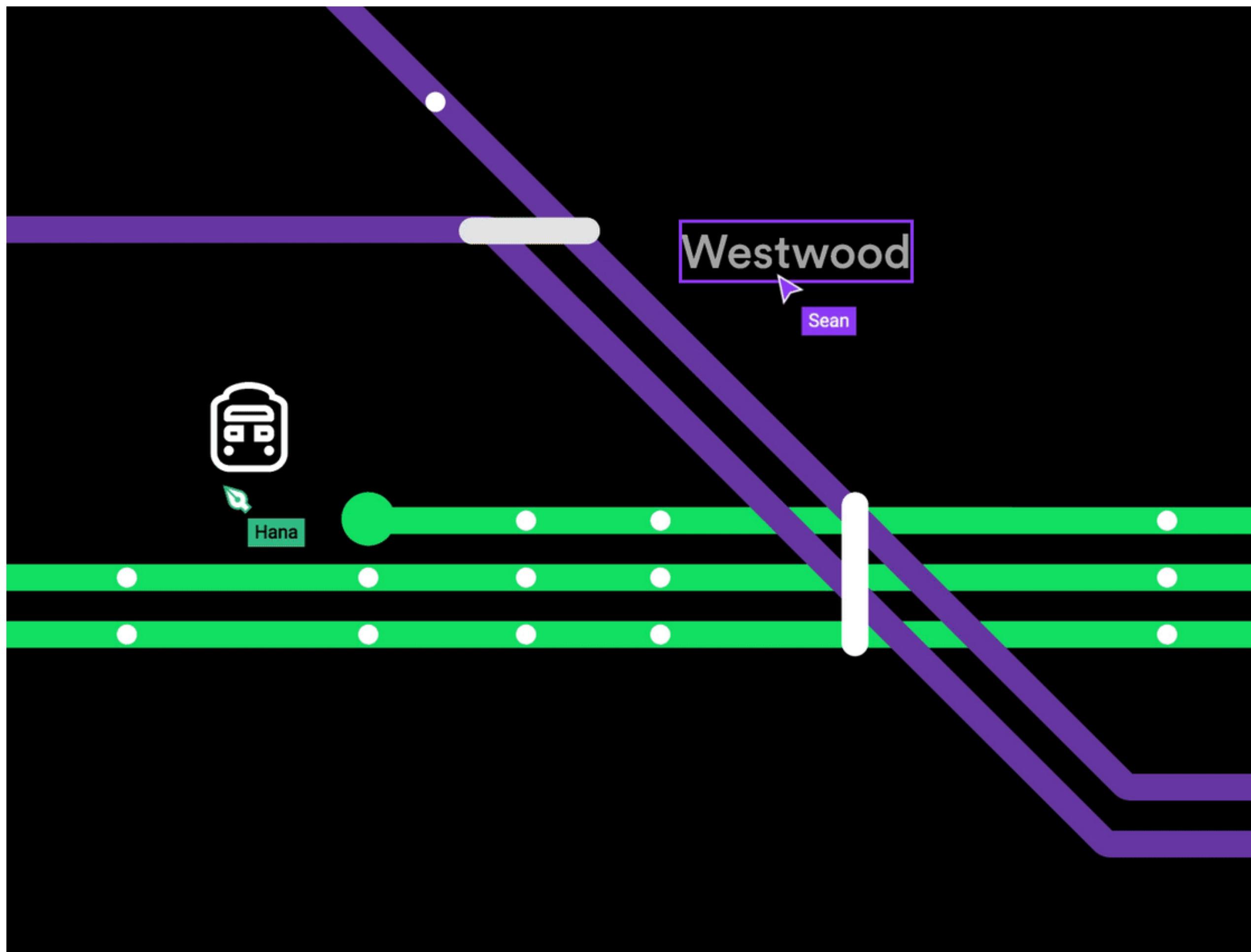
	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM
👤 Carrie		Meeting										
👤 Kimora		Production work						Presentation				
👤 Julio			Training									
👤 Sydney	Out of office											
👤 Jay		Production work						Training				

Subform



Subform

Collaboration



Figma

The screenshot shows the Inch app interface for a 'Blog Template' project. The top navigation bar includes icons for file operations and a status indicator 'UP TO DATE'. The main header displays the project name 'Inch website > Blog Template' and a 'WORK IN PROGRESS' badge. On the right, there are buttons for 'NEW BRANCH' and 'MERGE BRANCH...'. Below the header, tabs for 'CONVERSATION', 'COMMITS' (which is selected), and 'FILES' are visible. A note indicates the branch was 'Branched from Master by Damien Da Costa 5 days ago'. The 'THIS WEEK' section lists recent commits:

- Quick fixes + Author pag... (Damien Da Costa · 1 day ago)
- Reorder artboards (Damien Da Costa · 3 days ago)
- Article show + Stylesheet (Damien Da Costa · 3 days ago)
- Blog Index (Damien Da Costa · 4 days ago)
- Added file "blog" (Damien Da Costa · 5 days ago)

A commit for 'Branched from Master' is also listed. The 'COMMITS' section shows a detailed view of the first commit:

Quick fixes + Author page 🎉
• [article] Add author's biography
• [article] Remove G+ icon
• [author_page]

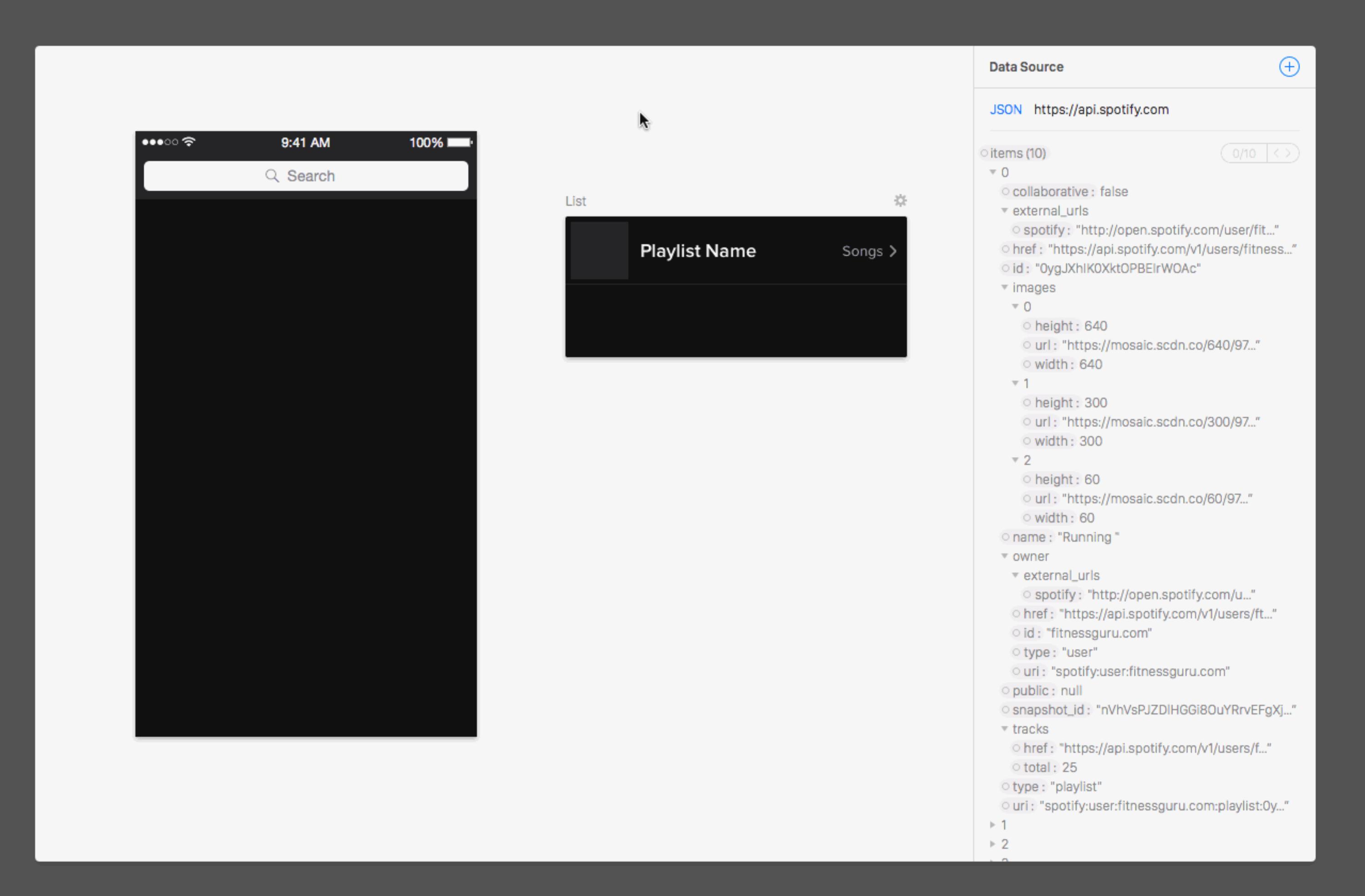
Damien Da Costa · 2 days ago 1 comments

A preview of the 'blog.sketch' file is shown, with an 'EDIT IN SKETCH' button. Below this, three artboards are displayed as cards:

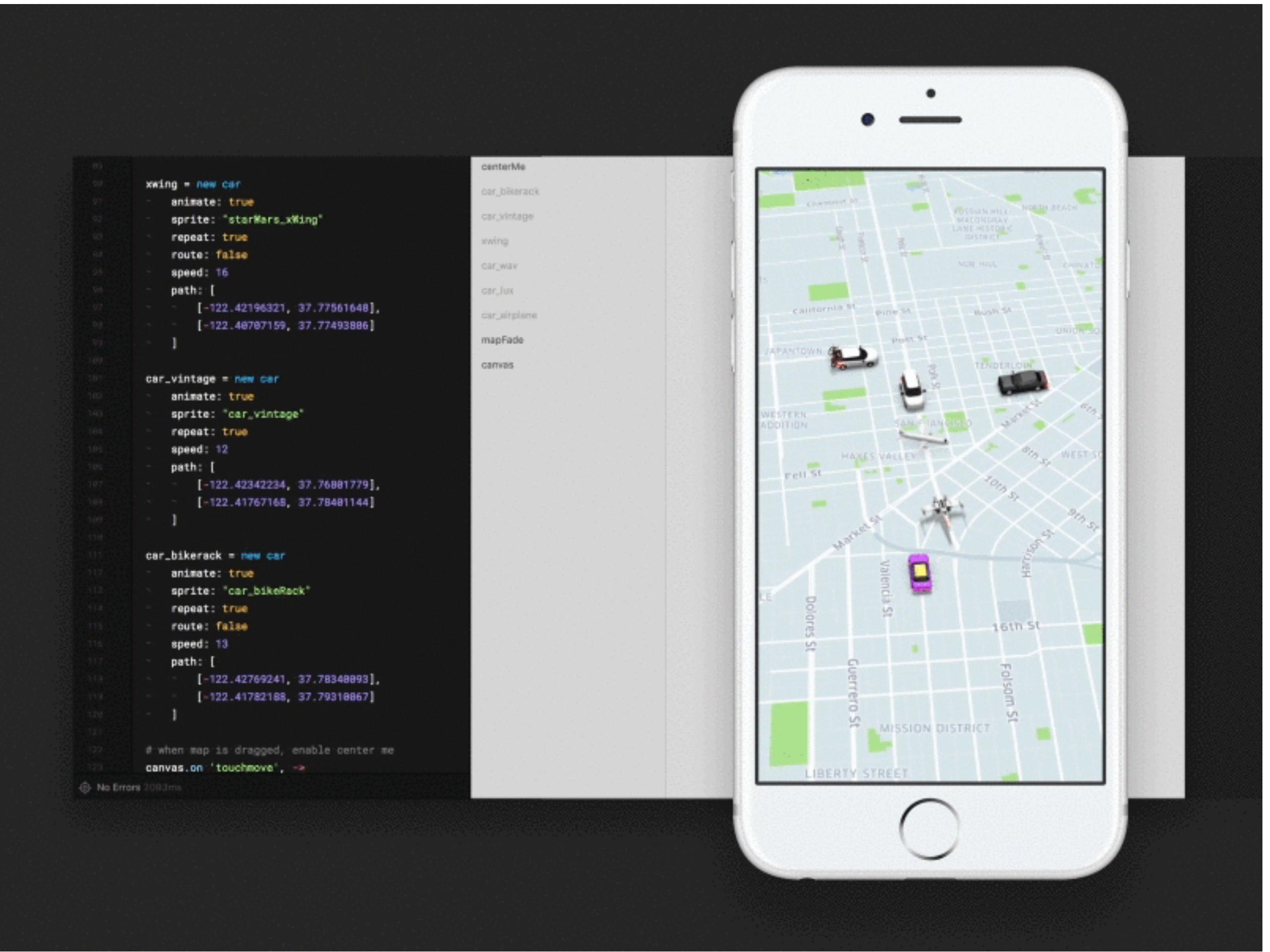
- ARTBOARDS CHANGED**
 - EDITED** article blog
 - ADDED** author_page blog
 - EDITED** stylesheet blog

Abstract

Real-data Prototyping



Josh Puckett — “Modern Design Tools”

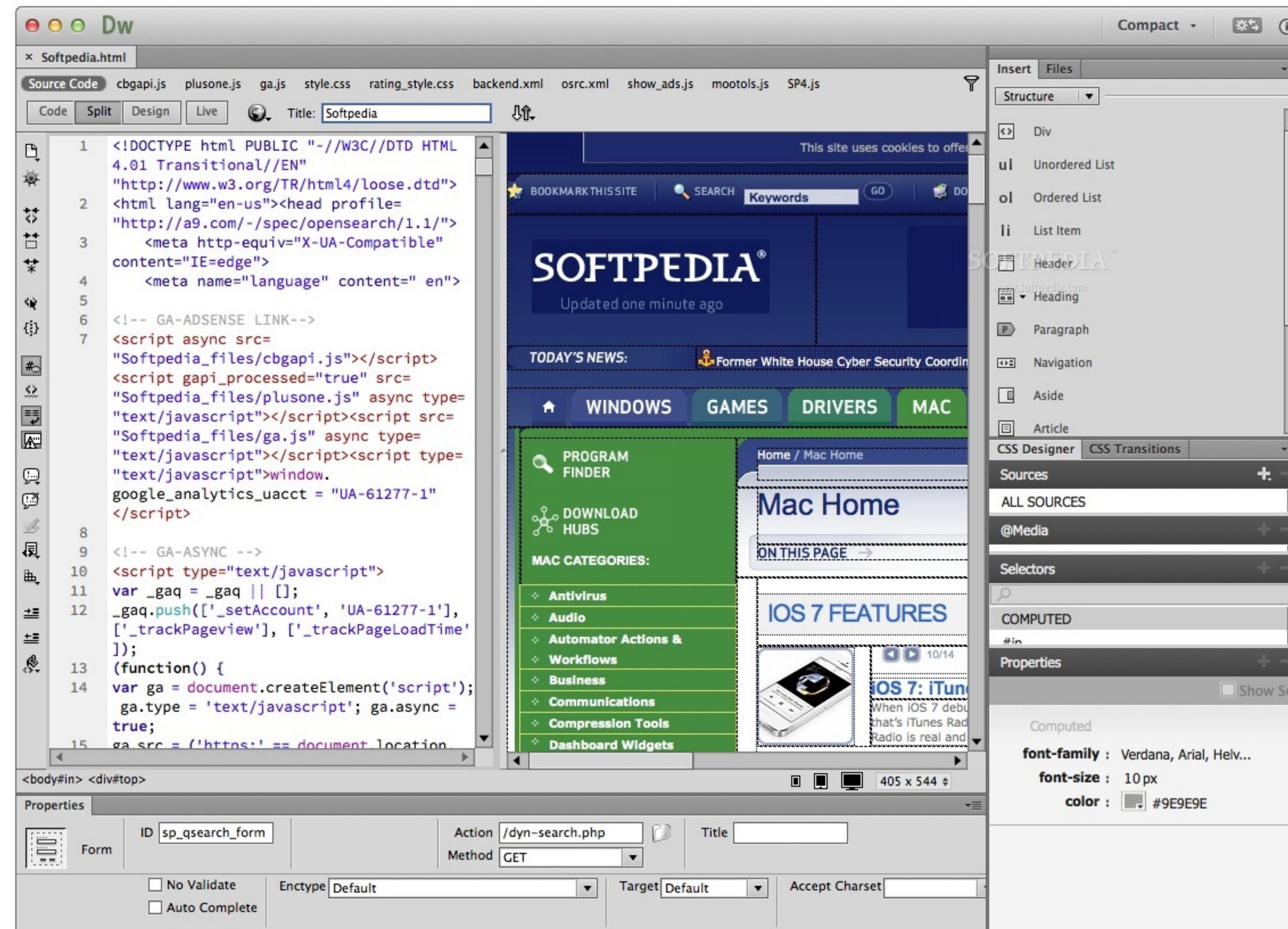


Framer

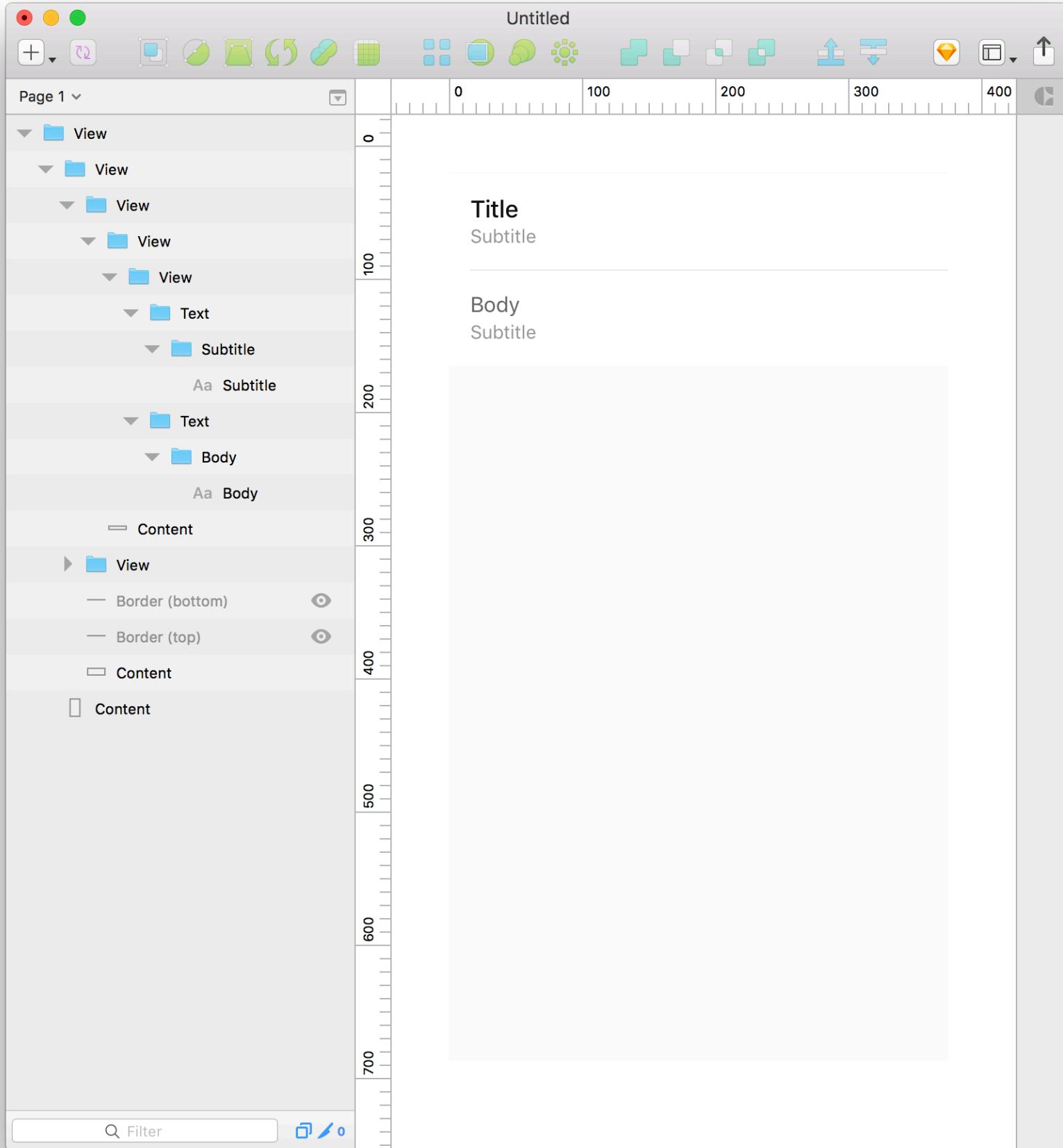
Design & Development Process

Design

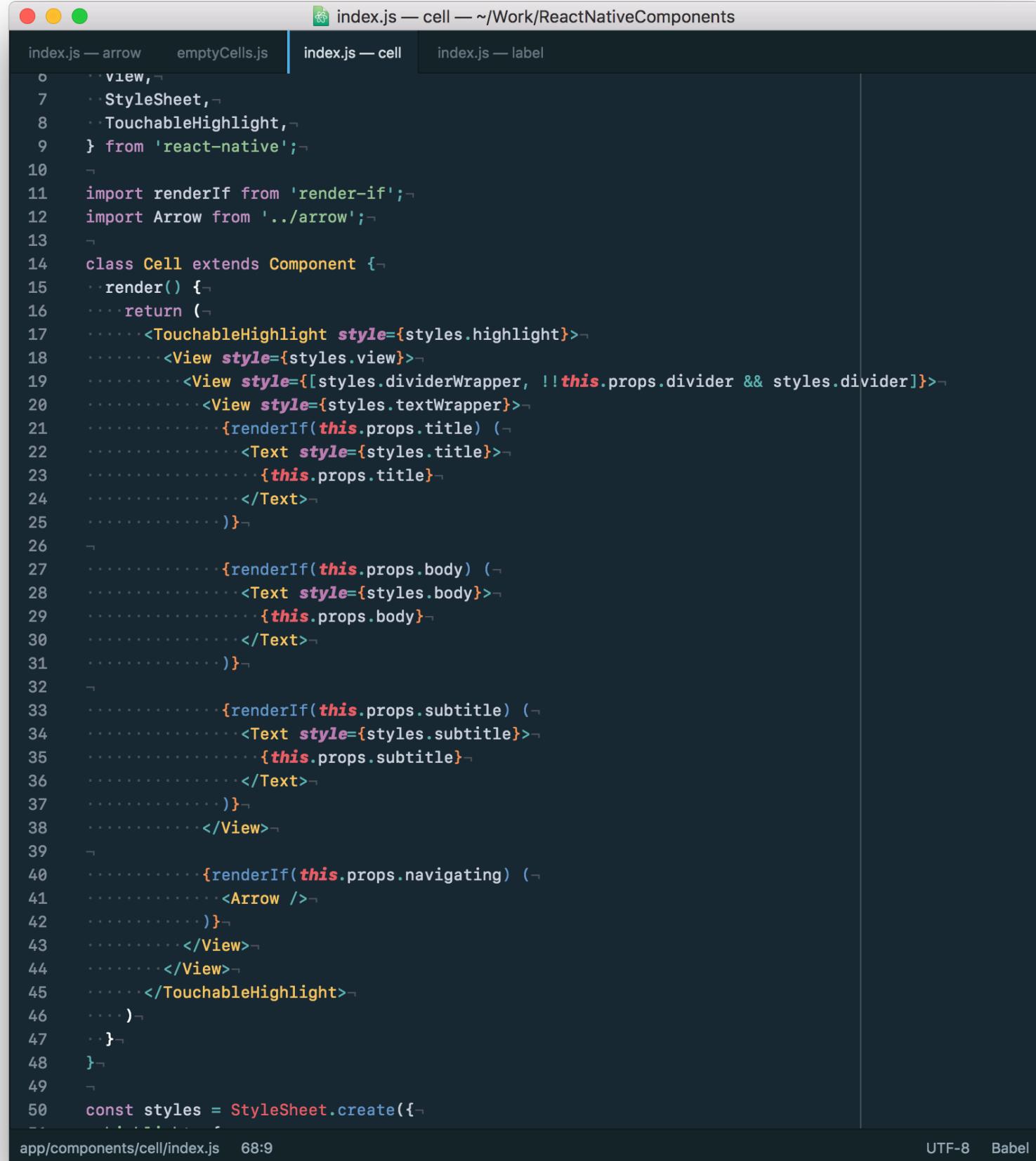
Development



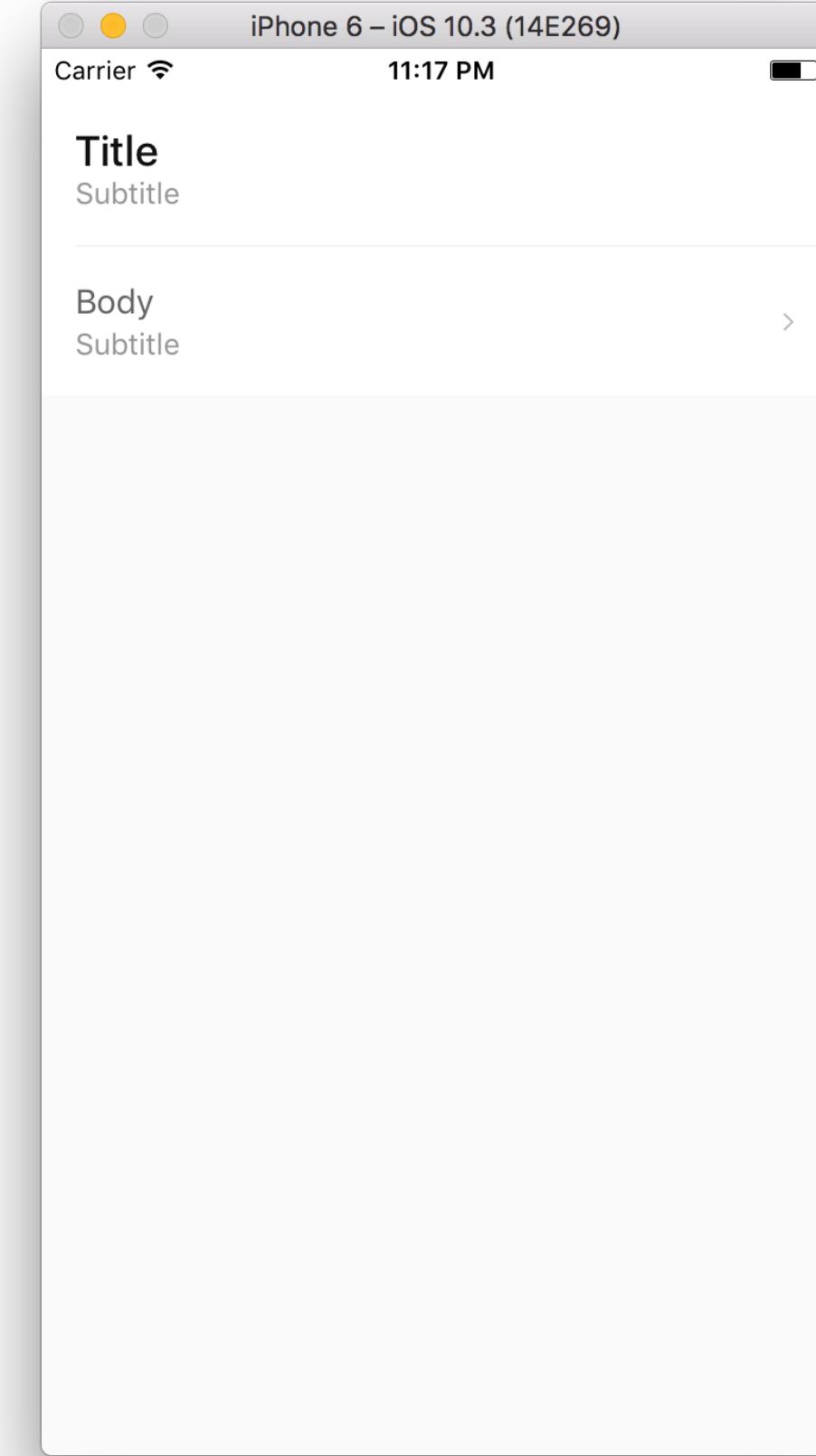
Dreamweaver



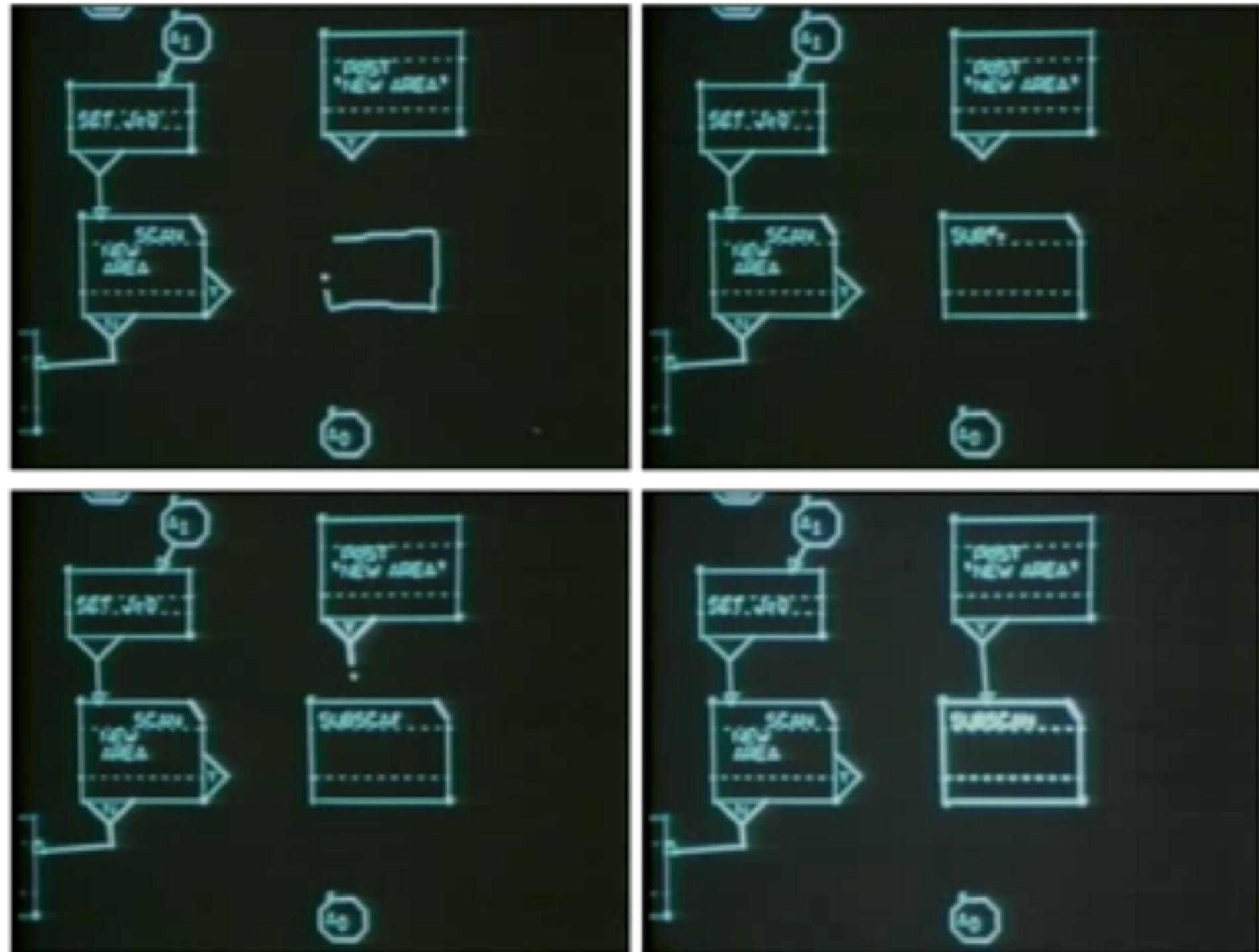
Sketch



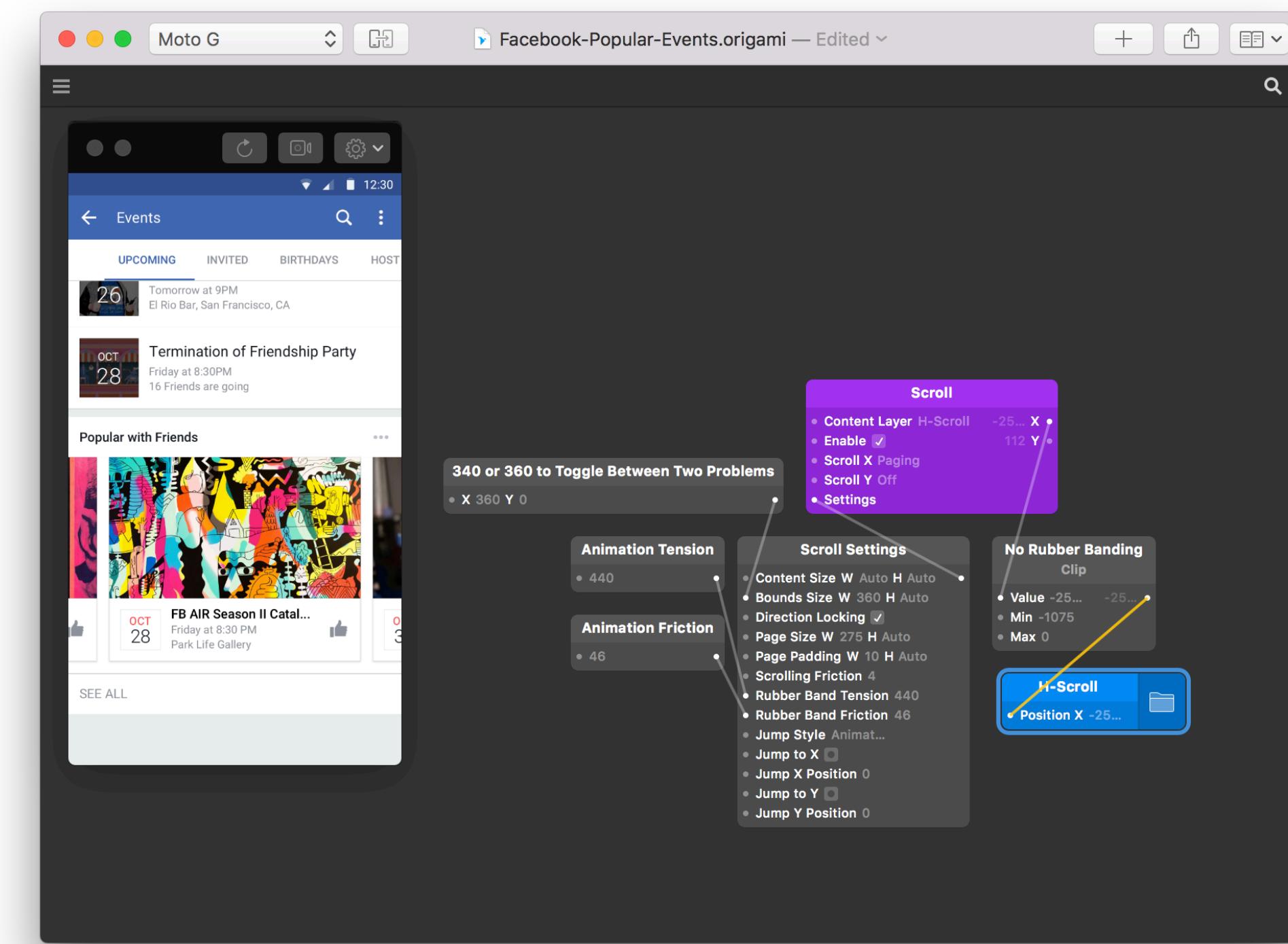
Javascript



iOS



GRAIL (1968)



Origami (2016)

“The most dangerous thought you can have as a creative person is to think you know what you’re doing. Because once you think you know what you're doing, you stop looking around for other ways of doing things. You become blind.”

— Bret Victor, The Future of Programming

Thanks