

# Building the Future of Open Mapping

Running a Business Like You Would Run an  
Open Source Project



Justin Miller • Mapbox • @incanus77

# Introduction

- I'm the mobile lead at Mapbox
- I'm mostly a software developer
- Been involved in open source since the late 90s
  - Sysadmin → web dev → mobile dev → entrepreneur → Mapbox
- These are just my personal views & experiences



# Mapbox

- We make tools for custom maps for apps & websites
- Software: open source (BSD)
- Stack: for-pay cloud services



# Mapbox

- Privately held
- Bootstrapped for 3 years to ~25 employees
- Took \$10M in VC in October '13
- Now >50 employees

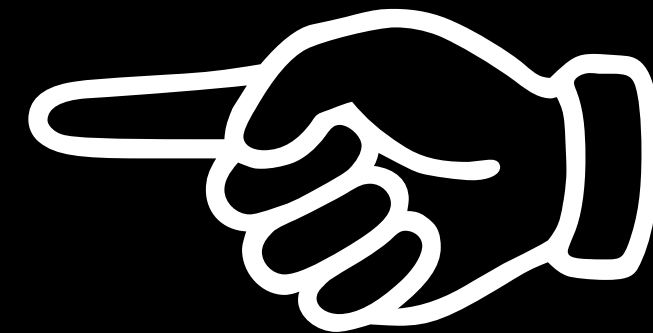
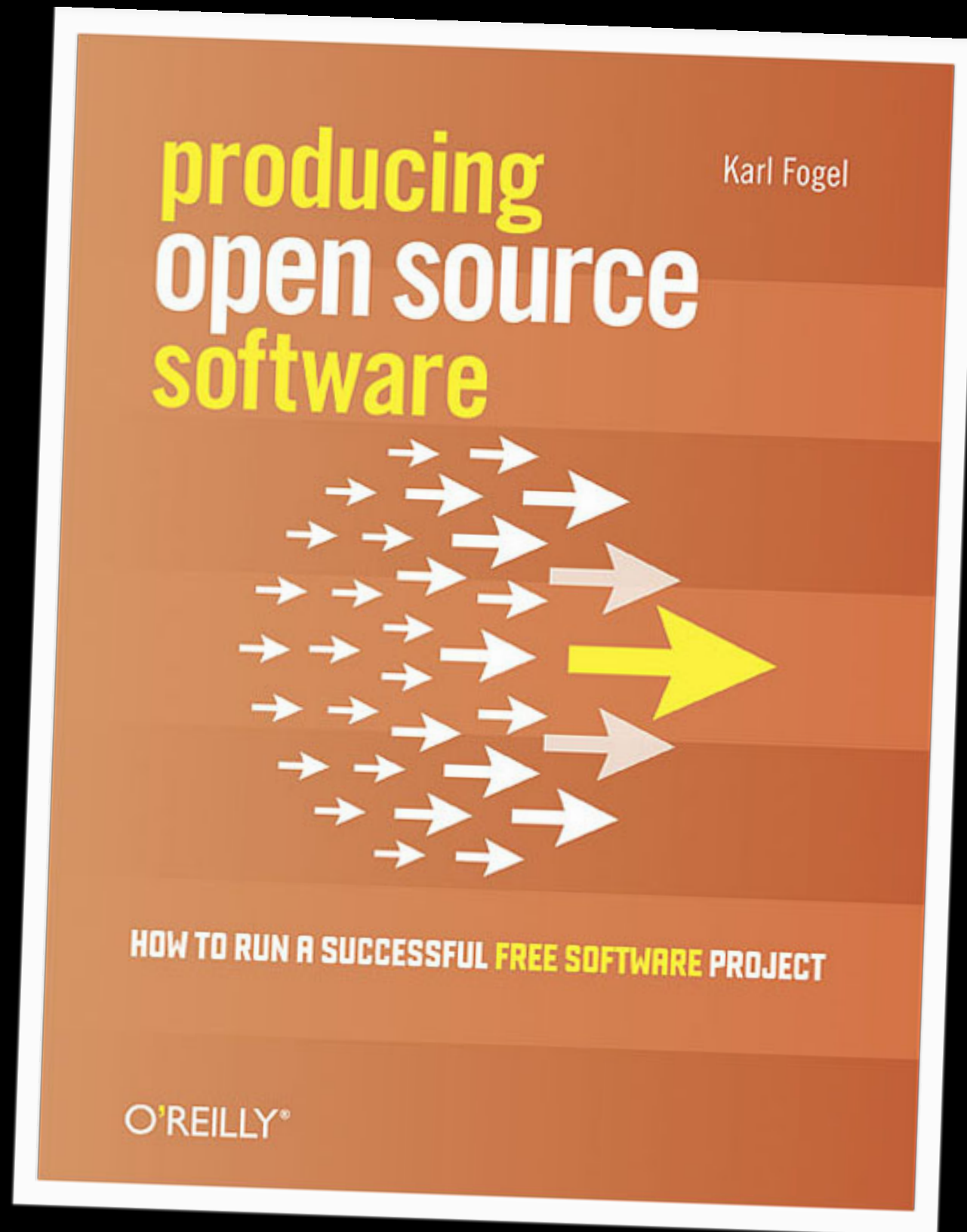


# Business Model

- Cloud-based services like:
  - Map hosting
  - Geocoding
  - Directions
- Monthly plan tiers and enterprise contracts

# Open Source

- Our GitHub:
  - 264 public repositories
  - ...but also 227 private repositories
  - *Everything* we write, if generally reusable, is open sourced



<http://producingoss.com>

# Overview

- Things we do and are working on
- How we work
  - With lots of examples



*Pinterest*

FINANCIAL TIMES

**GitHub**

*foursquare*<sup>®</sup>

 **EVERNOTE**<sup>®</sup>

 **NATIONAL  
GEOGRAPHIC**



**n p r**<sup>®</sup>

*The Washington Post*



# Flowers & Plants & Gardens

Eric Rodenbeck

Edit Board



from Foursquare

San Francisco-Oakland Bay Bridge

BayBridgeHIKE

Pinned from rael-sanfratello.com

Nikki Rodenbeck / Soft Cities Yes!!

Add a comment...



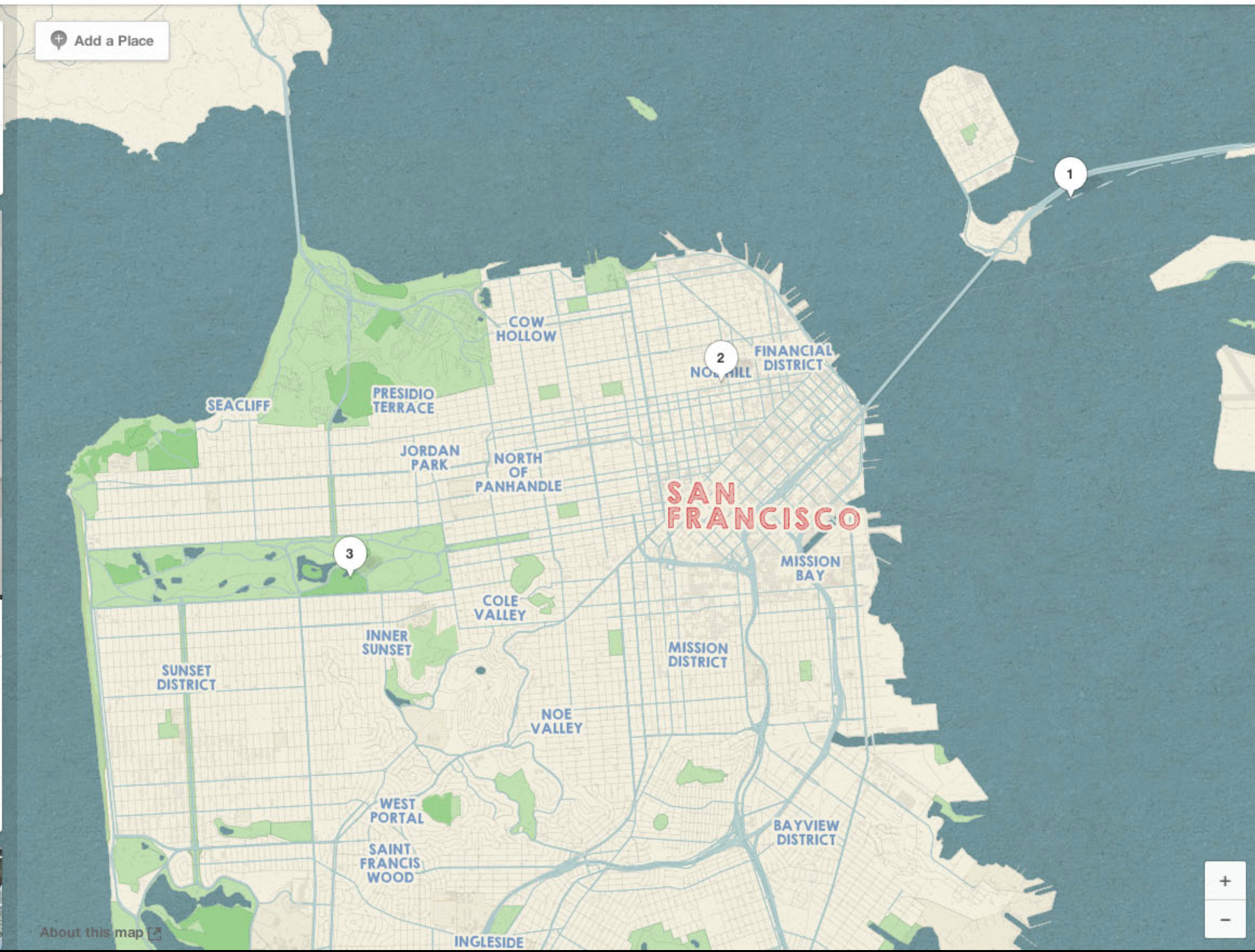
Map this Pin

San Telmo Museum, Spain: Nieto Sobejano Arquitectos (semi-plant wall covering the building with perforated steel sheet)

Pinned from archdaily.com



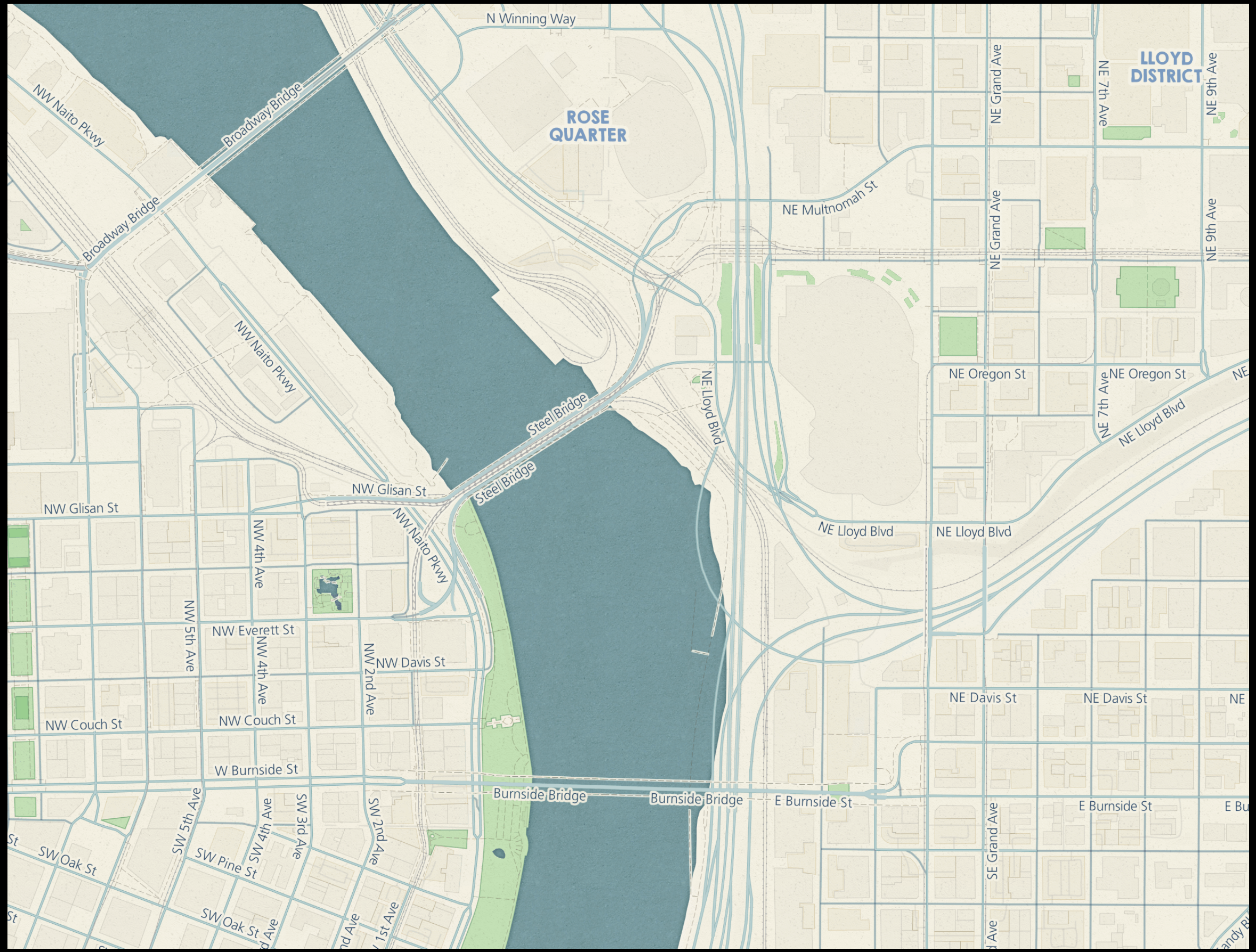
Add a Place



About this map









SPECIAL REPORT

# ELECTION 12

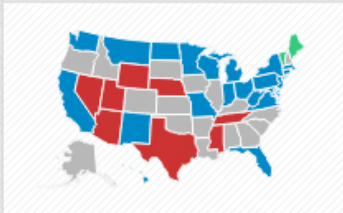
Overview Candidates Battleground Conventions Debates Results

## RESULTS

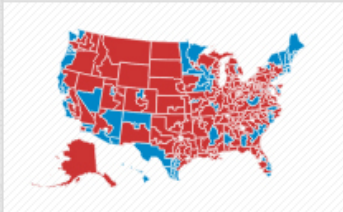
UPDATED: 10:20 AM, 12/10/12

Map Table Share Fullscreen

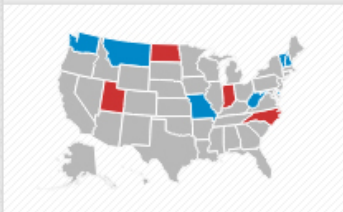
### SENATE



### HOUSE



### GOVERNOR

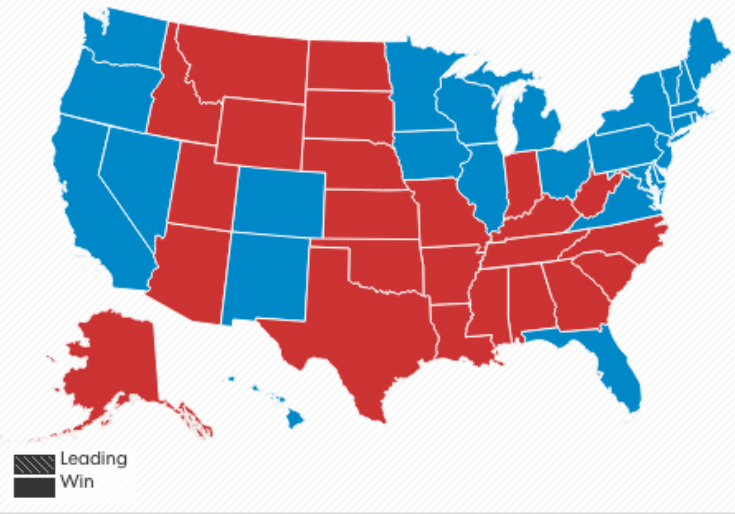


### PRESIDENT

STATES COUNTIES ELECTORAL

HOVER FOR RESULTS AND CLICK TO ZOOM

Search for a state...



### UPDATES

4:01 PM, 12/ 5/12



#### RACES CALLED

Charles Boustany wins the race in Louisiana for House District 3.

11:47 AM, 11/29/12



#### RACES CALLED

Mike McIntyre wins the race in North Carolina for House District 7.

1:07 PM, 11/21/12



#### RACES CALLED

\* Map reflects projected winner as determined by the AP based on actual returns and exit polls.

# CAMPAIGN 2012

## 2012 Presidential Election Results

Exit polls 2012: How the vote shifted

PRESIDENT

SENATE

HOUSE

GOVERNOR



Map

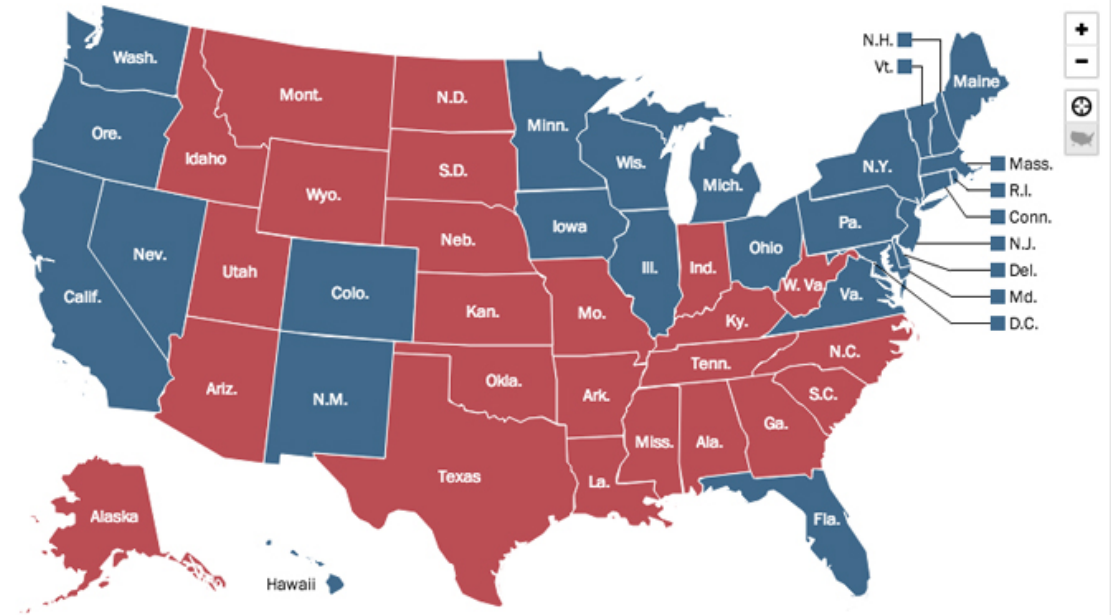
Table

### State results

State margin  
County results  
County margin

### Results key

Lead Win  
Obama  
Romney  
No leader\*  
No results



Last updated on Nov. 19. Full certified AP results not available until January.

### Overall results

Select a state

### 2012 results

	VOTES	% WON
Barack Obama	62,611,250	50.6%
Mitt Romney	59,134,475	47.8
Others	1,968,682	1.6

### Results: 2008 | 2004

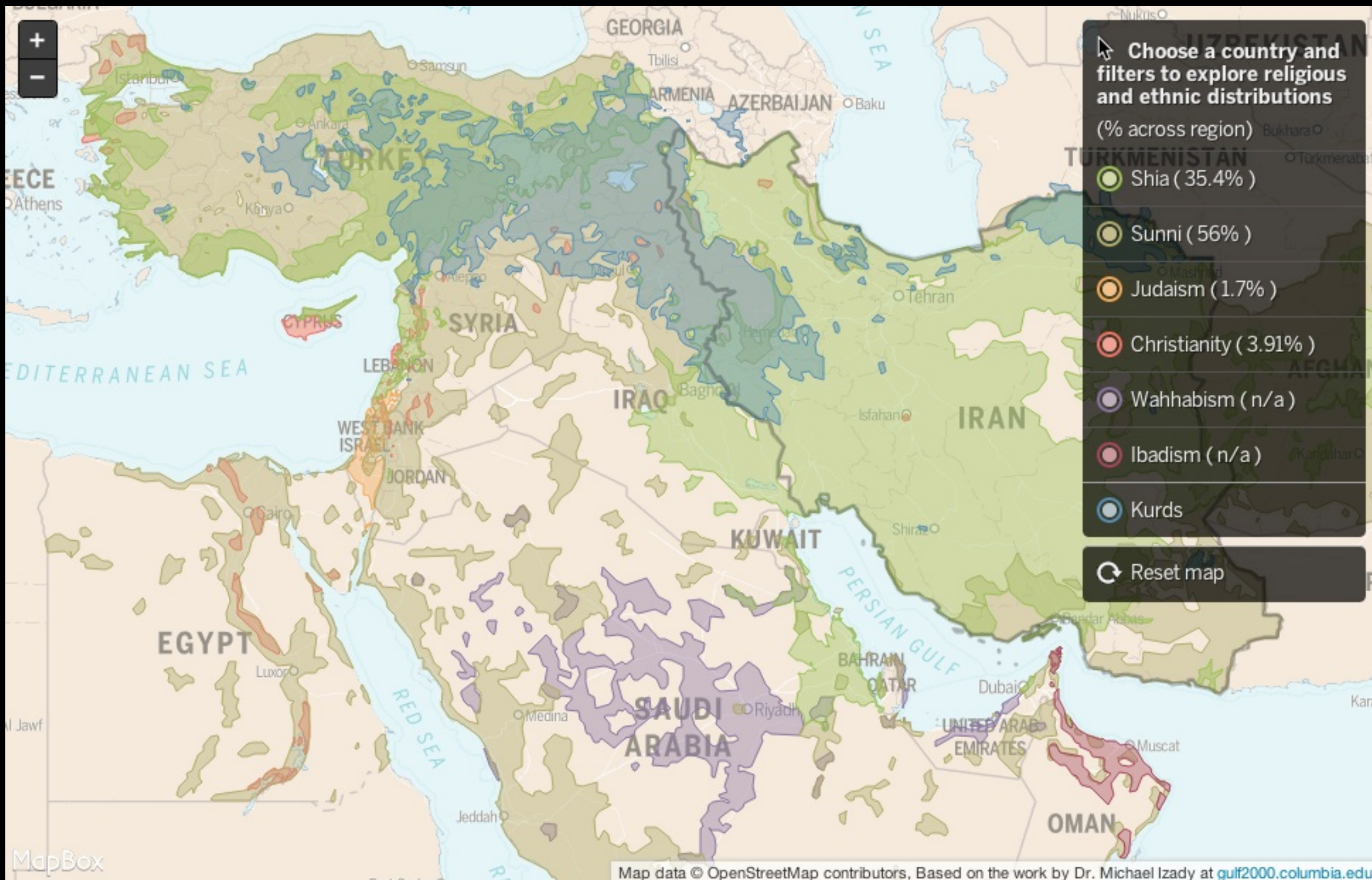
	VOTES	% WON
Barack Obama	69,492,376	53.0%
John McCain	59,946,378	45.7
Others	1,703,390	1.3

### Battleground state watch

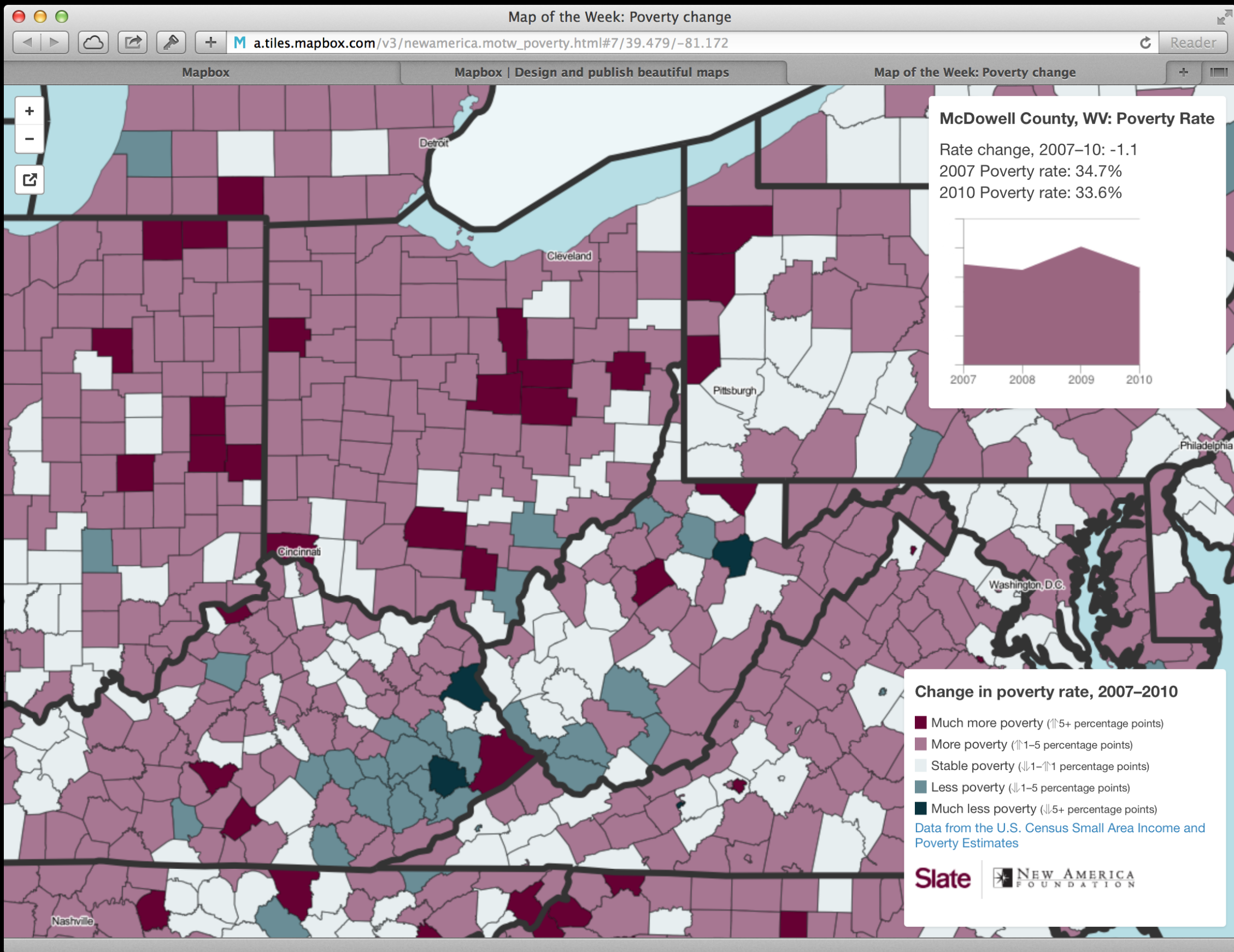
State	Electoral votes	Barack Obama	Mitt Romney	Others
Ohio	18	50.1%	48.2	1.6
Virginia	13	50.8%	47.8	1.4
Florida	29	50.0%	49.1	0.9
Colorado	9	51.2%	46.5	2.3
Nevada	6	52.3%	45.7	2.0

Iowa New Hampshire Wisconsin New Mexico North Carolina

















Canada

United States

Mexico

Cuba

CR

Venezuela

Iceland

Norway

UK

Poland

Italy

PT

Turkey

Algeria

Mali

Cape Verde

Sudan

Saudi Arabia

Afg

Ka



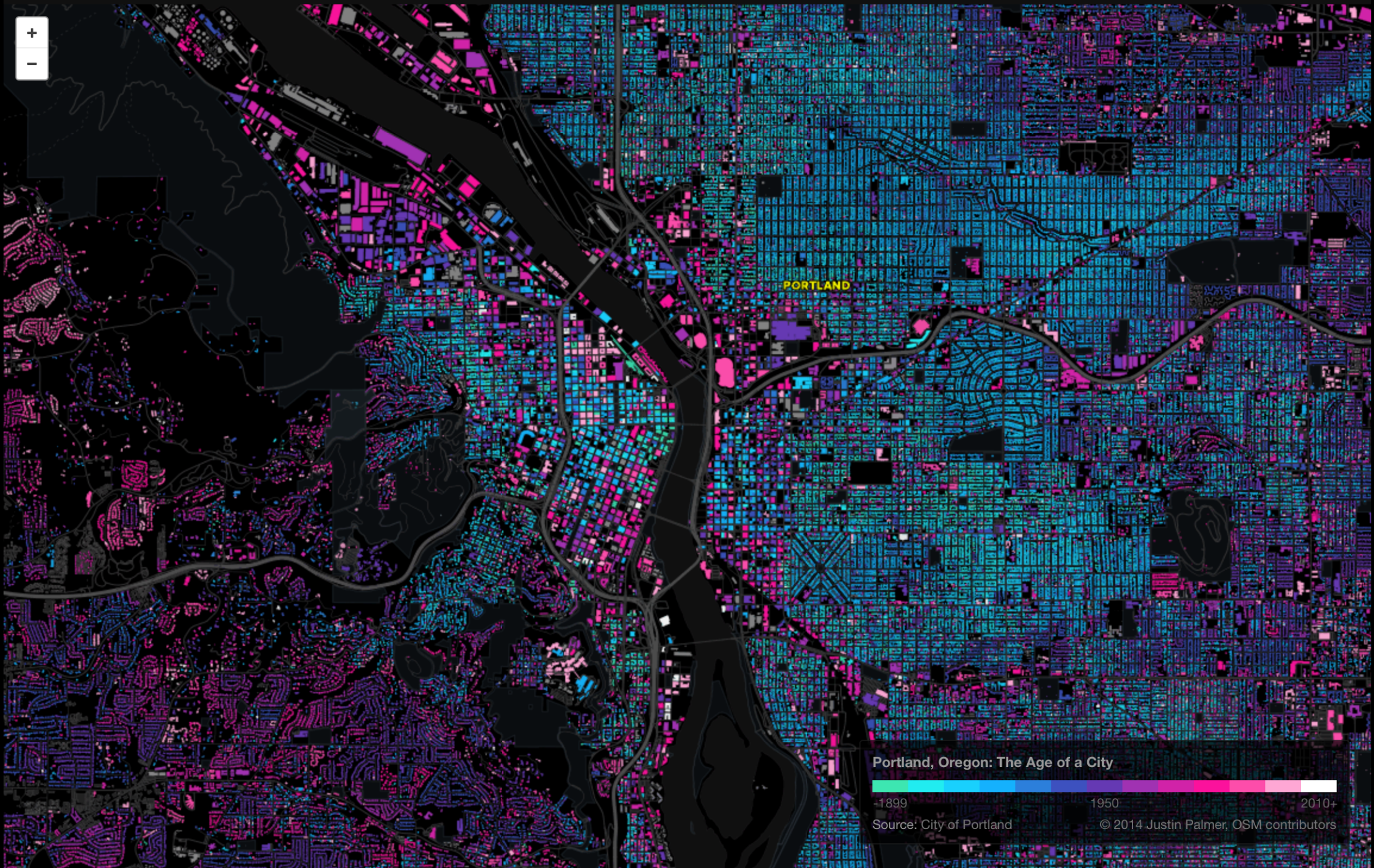


Boston

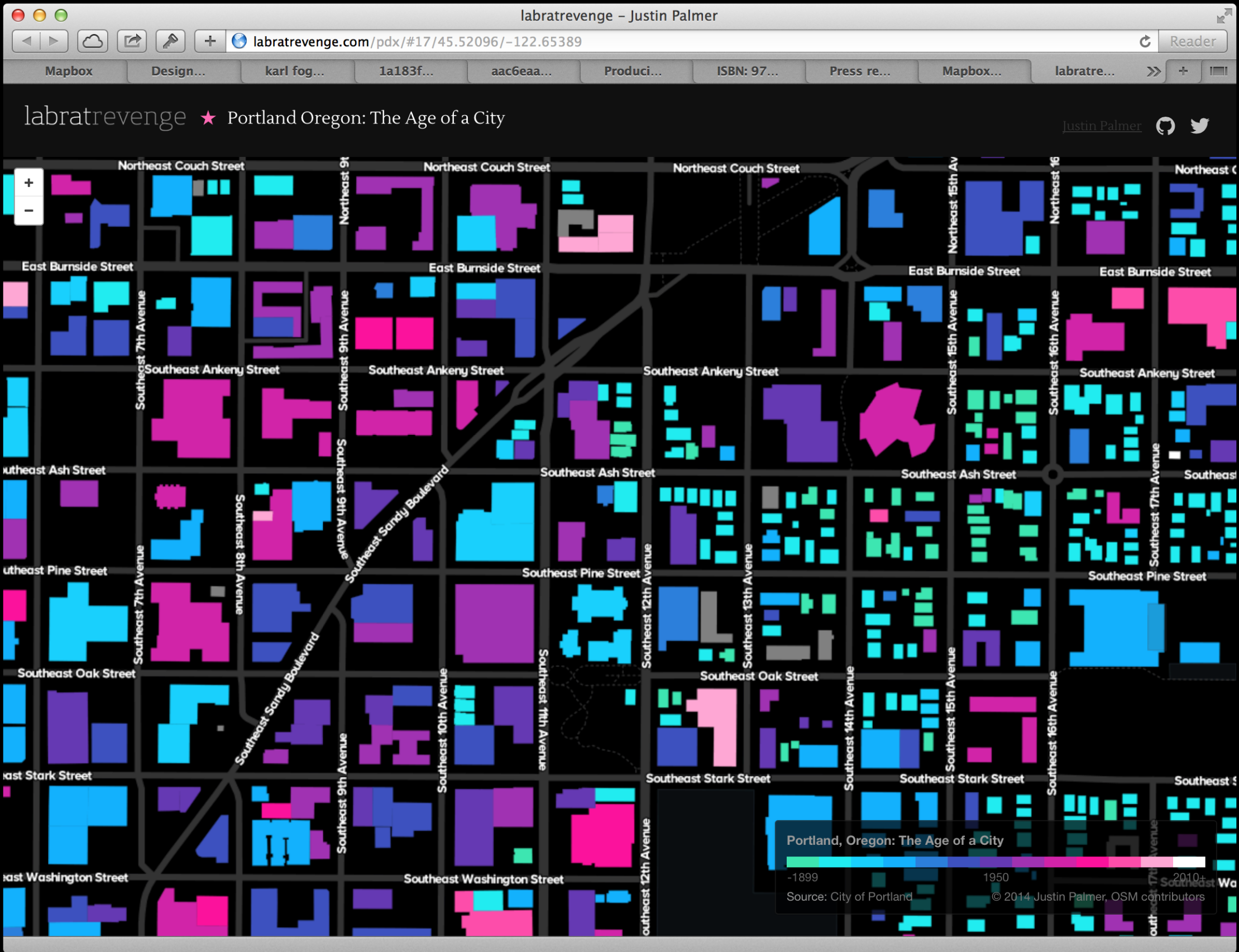


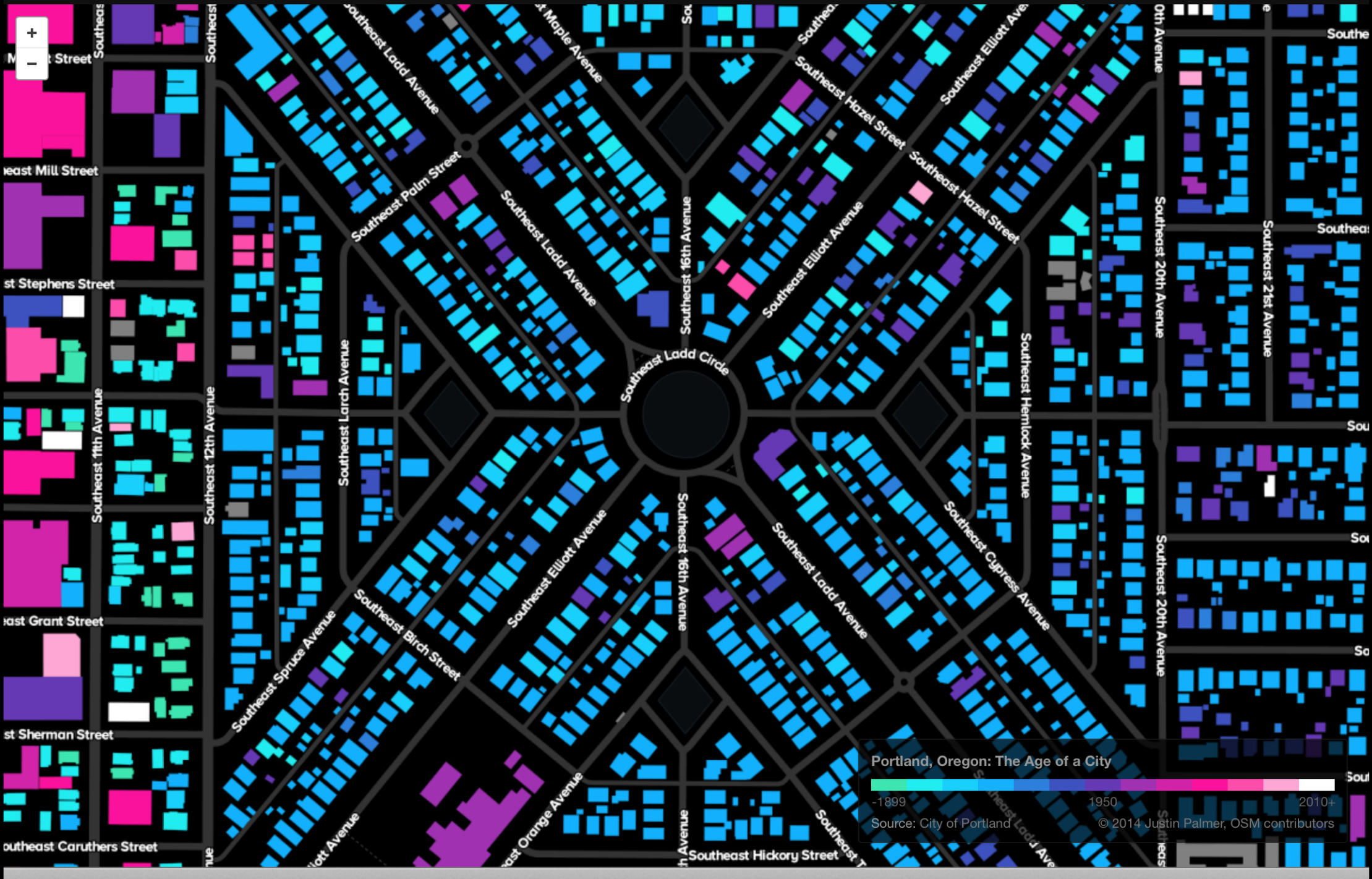
labratrevenge ★ Portland Oregon: The Age of a City

Justin Palmer



























Mapbox Launches Smart Directions | Mapbox

https://www.mapbox.com/blog/launching-smart-directions/

Mapbox

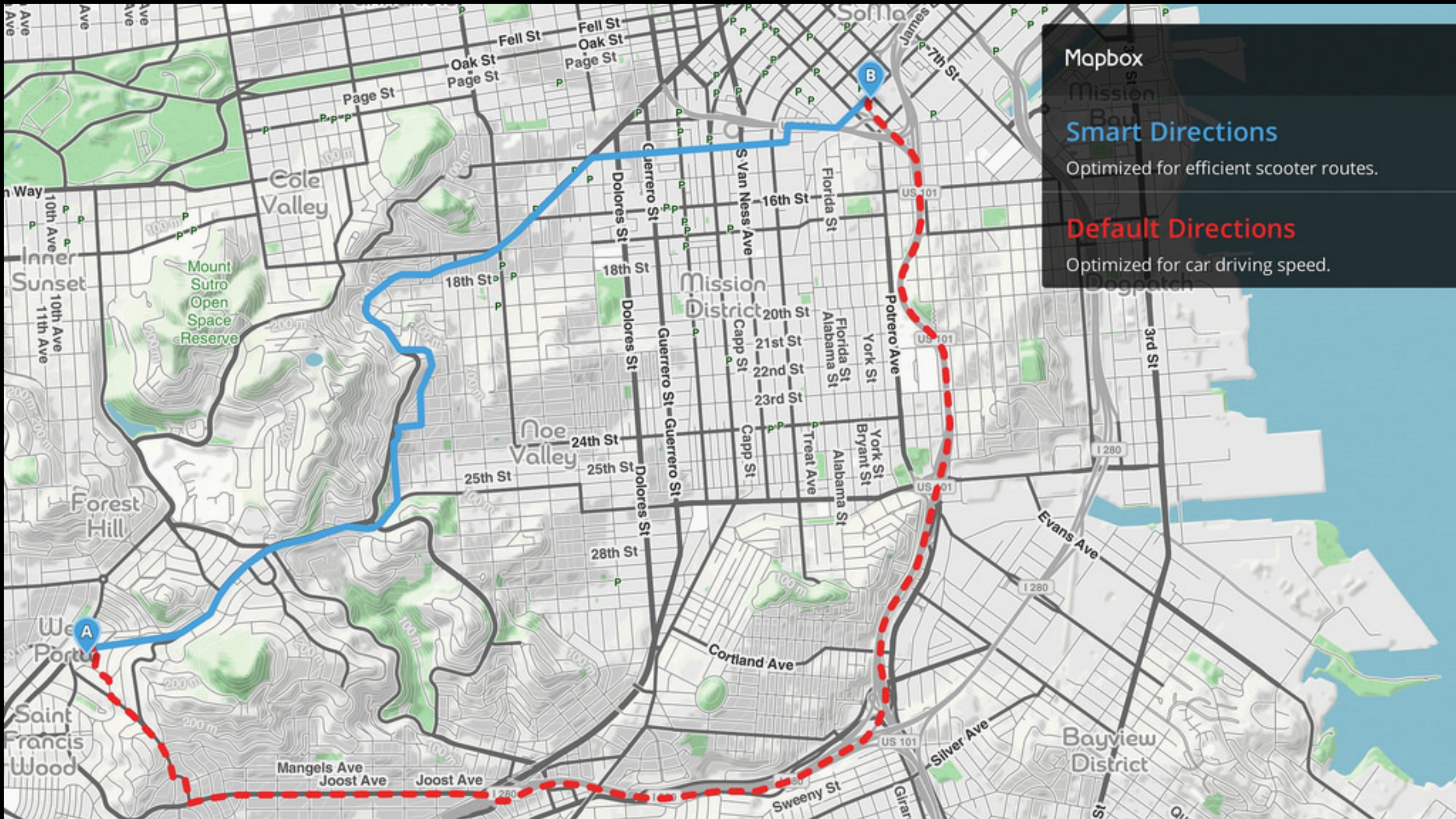
Help Developers Projects Data justin

# ANNOUNCING *Smart Directions* BY MAPBOX



Mapbox just launched Smart Directions. Developers can now program routing profiles with the same level of customization that we bring to our map designs. This means full control over a key building block for location-based applications. Mapbox Smart Directions allows for custom routing profiles that work like a set of rules saying how users can get from Point A to Point B. It's no longer just about the shortest or fastest route — now you can have the most energy efficient route for your electric car, or a route with the steepest hills for training, or you can set your skill level to see only the mountain bike trails with which you're comfortable.





Mopbox  
Mission Bay  
**Smart Directions**  
Optimized for efficient scooter routes.

**Default Directions**  
Optimized for car driving speed.

Dogpatch




Introducing Mapbox Outdoors | Mapbox

https://www.mapbox.com/blog/mapbox-outdoors/ Reader

What is... MapBox... Debandi... Debandi... Ops spri... Issues ... Blog SF... [DRAFT]... Introduc... [blog] I... +

Mapbox Help Developers Projects Data justin

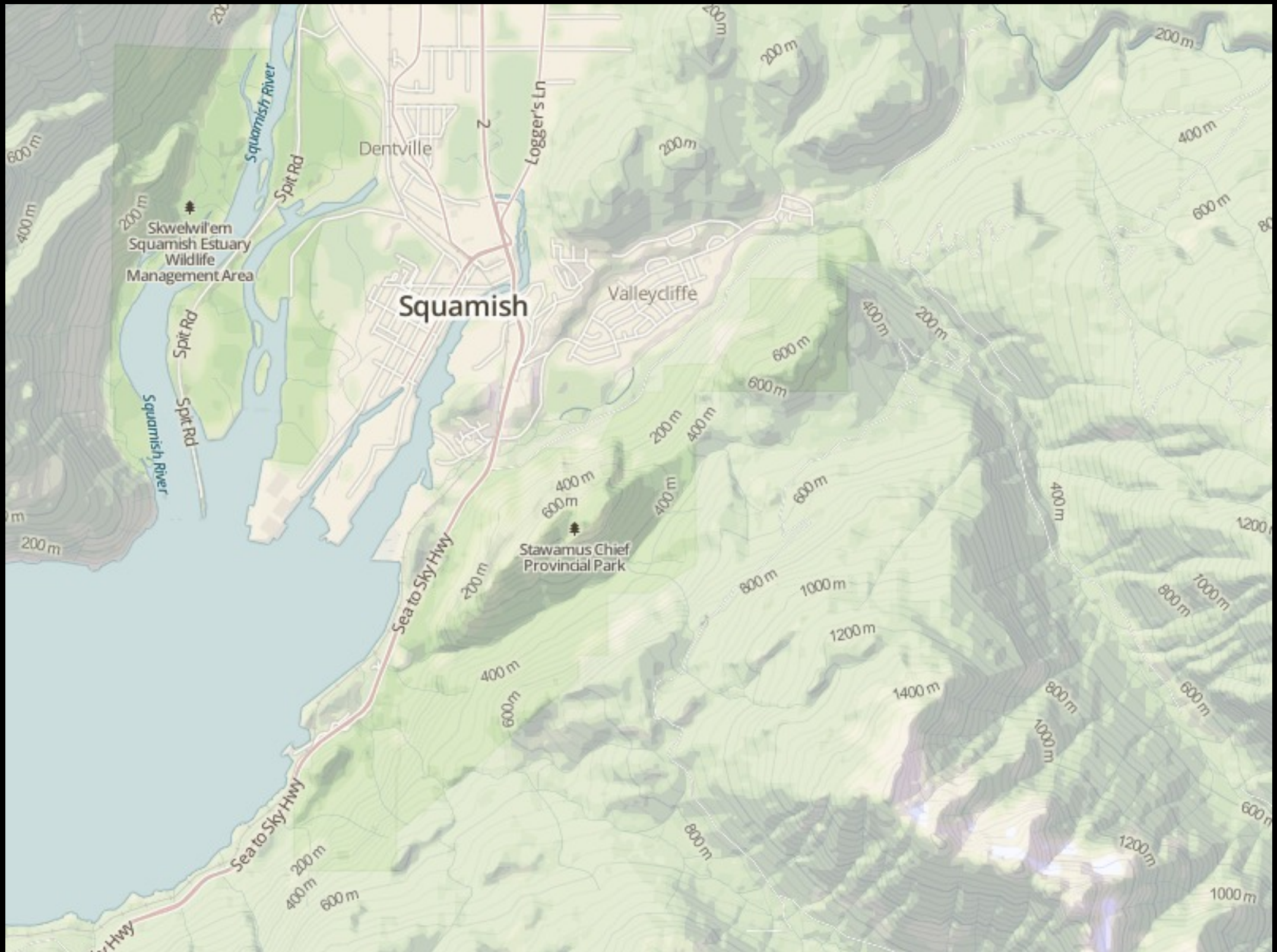


# INTRODUCING MAPBOX OUTDOORS

**A beautiful new map designed for outdoor adventures.**

Mapbox Outdoors is ready for anything: it includes thousands of biking, hiking, and skiing trails on top of detailed terrain with elevation data. Off the beaten path, find marked creeks, mountain peaks, and other geological features. What would your activity tracker or travel







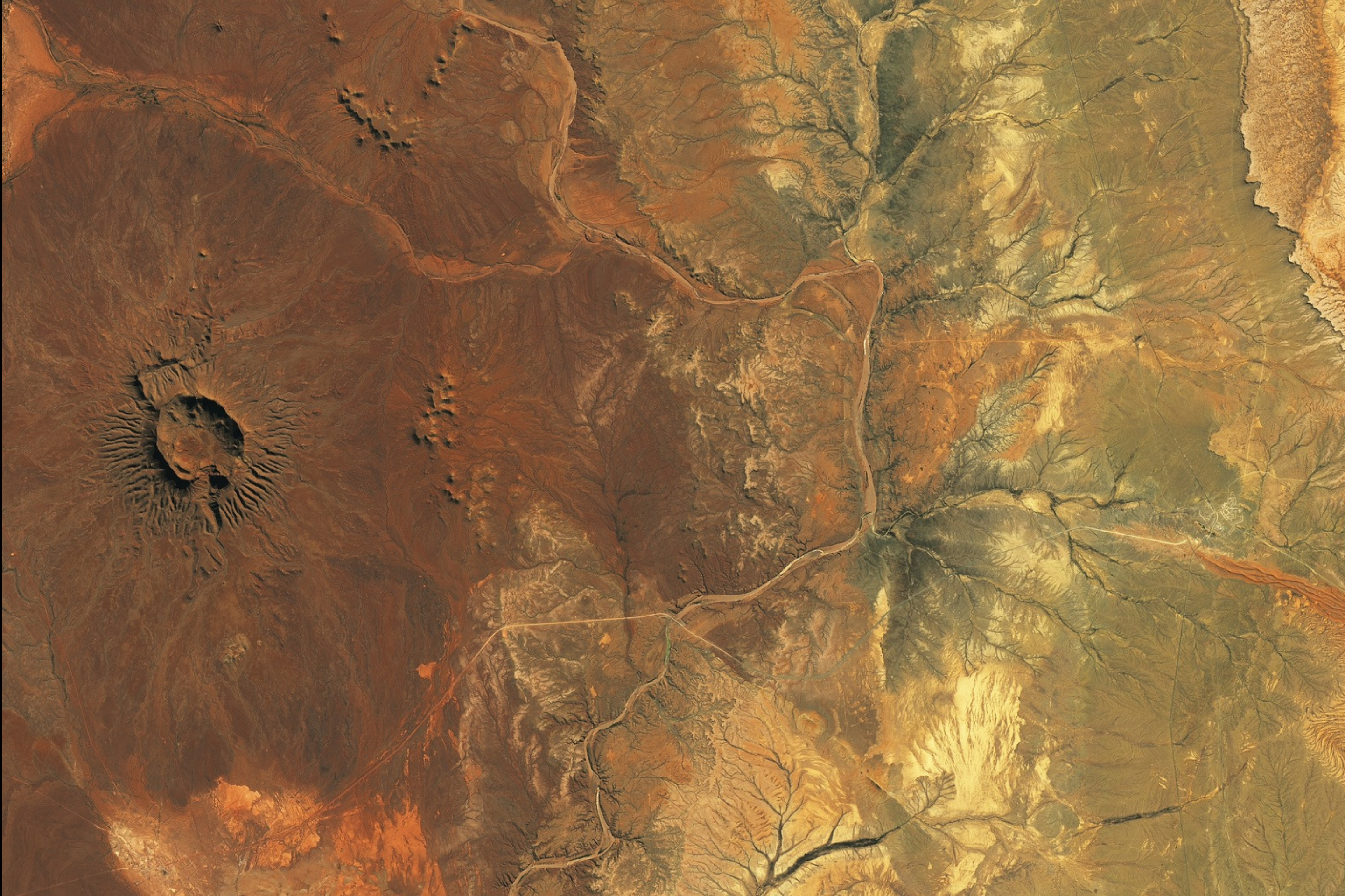


There are two images per day. About 1% are missing due to various externalities

Another sample image with a more interesting range of color, and its projection into saturation/lightness

Only the left satellite is attached to the left edge of the image. The right satellite is another way of viewing the same data.

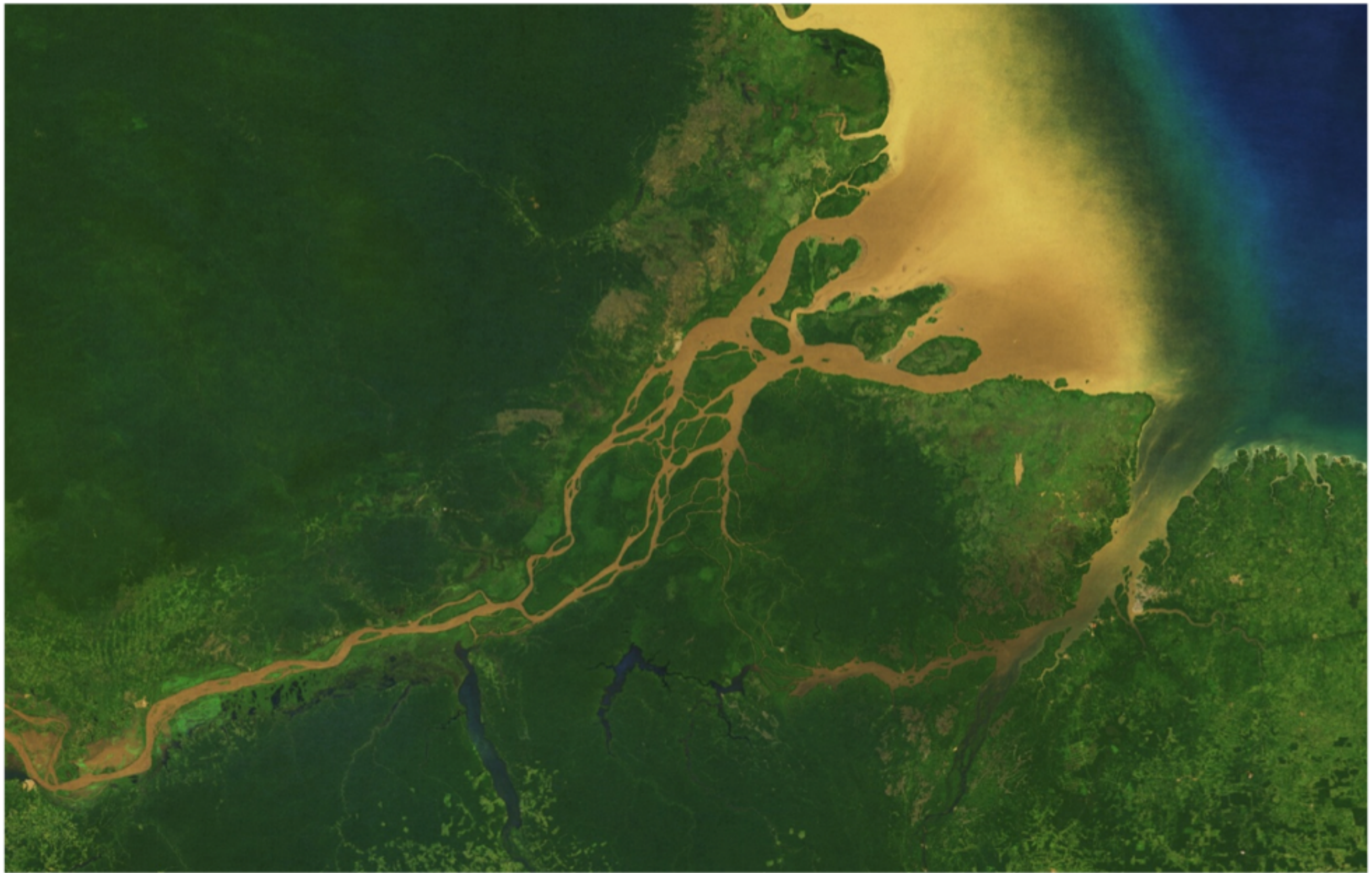


















How We Work




# 7 Concepts

# #1: Public By Default

- Consider if something really needs to be private
- Transparency around new projects & timelines
- Hire based on open source projects

# What Needs to Be Private?

- HR & personal info (email or private chat)
- Internal strategy
  - Where we are trying to move space
  - “Avoid Private Discussions” 

# #2: Decisions Make Leaders

- Credit for phrase: @JessieChar
- Managers need to be briefed, sure
- But everyone manages at various points in time
- “Benevolent Dictators” 
- “Consensus-based Democracy” 

# Benevolent Dictators

- *“The benevolent dictator model is exactly what it sounds like: final decision-making authority rests with one person, who, by virtue of personality and experience, is expected to use it wisely.”*
- *“...benevolent dictators commonly do not dictate much. Instead, they let things work themselves out through discussion and experimentation whenever possible.”*

# Consensus-based Democracy

- *“Most conversation in a project is on technical topics [...] Consensus-based governance works well because it blends seamlessly with the technical discussion itself. By the end of a discussion, there is often general agreement on what course to take.”*
- “Version Control Means You Can Relax”



# #3: Live in Your Tools

- Choose great tools
- Dogfood the things that you build
- Keep a consistent interface

MSDN Blogs

blogs.msdn.com/b/typescript/archive/2014/07/21/new-compiler-and-moving-to-github.aspx

Mapbox | Design and publish beautiful maps

MSDN Blogs

Server & Tools Blogs > Developer Tools Blogs > TypeScript

Sign in

Executive Bloggers Visual Studio Application Lifecycle Management Languages .NET Framework Platform Development

# TypeScript

## New Compiler and Moving to GitHub

Jonathan Turner [MS] 21 Jul 2014 9:52 AM 23

RATE THIS

Today we're announcing two changes to the TypeScript project.

### Introducing the New Compiler

The first change we're making to TypeScript is that we've been taking a good, hard look at the compiler performance we had with 1.0. We knew we could leverage the experience from building the original compiler over the last two years. This led to experimenting with a new, lighter-weight compiler core. The early results with this new compiler core were so positive that we're now focused on growing this core into the new TypeScript compiler and language service.

The first stage of this effort is to build a complete standalone compiler based on this new core architecture. The new compiler follows the same TypeScript 1.0 language spec, has the same compiler flags and compiler functionality, and outputs nearly identical code to the currently shipping TypeScript compiler. Once complete, the new compiler should be drop-in compatible with the existing one. The goal here isn't new compiler features, but rather a cleaner compiler architecture that has better performance and allows us to add new features with greater ease in releases to come.

Our work to date on the new compiler has been very promising. At its current level of completeness, the new compiler is able to compile existing real-world TypeScript code 5x faster than the currently shipping compiler. These results are still early. Once the compiler has reached parity, we'll be able to report out a more complete picture of the performance improvements.

We have a good start, but there's a lot of work to do. For the experiment to mature into a full-featured compiler, in addition to making sure the code is robust and correct, we still need to flesh out the following features:

- **Parser** - Strict mode, incremental parsing for the language service (if necessary).
- **Type checking** - Get type checker to parity with 1.0 in terms of error coverage. This is nearing completion.

Visual Studio

Search MSDN with Bing

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Atom

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Spanish

Microsoft® Translator

### Recent Posts

New Compiler and Moving to GitHub  
Posted 22 hours ago

Announcing TypeScript 1.0.1  
Posted 2 months ago

Announcing TypeScript 1.0  
Posted 3 months ago

Announcing TypeScript 1.0RC  
Posted 4 months ago

Live Now on Developer



# Wins With GitHub

- Code & commentary inline
- Pull requests
  - We even use these for blog posts
- Fast search
- Teams & notifications



# Things We Do On GitHub

- Technical projects & code (naturally)
- Intranet & team announcements
- Communications strategy
- Recruiting
- Business strategy
- Sales leads
- Outreach
- All websites
- Core API
- Office (travel, equipment, office spaces, events, vacation)



neaten up pinch gesture · Issue #52 · mapbox/mapbox-gl-native

https://github.com/mapbox/mapbox-gl-native/issues/52

This repository Search or type a command Explore Gist Blog Help incanus

mapbox / mapbox-gl-native Unwatch 83 Star 260 Fork 20

## neaten up pinch gesture #52

**Closed** incanus opened this issue on Feb 7 · 1 comment

incanus commented on Feb 7 Owner

In fixing #46, pinches are now very slightly off. @kkaefer explains this well:  
[http://i.kkaefer.com/Movie\\_on\\_06.02.14\\_at\\_21.38.mov](http://i.kkaefer.com/Movie_on_06.02.14_at_21.38.mov)

incanus referenced this issue on May 29 Closed

**Smooth easing in map interactions #262**

incanus closed this on May 30

incanus commented on May 30 Owner

Fixed in [mapbox/mapbox-gl-cocoa@7c7bb23](#).

Write Preview Md Parsed as Markdown Fullscreen Edit in fullscreen

Leave a comment

Labels: bug

Milestone: WWDC

Assignee: No one assigned

Notifications: Unsubscribe

1 participant

Lock issue



OS X firewall alert · Issue #2224 · mapbox/tilemill

github.com/mapbox/tilemill/issues/2224

What is... MapBox... Debandi... Debandi... Ops spri... mapbox... resolve... [NOT RE... mapbox... OS X fir... +

This repository Search or type a command Explore Gist Blog Help incanus +

mapbox / tilemill Unwatch 138 Star 1,832 Fork 287

## OS X firewall alert #2224

**Closed** incanus opened this issue on Feb 27 · 7 comments

**Edit** **New issue**

**Labels** osx

**Milestone** No milestone

**Assignee** No one assigned

**Notifications** Unsubscribe

You're receiving notifications because you modified the open/close state.


**3 participants**

Lock issue

incanus commented on Feb 27

Owner

Is there a way to be more descriptive here? If the OS X firewall is enabled, this is seen at first launch:



The user might not necessarily know why `node` is involved.

h/t @danielpunkass

springmeyer commented on Feb 27


Owner

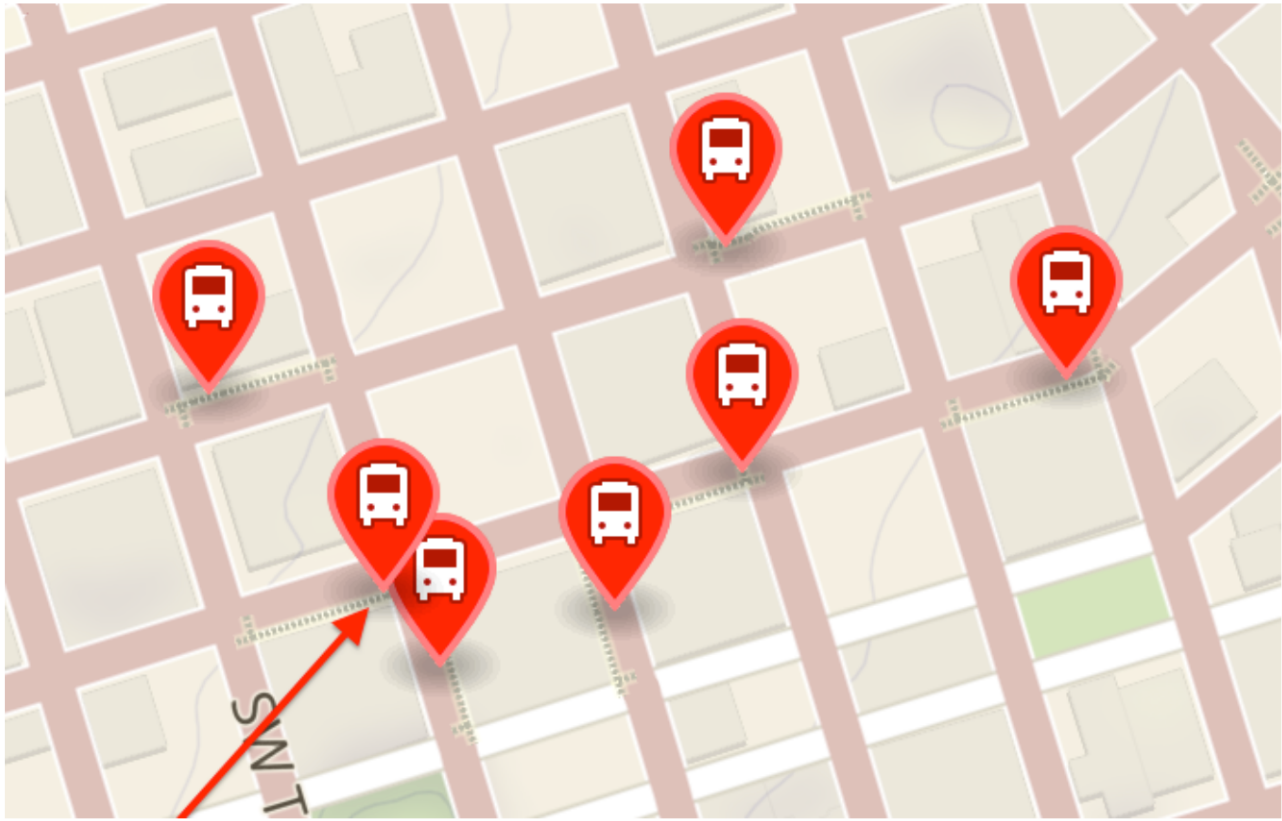


resolve point overlapping · Issue #333 · mapbox/mapbox-gl-native

github.com/mapbox/mapbox-gl-native/issues/333

What is chao... MapBox on in... Debanding t... Debanding T... Ops sprint in... Issues · map... resolve point... [NOT READ...]

 **incanus** commented on Jun 20 Owner ✎ ✕




**Labels** ⚙  
None yet


**Milestone** ⚙  
No milestone


**Assignee** ⚙  
No one assigned

**Notifications**  
🔊 Unsubscribe  
You're receiving notifications because you authored the thread.

**1 participant**  


🔒 Lock issue

 **incanus** referenced this issue on Jun 20  
**collisions prevention for pois #259** 🔗 Open

 **Write** **Preview** 📄 Parsed as Markdown 🖥 Edit in fullscreen

Leave a comment



mapbox/www.mapbox.com

https://github.com/mapbox/www.mapbox.com

What is chao... MapBox on in... Debanding t... Debanding T... Ops sprint in... Blog SF comp... [DRAFT] Map... mapbox/ww...

This repository Search or type a command Explore Gist Blog Help incanus

mapbox / www.mapbox.com Unwatch 52 Star 7 Fork 2

Mapbox product site. <https://www.mapbox.com> — Edit

15,293 commits 79 branches 15 releases 64 contributors

branch: master www.mapbox.com / +

Merge pull request #4334 from mapbox/runkeeper-search-blog

heyitsgarrett authored 4 days ago latest commit 7448d05706

_fastly	Increase font max-age to 2 months, css and image max-age to ;2 hours	a month ago
_includes	bigger text and cleanup	a month ago
_layouts	Merge	10 days ago
_plugins	Hardcode www.mapbox.com	4 months ago
_posts	Merge pull request #4334 from mapbox/runkeeper-search-blog	4 days ago
about	Add 2014	20 days ago
account	Merge master here	13 days ago
admin	Merge master here	13 days ago
allfeatures	MapBox -> Mapbox. Fixes #2675.	7 months ago
assets-api	v4 / Mapbox.js 2.0 embed assets	19 days ago
assets	use https for glyphs endpoint	a month ago
authorize	Use simple layout. Make adjustments to reflect this and nuke reset/	a month ago
blog	Merge master here	13 days ago
browser	Address icon issues on /browser by nuking them. Closes #4159	a month ago

Code

Issues 303

Pull Requests 22

Wiki

Pulse

Graphs

Network

Settings

SSH clone URL

git@github.com:mapbo: [copy]

You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

Clone in Desktop

Download ZIP

[blog] low bandwidth + mobile by incanus · Pull Request #2797 · mapbox/www.mapbox.com

https://github.com/mapbox/www.mapbox.com/pull/2797

What is ch... MapBox o... Debanding... Debanding... Ops sprint... Issues · m... Blog SF co... [DRAFT] M... [blog] lo...

This repository Search or type a command Explore Gist Blog Help incanus

mapbox / www.mapbox.com Unwatch 52 Star 7 Fork 2

## < [blog] low bandwidth + mobile #2797

Merged tmcw merged 19 commits into master from blog-low-bandwidth 6 months ago

Conversation 27 Commits 19 Files changed 1 +113 -0

**incanus** commented on Dec 18, 2013

Per [mapbox/communications#114](#) this is a post about our existing server-side APIs for tile compositing and image quality, as well as touching on the iOS SDK's support for them. Main focus is mobile + low bandwidth scenarios, "Mapbox is mobile first", this has been around a long time, Did You Know?, etc.


- teaser pic
- better table formatting
- possibly snazzier example tile
- why is default JPG the same size as 80% JPG (@yhahn?)

Snapshot to follow.

first cut of low bandwidth post 1ab0eb8

**incanus** commented on Dec 18, 2013

Snapshot:



Tour Showcase Blog Plans Help Sign in Sign up

Labels: None yet

Milestone: No milestone

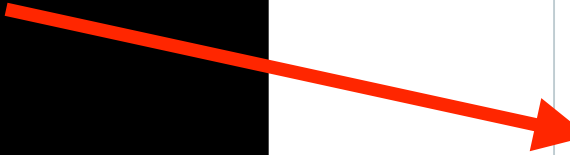
Assignee: No one assigned

Notifications: Unsubscribe

You're receiving notifications because you were mentioned.

7 participants

Lock pull request





[DRAFT] Mapbox GL launch blog by incanus · Pull Request #4090 · mapbox/www.mapbox.com

https://github.com/mapbox/www.mapbox.com/pull/4090

This repository Search or type a command Explore Gist Blog Help incanus

mapbox / www.mapbox.com Unwatch 52 Star 7 Fork 2

## < [DRAFT] Mapbox GL launch blog #4090

Merged eden merged 49 commits into master from blog-mapbox-gl about 1 month ago

Conversation 3 Commits 49 Files changed 17 +3,012 -40

**incanus** commented on Jun 3

Tried to incorporate the gist tossed between @gundersen & @incanus # as well as @kkaefer's #.

- ✓ blog post image assets
- ✓ repos opened ([mapbox/gl-internal#6](#))
- ✓ iOS packaging ([mapbox/mapbox-gl-cocoa#9](#)) & docs ([mapbox/mapbox-gl-cocoa#10](#))
- ✓ broad header image/HTML layout like [Smart Directions](#) and [Outdoors?](#)
- ✓ possible WebGL integration ([mapbox/mapbox-gl-js#401](#))
- ✓ next steps ticket list in post

@gundersen @edenh @kkaefer @heyitsgarrett

**incanus** added some commits on Jun 3

- first cut of Mapbox GL launch blog 710ba18
- link iBeacon 56e9062
- fix typo 39e5cdf

**incanus** referenced this pull request in [mapbox/communications](#) on Jun 3

**GL announcement - design process #265** 🔒 **Closed**

Labels: None yet

Milestone: No milestone

Assignee: No one assigned

Notifications: Unsubscribe

You're receiving notifications because you were mentioned.

7 participants

Lock pull request



[DRAFT] Mapbox GL launch blog by incanus · Pull Request #4090 · mapbox/www.mapbox.com

https://github.com/mapbox/www.mapbox.com/pull/4090/commits

What is chaos la... | MapBox on insta... | Debanding the... | Debanding The... | Ops sprint in SF... | Blog SF complet... | [DRAFT] Mapbo...

This repository | Search or type a command | Explore | Gist | Blog | Help | incanus

mapbox / www.mapbox.com | Unwatch 52 | Star 7 | Fork 2

## < [DRAFT] Mapbox GL launch blog #4090

Merged | eden merged 49 commits into master from blog-mapbox-gl about 1 month ago

Conversation 3 | Commits 49 | Files changed 17 | +3,012 -40

Showing 49 unique commits by 6 authors.

Jun 03, 2014		
incanus	first cut of Mapbox GL launch blog	710ba18
incanus	link iBeacon	56e9062
incanus	fix typo	39e5cdf
incanus	tweaks	4e3d326
edenh	update layout and add js demo	adb32fd
edenh	add tweaks	10f5211
samanpwbb	add multi-author support for blog feed	2668187
samanpwbb	fixes for multi author support	6a1e3fd
Jun 04, 2014		
samanpwbb	move deprecated author code into template out of post	98ba9f4
incanus	Merge remote-tracking branch 'origin/master' into blog-mapbox-gl	6543608
edenh	add night toggle	5b7e562
edenh	Merge branch 'blog-mapbox-gl' of https://github.com/mapbox/www.mapbox...	98318dc
gundersen	added side by sides	672e627



[DRAFT] Mapbox GL launch blog by incanus · Pull Request #4090 · mapbox/www.mapbox.com

https://github.com/mapbox/www.mapbox.com/pull/4090/files

What is chaos la... MapBox on insta... Debanding the... Debanding The... Ops sprint in SF... Blog SF complet... [DRAFT] Mapbo...

This repository Search or type a command Explore Gist Blog Help incanus

mapbox / www.mapbox.com Unwatch 52 Star 7 Fork 2

## < [DRAFT] Mapbox GL launch blog #4090

Merged eden merged 49 commits into master from blog-mapbox-gl about 1 month ago

Conversation 3 Commits 49 Files changed 17 +3,012 -40

Showing 17 changed files with 3,012 additions and 40 deletions. Show diff stats

### 2 .travis.yml

```
@@ -15,5 +15,5 @@ script:
15 15 - ./node_modules/.bin/mocha test/test.metadata.js
16 16 - bundle exec jekyll build
17 17 - bundle exec ./jekyll-test.sh over 100000 &
18 - - sleep 60
18 + - sleep 100
19 19 - ./node_modules/.bin/mocha-phantomjs http://localhost:4000/test/index.html
```

### 15 \_includes/blog-footer.html

```
@@ -3,21 +3,22 @@
3 3 <div class='contain clearfix'>
4 4
5 5 <div class='col9 keyline-top'>
6 + {% for i in (1..count) %}
7 + {% capture author %}author-{{i}}{% endcapture %}
6 8 <div class='keyline-bottom blog-author-block clearfix pad2y contain'>
7 - <div class='fl med-graphic dot' style='background-image:url({{site.baseurl}}{{author.image|replace:'.','thumb'}});'>
9 + <div class='fl med-graphic dot' style='background-image:url({{site.baseurl}}{{[author].image|replace:'.','thumb'}});'>
8 10 <p class='prose'>
9 11 <span class='strong'>
10 - {% if author.hidden %}
11 - <a href='https://twitter.com/{{author.twitter}}'>{{author.title}}</a>
12 + {% if [author].hidden %}
```

Setting Up Jabra SPEAK 510 Wireless · Issue #824 · mapbox/office

github.com/mapbox/office/issues/824

Setting Up Jabra SPEAK 510 Wireless · Issue #824 · mapbox/office | heart rate monitor / shipping address · Issue #1033 · mapbox/business

This repository Search or type a command Explore Gist Blog Help incanus

mapbox / office Unwatch 46 Star 1 Fork 0

## Setting Up Jabra SPEAK 510 Wireless #824

**Closed** Lndsay opened this issue on Jan 9 · 9 comments

**Lndsay** commented on Jan 9

Hey @willwhite

@mwanee purchased a [Jabra SPEAK 510 Wireless Bluetooth Speaker for Softphone and Mobile Phone](#) for the BOD meeting.

As a follow-up to our offline convo--can you do the following today?

- Set-up w/ Geomeeting
- Test run to ensure it is fully operational

please check and close when done & let me know if you need anything, **thanks!!**

cc @gundersen @bonniebogle

**Lndsay** commented on Jan 9

Hey @willwhite-- @gundersen already set-up the Jabra & it works great

Can you just do a test run today w/ a friend to make sure it works for geomeeting??

I updated the ticket to reflect this change

Labels: None yet

Milestone: No milestone

Assignee: willwhite

Notifications: Unsubscribe

4 participants

Lock issue





GL sprint scrum @ 9:15 PT · Issue #2402 · mapbox/hey

https://github.com/mapbox/hey/issues/2402

What is ch... MapBox o... Debanding... Debanding... Ops sprint... GL sprint... SF Sprint... Mobile spr... Mapbox...

This repository Search or type a command Explore Gist Blog Help incanus

mapbox / hey Unwatch 57 Star 4 Fork 1

## GL sprint scrum @ 9:15 PT #2402

Open yhahn opened this issue 15 days ago · 0 comments

yhahn commented 15 days ago

GL sprint scrum @ 9:15 PT

Hey GL sprinters!

Let's scrum at 9:15 PT tomorrow and figure out what we want to hit this week and the conversations we need to have over the next few days to set our course for the coming months.

cc @incanus @kkaefer @ansis @mourner @wsnook @mikemorris @nickidlugash @edenh @lbud @jfirebaugh

Labels: None yet

Milestone: No milestone

Assignee: No one assigned

Notifications: Unsubscribe

You're receiving notifications because you were mentioned.

1 participant

Lock issue

Write Preview Parsed as Markdown Edit in fullscreen

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Attach images by dragging & dropping or selecting them.

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Notification Settings

github.com/settings/notifications

Mapbox Notification Settings

incanus

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Applications  
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Private repositories 0 of 0

mapbox

### How you receive notifications

**Participating**  
When you participate in a conversation or someone brings you in with an @mention.

Email  Web

**Watching**  
Updates to any repositories or threads you're watching.

Email  Web

### Notification email

**Primary email address**

incanus@ [redacted] Save

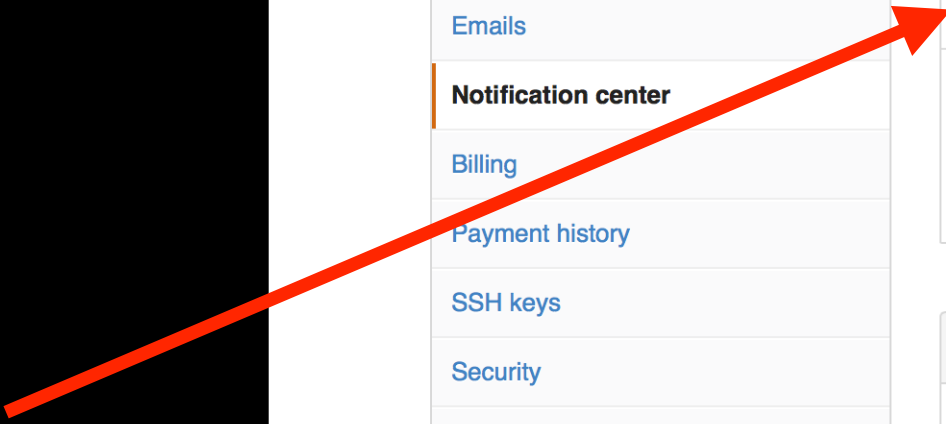
### Custom routing

You can send notifications to different **verified** email addresses depending on the organization that owns the repository.

developmentseed	Edit	incanus@[redacted] (primary)
mapnik	Edit	incanus@[redacted] (primary)
[redacted]	Edit	incanus@[redacted] (primary)
mapbox	Edit	justin@mapbox.com

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<https://gist.github.com>

RMAppleSource.h

https gist.github.com/incanus/7e7ded36cbb897167392

Mapbox Design... RMAp... old an... style.js overla... gist:76... gist:6f... gl-upd... READ... This i... +

GitHub Gist Search... All Gists incanus +

SECRET incanus / RMAppleSource.h Last active 14 days ago Edit Delete Star 1

**RMAppleSource.h** Raw

```
1 #import "RMAbstractWebMapSource.h"
2
3 @interface RMAppleSource : RMAbstractWebMapSource
4
5 @end
```

**RMAppleSource.m** Raw

```
1 #import "RMAppleSource.h"
2
3 @implementation RMAppleSource
4
5 - (id)init
6 {
7     if (!(self = [super init]))
8         return nil;
9
10    self.minZoom = 1;
11    self.maxZoom = 20;
12
13    return self;
14 }
15
16 - (NSURL *)URLForTile:(RMTile)tile
17 {
18     NSLog(@"%@ tried to retrieve tile with zoomLevel %d, outside source's defined range %f to %f",
19           self, tile.zoom, self.minZoom, self.maxZoom);
20
21     return [NSURL URLWithString:[NSString stringWithFormat:@"https://cdn1.apple-mapkit.com/tp/tile?type=tile&"];
22 }
23
24
25 - (NSString *)uniqueTilecacheKey
26 {
27     return @"Apple";
```

**Code**

Revisions 2

Stars 1

Embed URL

`<script src="https://gist.github.com/7e7ded36cbb897167392.js">`

HTTPS clone URL

`https://gist.github.com/7e7ded36cbb897167392`

You can clone with [HTTPS](#) or [SSH](#).

Download Gist



overlap.diff

https gist.github.com/incanus/485f6e63528124c98f2e

Mapbox Design and p... overlap.diff gist:763c7b2... gist:6f840b5... gl-update.md README.md This is how...

GitHub Gist Search... All Gists incanus +

SECRET incanus / overlap.diff Created 28 days ago Edit Delete Star 0

Raw

```
1 diff --git a/bin/style.js b/bin/style.js
2 index e80d767..c330c54 100644
3 --- a/bin/style.js
4 +++ b/bin/style.js
5 @@ -1062,7 +1062,14 @@ module.exports = {
6     "font": "Open Sans Semibold, Arial Unicode MS Bold",
7     "fontSize": 10,
8     "feature_type": "point",
9 -    "type": "text"
10 +    "type": "text",
11 +    },
12 +    "stations": {
13 +      "source": "outdoors",
14 +      "layer": "tm_rail_stops",
15 +      "type": "point",
16 +      "icon": "pin-bus",
17 +      "size": 90,
18   }
19 },
20 "structure": [
21 @@ -1613,6 +1620,10 @@ module.exports = {
22   {
23     "name": "poi_label_4_all",
24     "bucket": "poi_label_4_all"
25 +  },
26 +  {
27 +    "name": "stations",
28 +    "bucket": "stations"
29   }
30 ],
31 "constants": {
32 @@ -2759,7 +2770,7 @@ module.exports = {
33   {"z": 13.25, "val": 1}
34   },
35   "antialias": false
36 - }
37 + },
```

<> Code

Revisions 2

Embed URL

<script src="https://,

HTTPS clone URL

https://gist.github.com,

You can clone with [HTTPS](#) or [SSH](#).

Download Gist

gl-update.md

https gist.github.com/incanus/9374710e176f1c90f321

Mapbox Design and publish beautif... gl-update.md README.md This is how I brew coffee i...

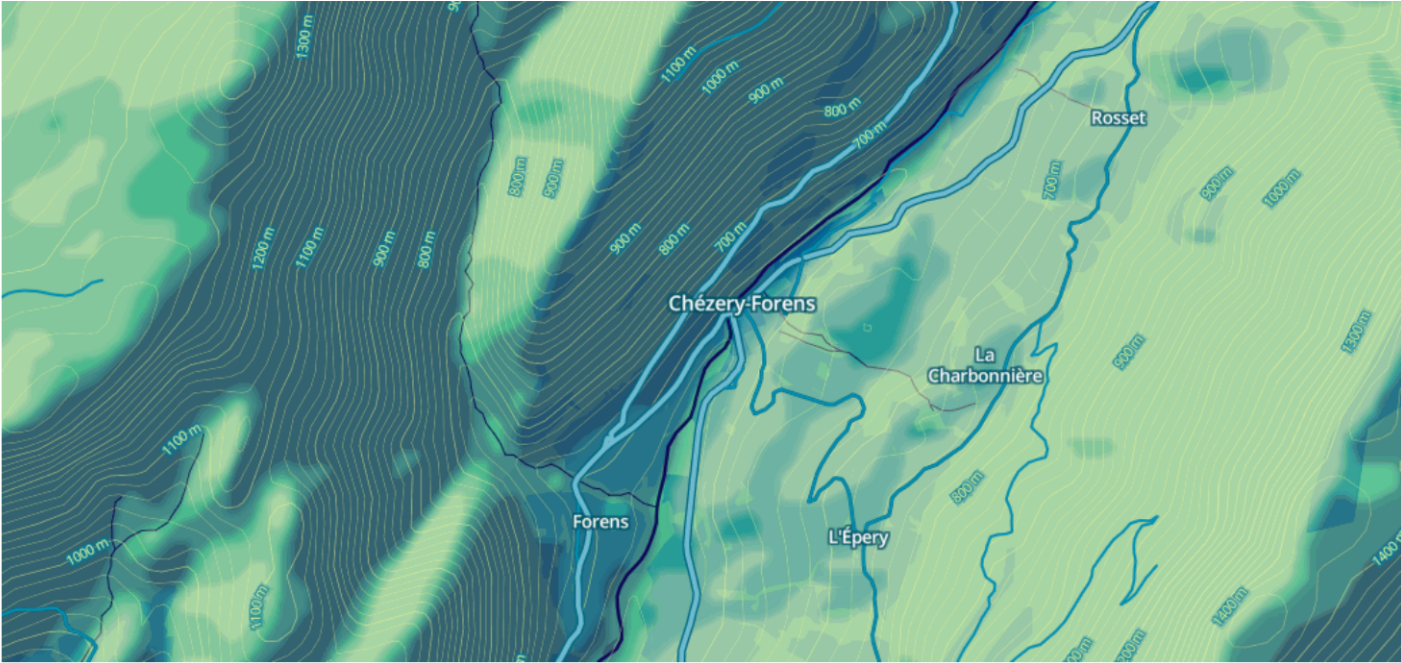
GitHub Gist Search... All Gists incanus +

SECRET incanus / gl-update.md Last active on Jun 17 — forked from heyitsgarrett/gl-update.md Edit Delete Star 0

gl-update.md Raw

Hi there,

It's been a few weeks since we publicly released [Mapbox GL](#) and we wanted to give you a quick behind-the-scenes on what we've pushed since then.



After we saw many of you at the launch event, we spent the next day [open sourcing the code](#) so that you can immediately get a feel for where we're going.

We've since published some posts on the technical implementations that went into making Mapbox GL work:

<> Code

Revisions 8

Embed URL

<script src="https://,

HTTPS clone URL

https://gist.github.com,



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This is how I brew coffee in an AeroPress.

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GitHub Gist  All Gists incanus +  

PUBLIC  incanus / **aeropress.md**  Edit Delete Star 0  
Last active on May 31

This is how I brew coffee in an AeroPress.

 **aeropress.md** Raw

- For one regular mug / two shots, use one cup of water (bottom line) and two scoops of beans.
- For my Peregrine mug / three shots, use 1.5 cups of water (between the two lines) and three scoops of beans.
- For a Klean Kanteen / four shots, use two cups of water (top line) and four scoops of beans.

Make sure all the equipment is dry, or else keep the grounds in the grinder lid until right before brewing.

Setup a mug or glass with the press and filter. Put the funnel in the top.

Microwave the water on full power.

- 8oz: 2:45
- 12oz: 3:00
- 16oz: 3:15


Once that's started, grind the beans in the electric grinder for 8 seconds (easiest to watch the microwave for timer).


Have the grounds ready to go in the grinder lid or the press (if dry).


Watch the water. I usually stop it when it just starts to bubble and move.

When the water's ready, take the funnel out and slowly pour the water to cover the grounds. It should take 5-10 seconds to pour it. Pour to the top of the circle marker for 2, 3 or 4 shots.


**<> Code**

 Revisions 9


**Embed URL**  
 

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 **Download Gist**

# #4: Lose the Repetition

- “Don’t Post Without a Purpose” 
  - Do you know what you want to accomplish?
  - Will it not get accomplished unless you say something?
- “Collab repos”



intro · Issue #1 · mapbox/pinterest-collab

https://github.com/mapbox/pinterest-collab/issues/1

What is chao... | MapBox on in... | Debanding t... | Debanding T... | Ops sprint in... | intro · Issue... | Blog SF comp... | [DRAFT] Ma... | + |

This repository | Search or type a command | Explore | Gist | Blog | Help | incanus | + |

mapbox / **pinterest-collab** | Unwatch 20 | Star 0 | Fork 0

### intro #1

**Open** incanus opened this issue on Jan 29 · 3 comments

**Labels** None yet

**Milestone** No milestone

**Assignee** No one assigned

**Notifications** Unsubscribe  
You're receiving notifications because you authored the thread.

**2 participants**

Lock issue

**incanus** commented on Jan 29

@jparise -- we use GitHub for pretty much everything we do internally, frequently in this sort of issue-only repository. Feel free to keep things out of email and in here for better accountability. If you need anything at all, don't hesitate to ask. It also makes talking about code a lot easier.

/cc @mapbox/pinterest-collab

**incanus** commented on Jan 30

Just added @ngavini, @steveram, and @connor.

**jparise** commented on Feb 11

Could you also add @srochiramani? He's leading our Android effort.

**incanus** commented on Feb 11

Just added @srochiramani!

# #5: R&D at the Fringe

- *“We don't have dedicated R&D — it's integrated with the people who can push to master.” - CEO*
- Repos & branches are cheap
- Keeps ideas concrete, not abstract
- Remove ***all*** rough edges
- Know when to punt



mapbox/MBDesignView

https://github.com/mapbox/MBDesignView

Mapbox | Design and publish beautif... | mapbox/tilemill | incanus/eyebrowse | mapbox/MBDesignView

This repository | Search or type a command | Explore | Gist | Blog | Help | incanus

mapbox / MBDesignView | Unwatch 51 | Star 2 | Fork 0

MBDesignView — Edit

33 commits | 1 branch | 2 releases | 1 contributor

branch: master | MBDesignView / +

bump version

incanus authored on Mar 14 | latest commit 7bacf02076

|                                 |                                     |              |
|---------------------------------|-------------------------------------|--------------|
| MBCocoaPodsTemplate.xcodeproj   | added release signing               | 7 months ago |
| MBCocoaPodsTemplate.xcworkspace | initial import                      | 8 months ago |
| MBCocoaPodsTemplate             | bump version                        | 4 months ago |
| Podfile                         | customizable title & color for maps | 7 months ago |
| README.md                       | setup clarification                 | 7 months ago |
| screenshot.png                  | added README & screenshot           | 7 months ago |

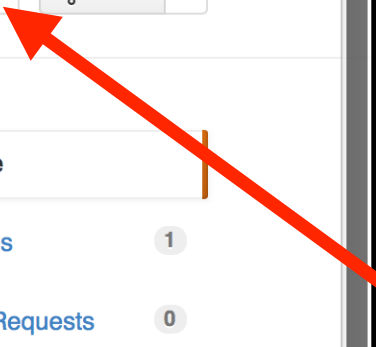
README.md

# MB Design

Enter a [MapBox map ID](#) or connect to a [TileMill](#) or [TM2](#) instance running on the same network as your iPhone and preview your map live, as you edit it, in a native iOS interface.

Code | Issues 1 | Pull Requests 0 | Wiki | Pulse | Graphs | Network | Settings

SSH clone URL: git@github.com:mapbo: | Clone in Desktop | Download ZIP



mapbox/tilemill

https://github.com/mapbox/tilemill

Mapbox | Design and publish beautiful maps

mapbox/tilemill

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mapbox / tilemill

Unwatch 138 Star 1,832 Fork 287

A modern map design studio. <http://tilemill.com> — Edit

5,460 commits 29 branches 32 releases 48 contributors

branch: master tilemill / +

add appveyor config

springmeyer authored 24 days ago latest commit e797efc3ee

|             |   |               |
|-------------|---|---------------|
| _posts      | Eliminate syncAPI option.   | 5 months ago  |
| assets      | bundle showdown since node-markdown is deprecated                         | 5 months ago  |
| commands    | fix link to upload  | 3 months ago  |
| controllers | Non-blocking update checking on client startup                            | 2 years ago   |
| data        | Selectively copy sample data file to MapBox/cache dir. Refs #1114.        | 3 years ago   |
| examples    | update ancient example comments, fixes #1964                              | 11 months ago |
| lib         | Eliminate syncAPI option.   | 5 months ago  |
| models      | handle multilayer OGR files with spaces in their names                    | 24 days ago   |
| platforms   | fix #2354   | a month ago   |
| plugins     | Add semicolon   | 2 years ago   |
| servers     | bundle showdown since node-markdown is deprecated                         | 5 months ago  |
| templates   | Merge pull request #1908 from stevage/subquery-text                       | 3 months ago  |
| test        | stderr from postgres appears valid on linux                               | 4 months ago  |
| views       | fix format dropdown/custom input behavior - accidentally switched in 9... | 5 months ago  |

Code

Issues 477

Pull Requests 4

Pulse

Graphs

Network

Settings

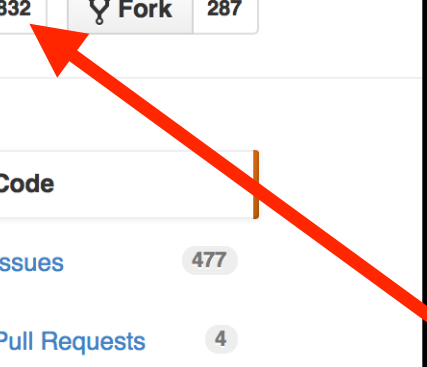
SSH clone URL

git@github.com:mapbo:

You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

Clone in Desktop

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# Project Lifecycle

- Get an idea
- Search & see what other relevant bits are already in the works
- Hack up a prototype
- Post a “devlog” about it
- Iterate with teammates

# #6: Assembly Required

- Self-assemble based on interests & availability
- Justify your use of time to your team
- Excite your coworkers



# Commander's Intent

- Defines end goal of the task or project
- Leaves it up to the team how to get there
- D-Day: scattered individuals with common goals

GL iOS developer preview for WWDC · Issue #1587 · mapbox/business

https://github.com/mapbox/business/issues/1587

This repository Search or type a command Explore Gist Blog Help incanus

mapbox / business Unwatch 52 Star 12 Fork 0

## GL iOS developer preview for WWDC #1587

Open incanus opened this issue on Apr 23 · 13 comments

incanus commented on Apr 23

Making a more concrete version of #1550 including hitting:

It would be helpful if you described what the minimum viable developer preview you'd like to share looks like.

**CI:** A party/launch event during Apple's WWDC week June 2-6, with a live demo and a download link for iOS devs to start experimenting with our vector technology. Users will not be able to deploy apps on this technology, but can start helping shape its outcome and contribute to its development.

This is what I see as our MVP for this release:

- A reliable vector tile endpoint, even if it will be deprecated in future and/or isn't tied to billing right now. We can be clear about its transience in the preview notes.
- Some snapshot version of `llmr-native` open sourced on GitHub. It will be included in the Cocoa preview as a static library, though, for ease of building.
- A default style which approaches or matches Mapbox Streets for use as a general baselayer. ([mapbox/mapbox-gl-native#159](#))
- The ability to at least toggle a satellite raster view mode. I would prefer also being able to input any map ID of raster tiles hosted on Mapbox, at least on iPhone since [fullscreen iPad isn't yet performant](#) but said performance should not hold things up. The reason for raster support is *some sort* of tying together our current production stack so that our vector tech is not seen as an island which will

Labels: None yet

Milestone: No milestone

Assignee: incanus

Notifications: Unsubscribe

You're receiving notifications because you were mentioned.

4 participants

Lock issue



# #7: Use the Comms

- Blog like mad
- “Devlogs” → blog posts
- Use appropriate social media

We Blog a *Lot*



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# Blog archive

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## June 2014

























-  [Importing data into the Mapbox editor now ...](#)  
Jun 30 by Tristen Brown
-  [Tracking Orders Live with Instacart](#)  
Jun 28 by Lindsay Young
-  [30 Million Open Addresses Mapped](#)  
Jun 23 by Aaron Lidman
-  [New York City taxi trips](#)  
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Jun 23 by Garrett Miller
-  [1.5 Million Walks, Runs, and Bike Rides](#)  
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Jun 18 by Jeff Hurlock
-  [First #MaptimeDC at Mapbox tonight](#)  
Jun 17 by Katie Wandtke
-  [Drawing Text with Signed Distance Fields in ...](#)  
Jun 16 by Konstantin Käfer
-  [Map Label Placement in Mapbox GL](#)  
Jun 12 by Ansis Brammanis
-  [Drawing Antialiased Lines with OpenGL](#)  
Jun 10 by Konstantin Käfer
-  [Amy Lee Walton Joins Mapbox](#)  
Jun 05 by Nicki Dlugash
-  [Introducing Mapbox GL](#)  
Jun 04 by Eden Halperin
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Jun 23 by Eric Fischer
-  [140,000 Roads and Counting: Continuously ...](#)  
Jun 20 by Ruben Lopez Mendoza
-  [Video in Mapbox GL](#)  
Jun 19 by Eden Halperin
-  [Lauren Budorick joins Mapbox](#)  
Jun 17 by John Firebaugh
-  [Patrick Niklaus Joins Mapbox](#)  
Jun 16 by Dennis Luxen
-  [Adding San Francisco Buildings on OpenStr...](#)  
Jun 13 by Ruben Lopez Mendoza
-  [40 cm satellite imagery starts today](#)  
Jun 11 by Charlie Loyd
-  [Simple Editing for Turn Restrictions in Open...](#)  
Jun 06 by John Firebaugh
-  [World Cup Stadiums from Space](#)  
Jun 05 by Bruno Sánchez-Andrade Nuño
-  [Shrinking Lake Titicaca; via satellite](#)  
Jun 04 by Camilla Mahon
-  [Turning diagrams from GPS](#)  
Jun 03 by Eric Fischer



```
$ for month in `ls 2014-* | \
    awk -F '-' '{ print $2 }' | \
    uniq`; \
do \
    echo -n "$month: "; \
    ls 2014-$month-* | \
    wc -l; \
done
```

```
01:      28
02:      16
03:      24
04:      26
05:      13
06:      24
07:      10
```

```
$ for year in `ls * | \
    awk -F '-' '{ print $1 }' | \
    uniq` ; \
do \
    echo -n "$year: "; \
    ls $year-* | \
    wc -l; \
done
```

```
2011:      59  
2012:     156  
2013:     258  
2014:     141
```



Devlog: Debanding The World · Issue #2056 · mapbox/hey

https://github.com/mapbox/hey/issues/2056

Mapbox Devlog: Debanding The World · Issue #2056 · mapbox/hey

This repository Search or type a command Explore Gist Blog Help incanus

mapbox / hey Unwatch 57 Star 4 Fork 1

## Devlog: Debanding The World #2056


Open kapadia opened this issue on May 2 · 15 comments

kapadia commented on May 2

# Debanding the World

### TL;DR

Using a bit of mathematics, we can improve the quality of satellite imagery.



Labels: devlog

Milestone: No milestone

Assignee: No one assigned

Notifications: Unsubscribe

You're receiving notifications because you're on a team that was mentioned.

15 participants

Lock issue


Debanding the world | Mapbox

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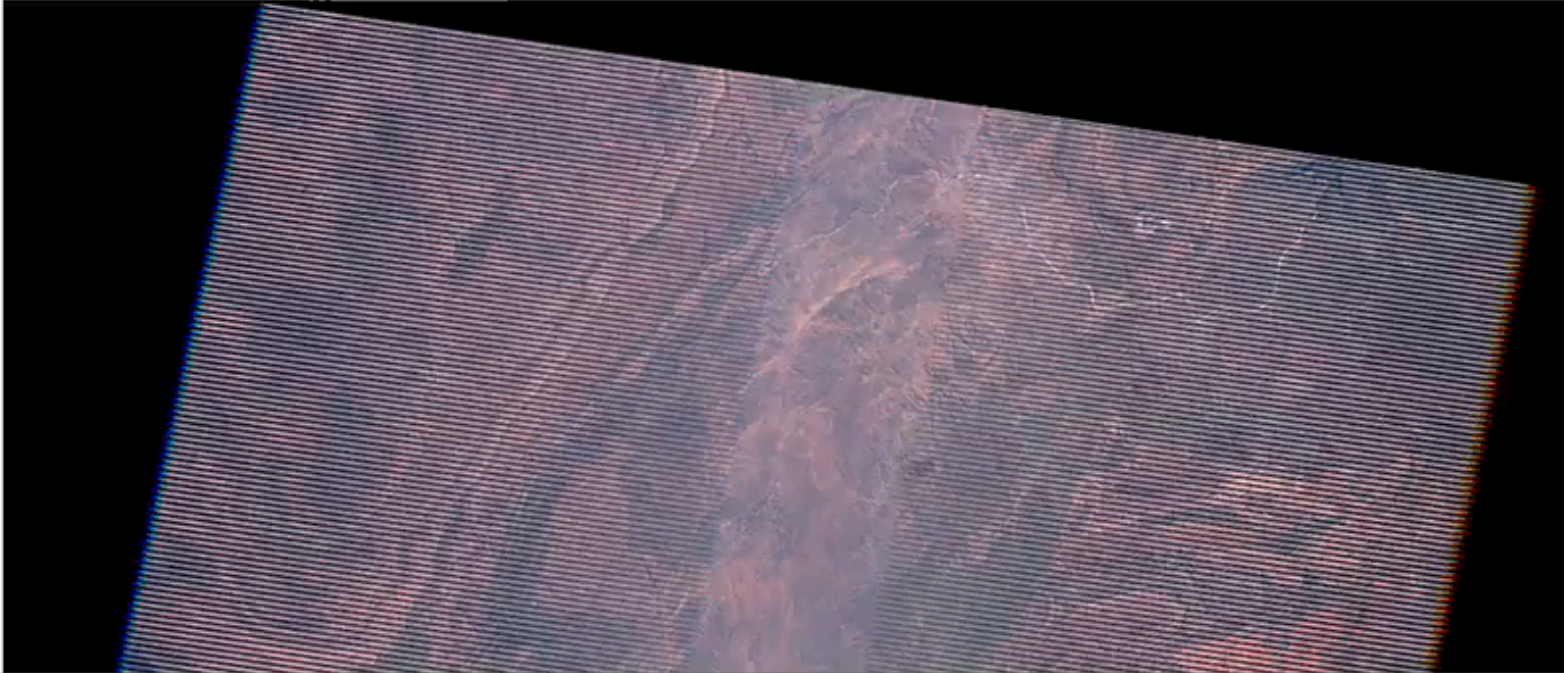
Blog

## Debanding the world

May 29 2014 by  Amit Kapadia

In 2003 [machinery on Landsat 7 broke](#). This malfunction now causes stark black diagonals across all images. Despite the malfunction, NASA kept the satellite in operation; it's still collecting imagery, but at 80% of its intended throughput.

This imagery is incredibly valuable. It is the primary source used by the Satellite team for the next release of our [Cloudless Atlas](#). Part of our job is to remove artifacts stemming from this Landsat 7 hardware malfunction.






mapbox on Instagram

instagram.com/mapbox

Instagram

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mapbox Creating beautiful custom maps with open source tools. <http://www.mapbox.com>

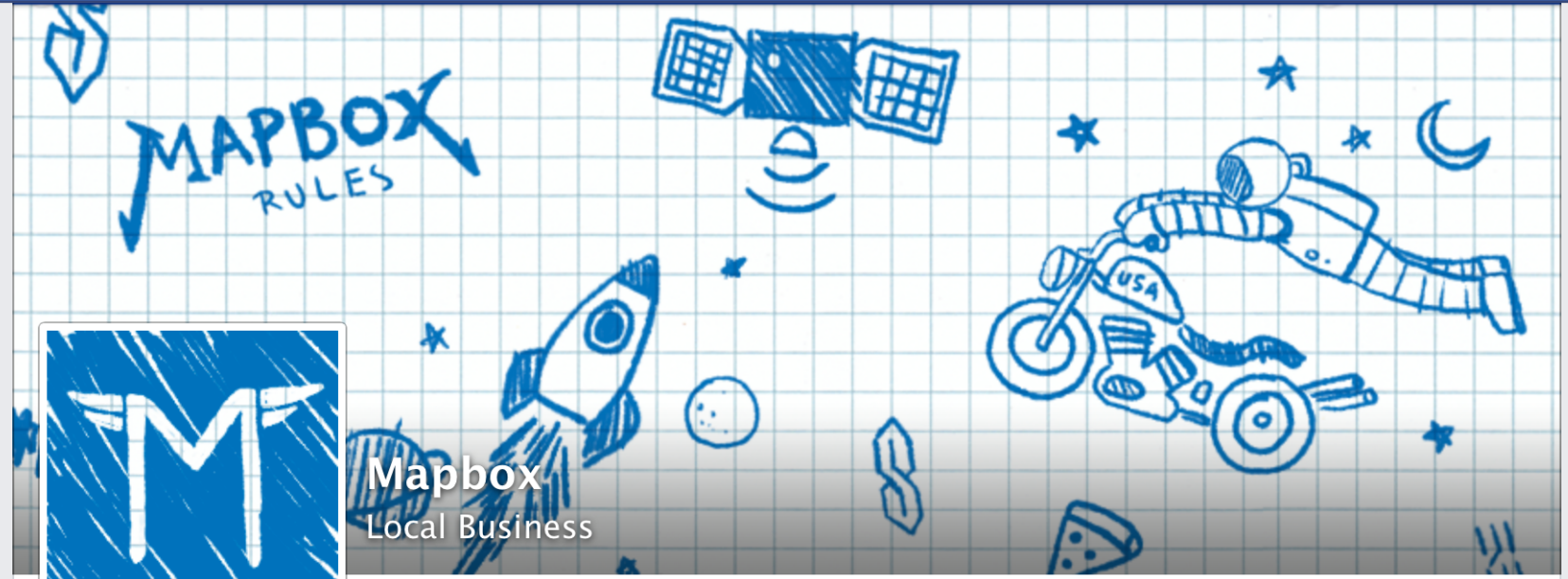
138 posts   821 followers   892 following

July 2014

This image shows a screenshot of the Instagram profile for 'mapbox'. The browser address bar shows 'instagram.com/mapbox'. The Instagram header includes a home icon, the 'Instagram' logo, and a 'Log in' button. The main content area features a grid of six images: a colorful abstract map, a map of Washington DC with colorful street lines, a colorful grid pattern, a black and white fractal-like image, a large, bright, textured cloud or smoke plume, and a topographic map with green and brown terrain. Below the grid is the profile information for 'mapbox', including the Mapbox logo, the name 'mapbox', the bio 'Creating beautiful custom maps with open source tools. http://www.mapbox.com', and statistics: 138 posts, 821 followers, and 892 following. A 'Follow' button is also present. Below the profile information is a section for 'July 2014' with a row of five small images: a man holding a long strip of material, a top-down view of a swirling vortex, a green landscape with a winding river, a dark landscape with a winding river, and a close-up of dark, textured material.



# facebook



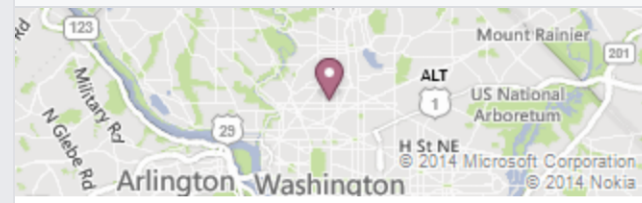
**Mapbox**  
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PEOPLE >

★★★★★  
**1,335** likes  
25 visits


ABOUT >



1714 14th St NW  
Washington, District of Columbia

 **Mapbox**  
20 hours ago

We're at Swift bar tonight in NYC! Drinks at 6pm w/ @ericg @Lndsayyoung & @ian\_villeda <http://t.co/tDsrxjkBi0>  
<http://t.co/GMd4PQNw5D>

 **Mapbox (@Mapbox) posted a photo on Twitter**  
pic.twitter.com  
Get the whole picture - and other photos from Mapbox

Like · Comment · @Mapbox on Twitter · Share

Create Page

- Recent
- 2014
  - 2013



# 7 Concepts Review

- Public By Default
- Decisions Make Leaders
- Live in Your Tools
- Lose the Repetition
- R&D at the Fringe
- Assembly Required
- Use the Comms

# Thank You

- @incanus77 & @Mapbox
- [justin@mapbox.com](mailto:justin@mapbox.com)
- <http://mapbox.com/blog>
- *Producing Open Source Software*
  - Copyright © 2005-2013 Karl Fogel
  - <http://producingoss.com>

