

Building theme components with the WP REST API and Angular.js

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A close-up shot of a man with dark hair, blue eyes, and a well-groomed beard. He is looking upwards and to the right with a thoughtful expression. His hand is resting on his chin. He is wearing a dark jacket with red piping. In the background, the back of another person's head is visible, slightly out of focus. The overall lighting is dim and moody.

WHO'S THE BEARDO?!

THE BEARDO == TOTAL NERD



- BLOG
- BIO
- MUSIC
- VIDEO
- PHOTOS
- TOUR

EARSHOT REVIEW

NOVEMBER 1ST, 2009

As the son of one of Canada's best loved singer-songwriters, **Barney Bentall**, **Dustin Bentall** has a lot to live up to. His songwriting skills and musical chops showed promise with his first independently-released album, *Street With No Lights*. With his second album, he's surrounded himself with a top notch band, including **Del Cowsill** on bass and **Luke Doucet** on guitar, plus teaming up with Vancouver's **Cameron Latimer** in co-writing several songs. The band holed up in the heritage town of Ashcroft, B.C., home to **John Ellis** and **Leslie Alexander's** house/studio called Nashcroft Manor and have produced a remarkably mature album. The music here falls somewhere between the earnest, melodic folk-country of **Fred Eaglesmith** and the hard-drinking, drug-addled outlaw country of **Hank Williams III**. Veering not too far into either country or

NEW ALBUM

Check out The Dustin Bentall Outfit's latest release, "Six Shooter".









YOU'VE BEEN
LOOKED!
BY THE WAY

RESERVED
PARKING



that guy



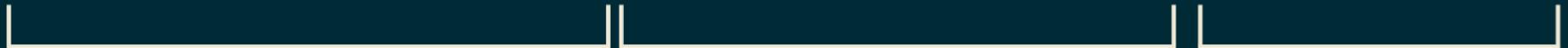
THE WP REST API

WHAT IS AN API ANYWAYS?

- Application Program Interface
- Means to hook into an application
 - Data
 - CRUD
 - Functionality

ENDPOINTS

`https://api.instagram.com/v1/users/1204802/media/recent?client_id=1234567`



API URL

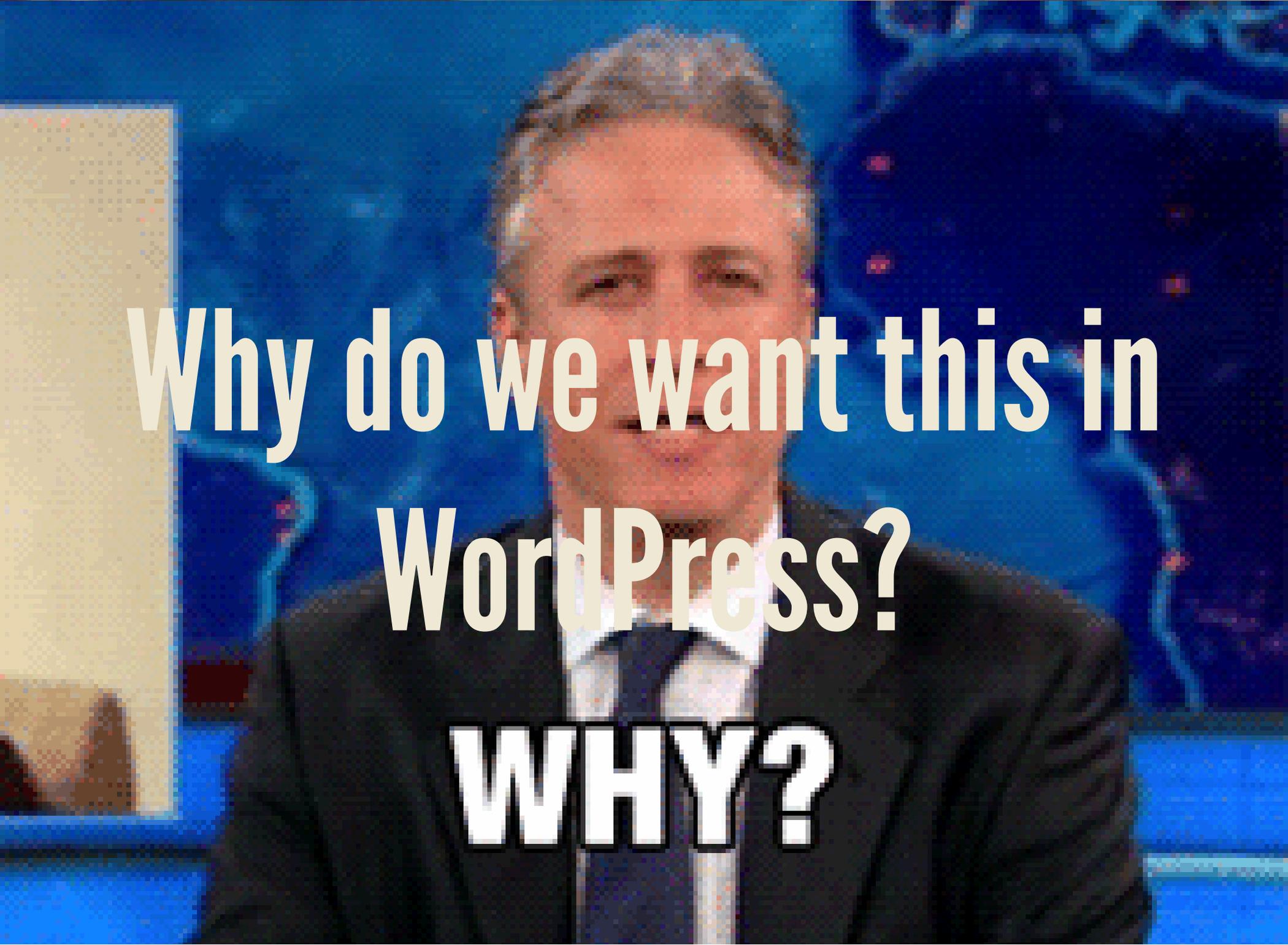
Endpoint

Config

```
https://api.instagram.com/ x
https://api.instagram.com/v1/users/1204802/media/recent?client_id=6...
- {
  attribution: null,
  tags: [ ],
  - location: {
    latitude: 48.4267387,
    name: "Lucky Bar, Victoria",
    longitude: -123.3698349,
    id: 25795
  },
  - comments: {
    count: 1,
    - data: [
      - {
        created_time: "1438798646",
        text: "It's a good one for sure",
        - from: {
          username: "hawkandsteel",
          profile_picture: "https://igcdn-photos-h-a.akamaihd.net/hphotos-ak-xat1/t51.2885-19/11116830_831550856912231_1039806509_a.jpg",
          id: "1343797850",
          full_name: "Hawk and steel"
        },
        id: "1045041252875833123"
      }
    ]
  },
  filter: "Normal",
  created_time: "1438797037",
  link: "https://instagram.com/p/6ArzOpSwyz/",
  - likes: {
    count: 17,
    - data: [
      - {
        username: "zulu_panda",
        profile_picture: "https://igcdn-photos-b-a.akamaihd.net/hphotos-ak-xpa1/t51.2885-19/11184605_456469244511953_1648106720_a.jpg",
        id: "525406393",
        full name: "Zulu Panda"
      }
    ]
  }
}
data[1].location
```



REST

A man in a dark suit and tie is speaking at a podium with a microphone. The background is a blue wall with a pattern of small lights. The text "Why do we want this in WordPress?" is overlaid in a large, white, sans-serif font across the center of the image.

Why do we want this in
WordPress?

WHY?

DATA PORTABILITY

- Apps
- Other apps
- Aggregation and feeds
- Mashups!

ACCESS OUR OWN DATA DIFFERENTLY

WHAT ABOUT XML-RPC AND RSS?

- XML-RPC is really difficult to use
- Also, it's 2015
- XML is harder to consume than JSON
- RSS isn't customizable by the consumer
- Where's the Twitter XML-RPC API, huh?

WP REST API v2 Document x

v2.wp-api.org

WP REST API

Source on GitHub Support [Download](#)

Overview

- Introduction
- Glossary
- What's Changed?

User Guide

- Authentication
- Discovery
- Common Problems

Extending

- Modifying Responses
- Internal Classes
- Adding Endpoints
- Linking



Access your WordPress site's data through an easy-to-use HTTP REST API.

[Download the Plugin](#)
(Version 2.0 beta 3, for WordPress 4.3+)

[View on GitHub](#)

build passing

WordPress · WP REST API x

← → ↻ <https://wordpress.org/plugins/json-rest-api/> RSS 📄 ☆ ⓘ 🎯 ⚙️ I 🗣️ » ☰

 **WORDPRESS.ORG** 🔍

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WP REST API

WP REST API (WP API)

Access your site's data through an easy-to-use HTTP REST API. [Download Version 1.2.2](#)

♥ Favorite

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<https://wordpress.org/hosting/> towards becoming a fully-fledged application framework, and we **Requires: 3.9 or higher**

Plugin Directory

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WP REST API

WordPress REST API (Version 2)

Access your site's data through an easy-to-use HTTP REST API.
(Version 2)

[Download Version 2.0-beta3](#)

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WordPress is moving towards becoming a fully-fledged application framework, and we

Requires: 4.3-alpha or higher

WP-API / WP-API

2,563 commits 33 branches 30 releases 59 contributors

Branch: develop WP-API / +

Merge pull request #1470 from WP-API/update-attachment-post-typo

rachelbaker authored a day ago latest commit a5ee25d36b

assets	From the left with love	6 months ago
bin	Travis: Removed unused /bin scripts	14 days ago
docs	Copy edits	6 months ago
lib	Merge pull request #1470 from WP-API/update-attachment-post-typo	a day ago
tests	Merge pull request #1470 from WP-API/update-attachment-post-typo	a day ago
.gitignore	Run WPCS on every build	3 months ago
.scrutinizer.yml	Remove external code coverage from Scrutinizer	3 months ago
.travis.yml	Migrate to docker container-based travis	7 days ago
CHANGELOG.md	Bump version to 2.0-beta3	a month ago
CONTRIBUTING.md	Removed executable bit on all files.	2 years ago

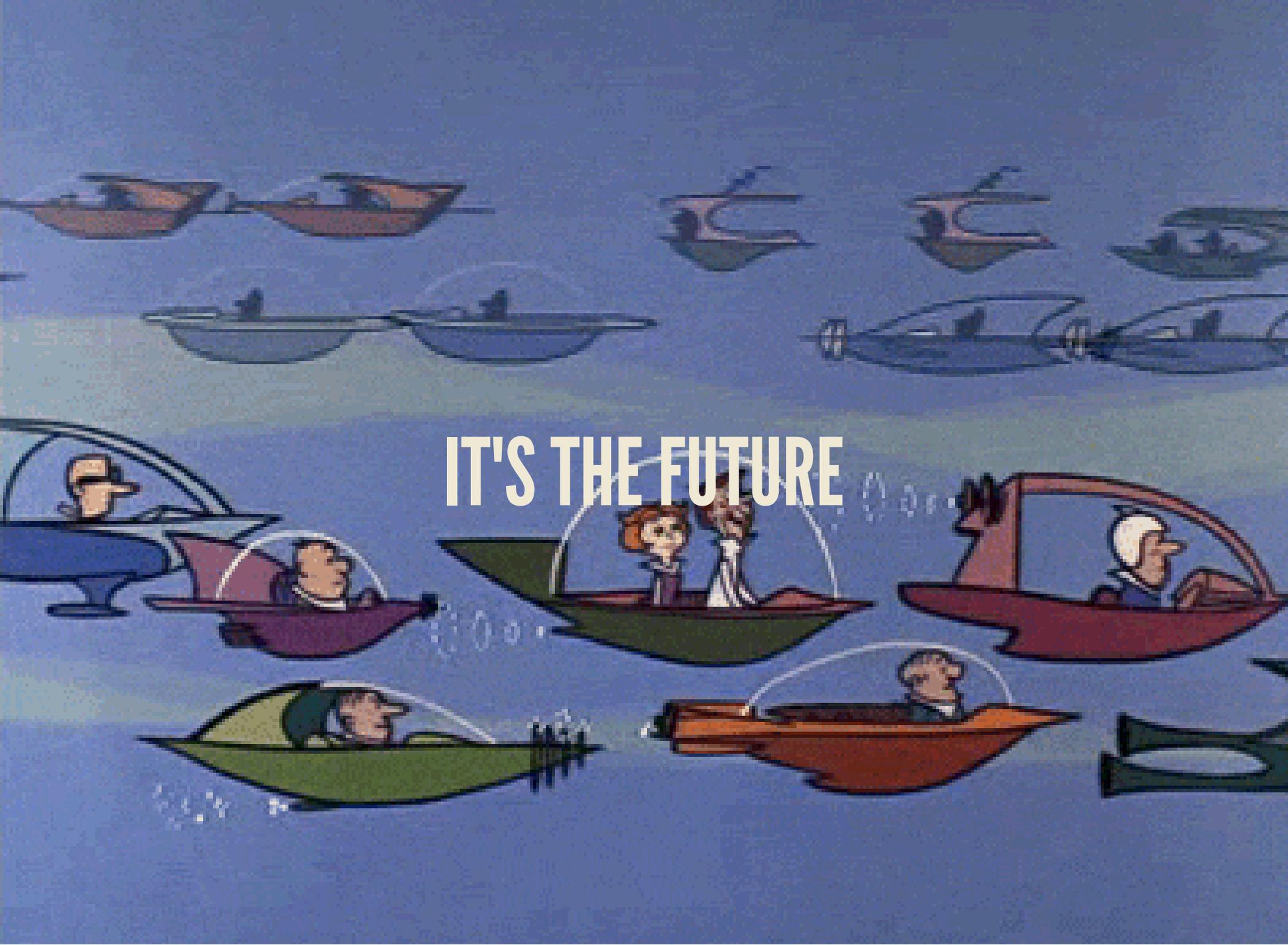
Code Issues 147 Pull requests 17 Pulse Graphs

HTTPS clone URL https://github.com

You can clone with HTTPS, SSH, or Subversion.

Clone in Desktop Download ZIP

IT'S THE FUTURE



A photograph of two light brown rabbits sitting inside white Easter baskets with blue and green patterns. The baskets are placed on a wooden table. The background shows a room with a bookshelf, a green bag, and a poster. The text 'ANGULAR.JS' is overlaid in the center in a white, bold, sans-serif font.

ANGULAR.JS

WHY SHOULD I CARE ABOUT ANGULAR.JS?

- Templating system is preeetty great
- Great and dealing with AJAX
- Easier than jQuery for templating and AJAX
- Component to single page app
- Community adoption/support
- Jobs

WP REST API + ANGULAR.JS = ❤️

enterprise

FEATURES

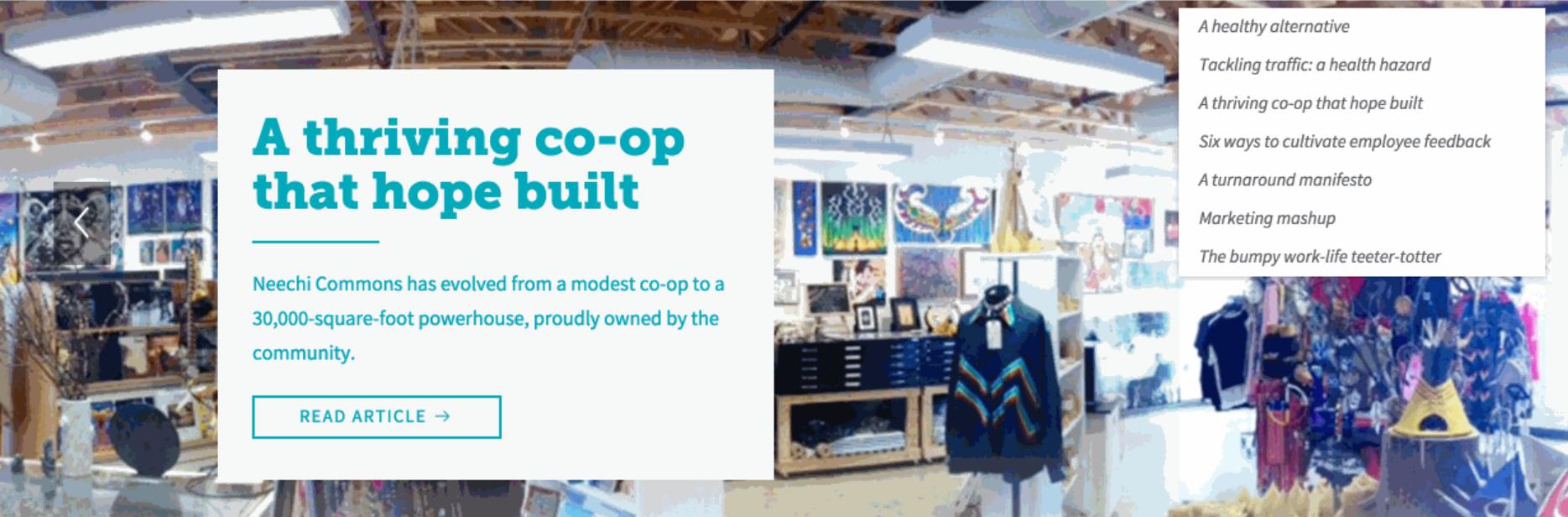
DEPARTMENTS

NEWS

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health

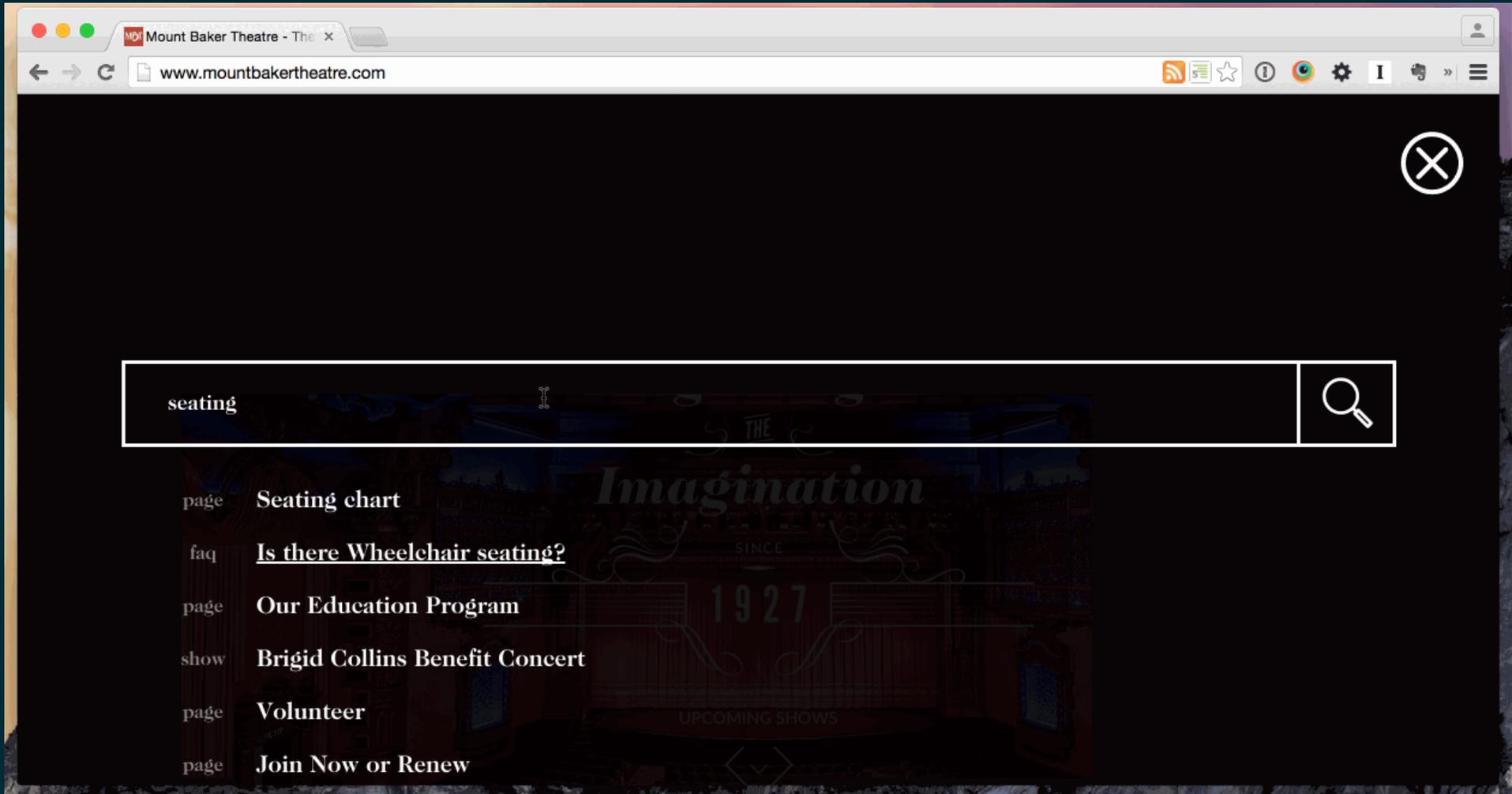


A thriving co-op that hope built

Neechi Commons has evolved from a modest co-op to a 30,000-square-foot powerhouse, proudly owned by the community.

[READ ARTICLE →](#)

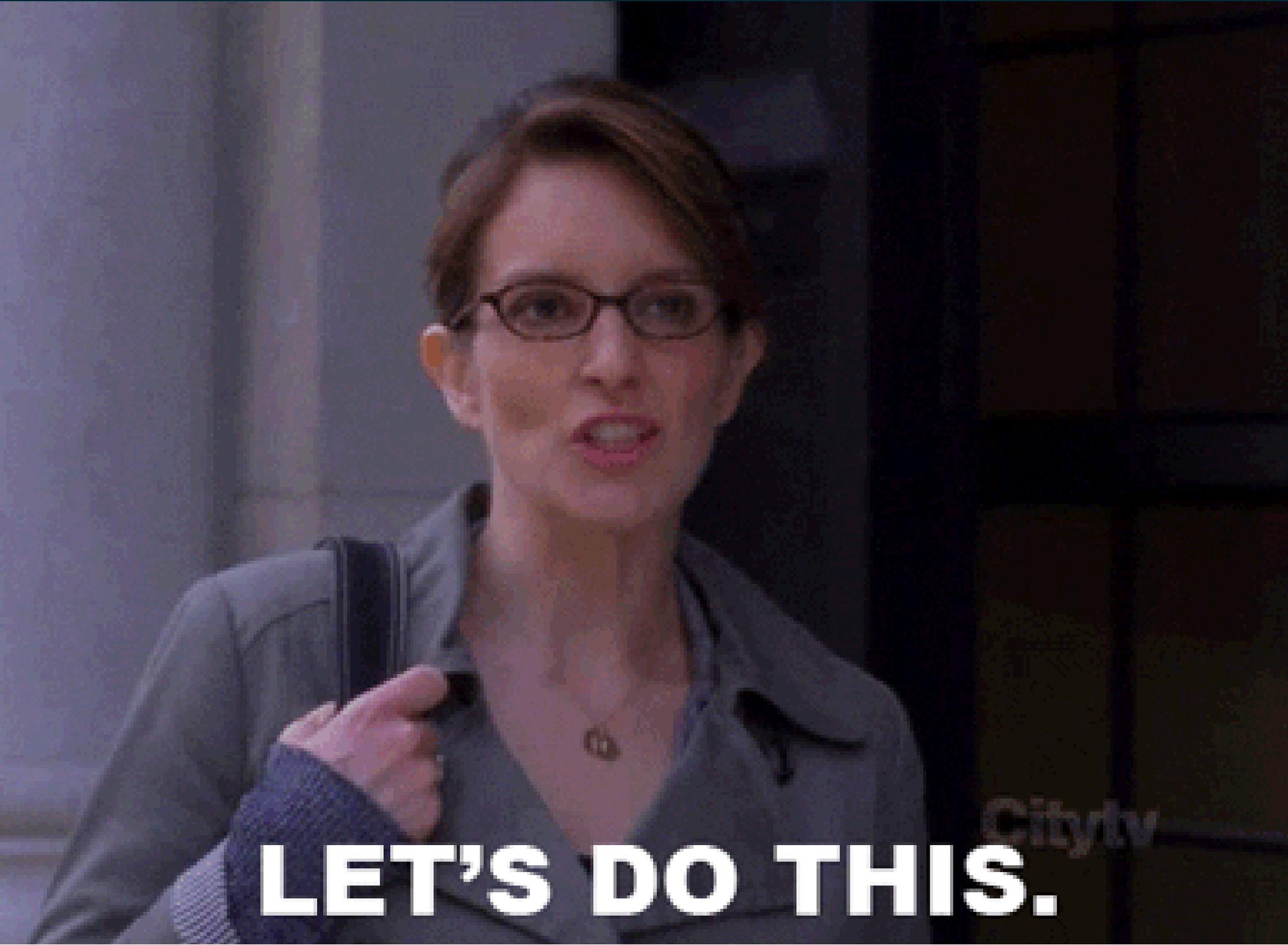
- A healthy alternative*
- Tackling traffic: a health hazard*
- A thriving co-op that hope built*
- Six ways to cultivate employee feedback*
- A turnaround manifesto*
- Marketing mashup*
- The bumpy work-life teeter-totter*



seating



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- page [Join Now or Renew](#)



LET'S DO THIS.

DEMO PROJECT, SLIDES AND LINKS

- nathansh.com/wc15

CONTACT ME

- nathansh.com
- [@_nathansh](https://twitter.com/_nathansh)
- github.com/nathanshubert