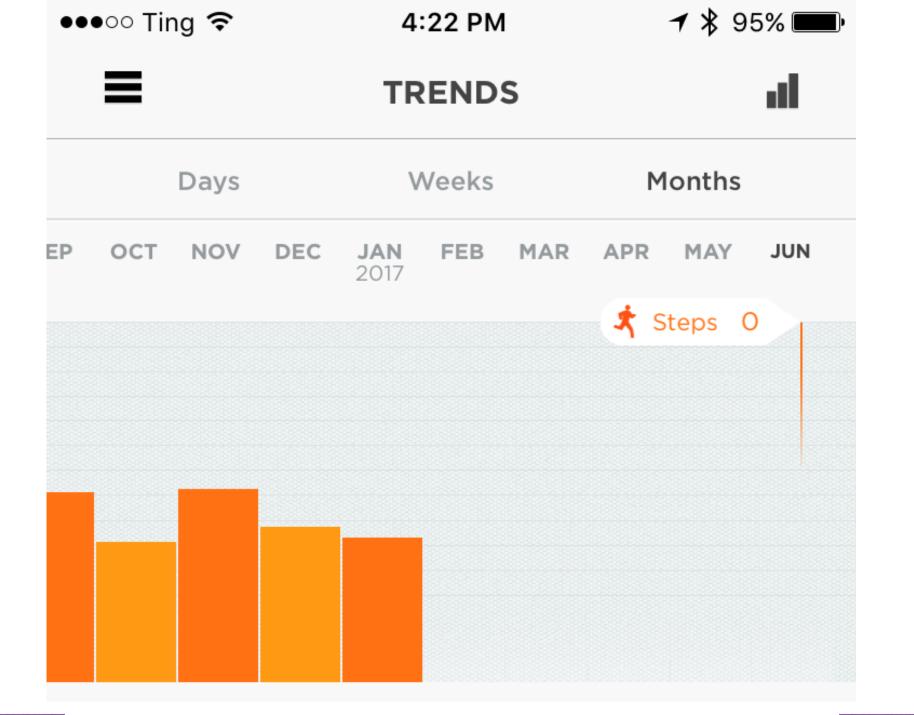
Owning My Quantified Self Data

Aaron Parecki

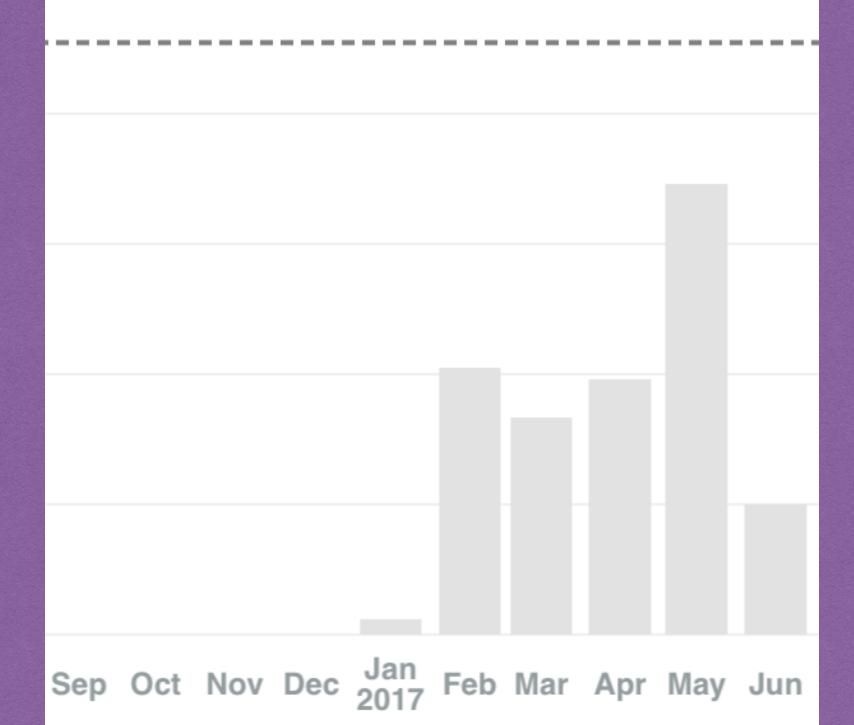
aaronpk.com

@aaronpk





JAWBONE UP







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- Courses
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- P Contributing
- ☑ Twitter
- © 2011 2017. All rights reserved.

Built with blogdown and Hugo. Theme Blackburn.

Fitbit, why can't I have my data?

- ♣ Jeff Leek ## 2013/01/02
- Fitbit / open data / quantified self

I have a Fitbit. I got it because I wanted to collect some data about myself and I liked the simplicity of the set-up. I also asked around and Fitbit seemed like the most "open" platform for collecting one's own data. You have to pay \$50 for a premium account, but after that, they allow you to download your data.

Or do they?

I looked into the details, asked a buddy or two, and found out that you actually can't get the really interesting minute-by-minute data even with a premium account. You only get the daily summarized totals for steps/calories/stairs climbed. While this data is of some value, the minute-by-minute data are on so much more interesting. I'd like to use it for personal interest, for teaching, for research, and for sharing interesting new ideas back to other Fitbit developers.

Since I'm not easily dissuaded, I tried another route. I created an application that accessed the Fitbit API. After fiddling around a bit with a few R packages, I was able to download my daily totals. But again, no minute-by-minute data. I looked into it and only [I have a Fitbit. I got it because I wanted to collect some data about myself and I liked the simplicity of the set-up. I also asked around and Fitbit seemed like the most "open" platform for collecting one's own data. You have to pay \$50 for a premium account, but after that, they allow you to download your data.



Bodymedia closing!

Quantified Self Apps & Tools



zane5546 Zane Dec '15

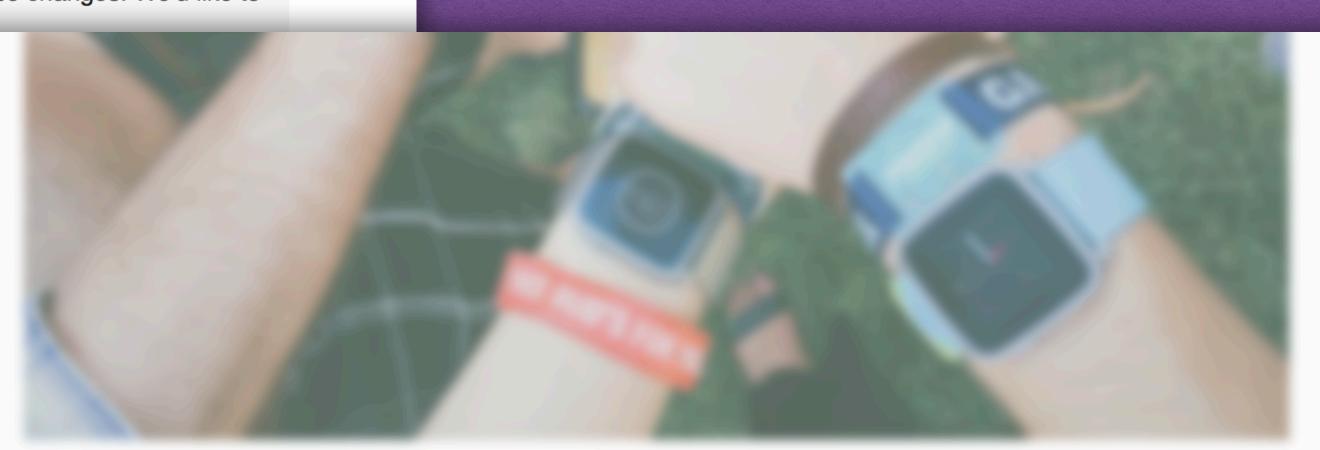
I woke up this morning and saw this message went I went to sync my bodymedia device:

On Jan 31, 2016 support for BodyMedia FIT mobile and web applications will officially come to an end. This page is designed to help BodyMedia customers understand the impact of those changes. We'd like to thank our customers for their loyalty throughout the years.

BodyMedia FIT service is going away beginning at 11:59 pm ET Jar longer be able to access BodyMedia FIT on mobile or web, and a fe BodyMedia FIT armband will stop working.

While I can't say it's totally unexpected as bodymedia has not sold sen disappointed. Because the bodymedia used four different sensors, I all fitness trackers that just relied on accelerometers. Plus, I used the web and it provided an easy way to look at my intake vs. output. I'm really be

Anyone have any thoughts as to what would be the next best alternational maybe the Apple Watch or Basis Peak since they also track HR instead



Pebble functionality and service may be reduced in the future.





MICROPUS ROCKS!

https://micropub.rocks



Ousseldorf, Nordrhein-Westfalen

0 10 Coins

Sun, May 14, 2017 7:18pm +02:00 🔏



at sipgate GmbH

Dusseldorf, North Rhine-Westphalia, Germany • Sun, May 14, 2017 9:17am

#indiewebcamp day 2!

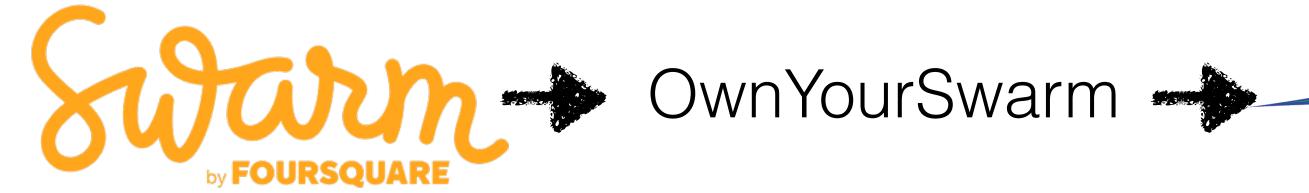


♥ Düsseldorf, Nordrhein-Westfalen

0 10 Coins

Sun, May 14, 2017 9:17am +02:00 🔏

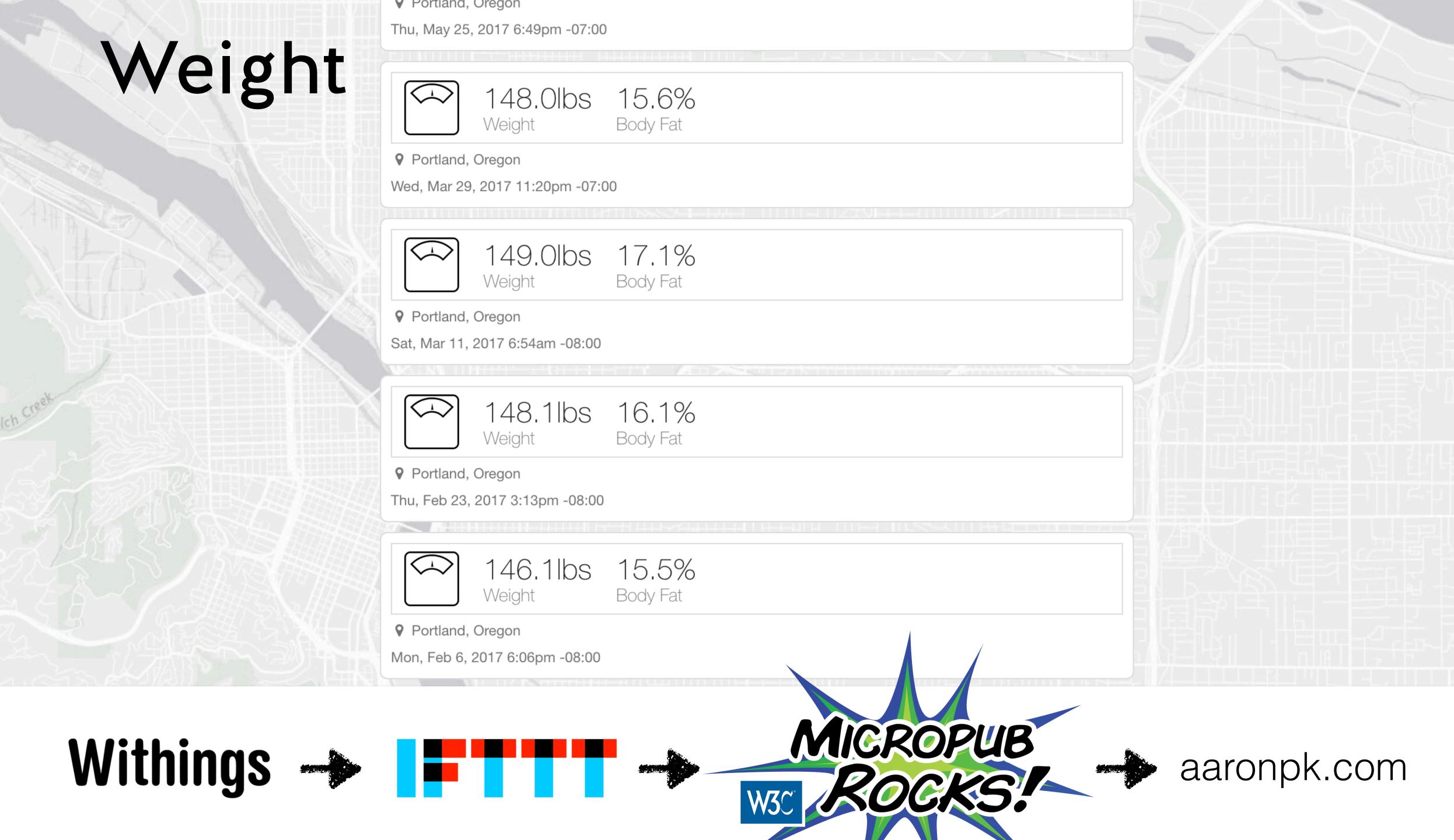
#indiewebcamp

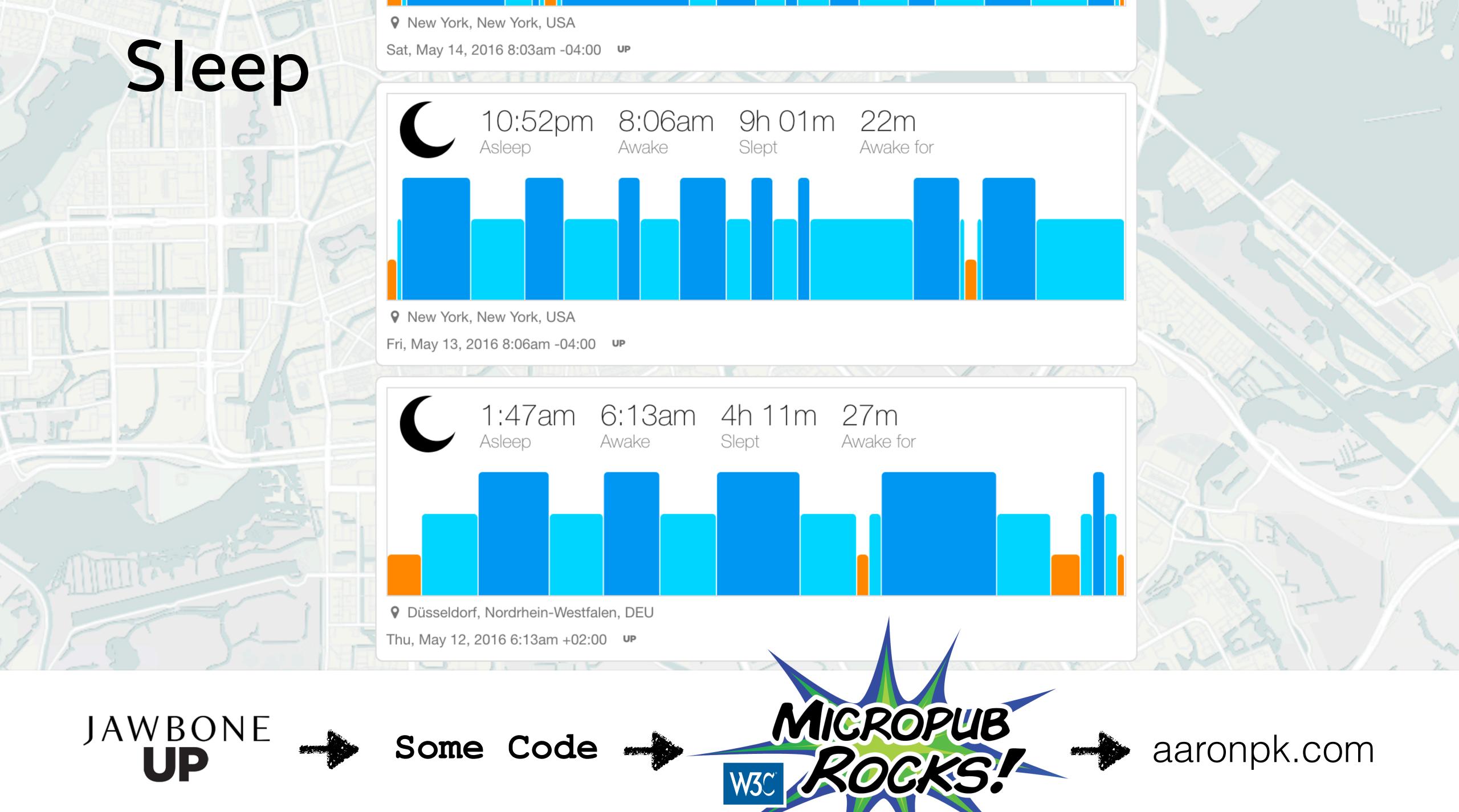


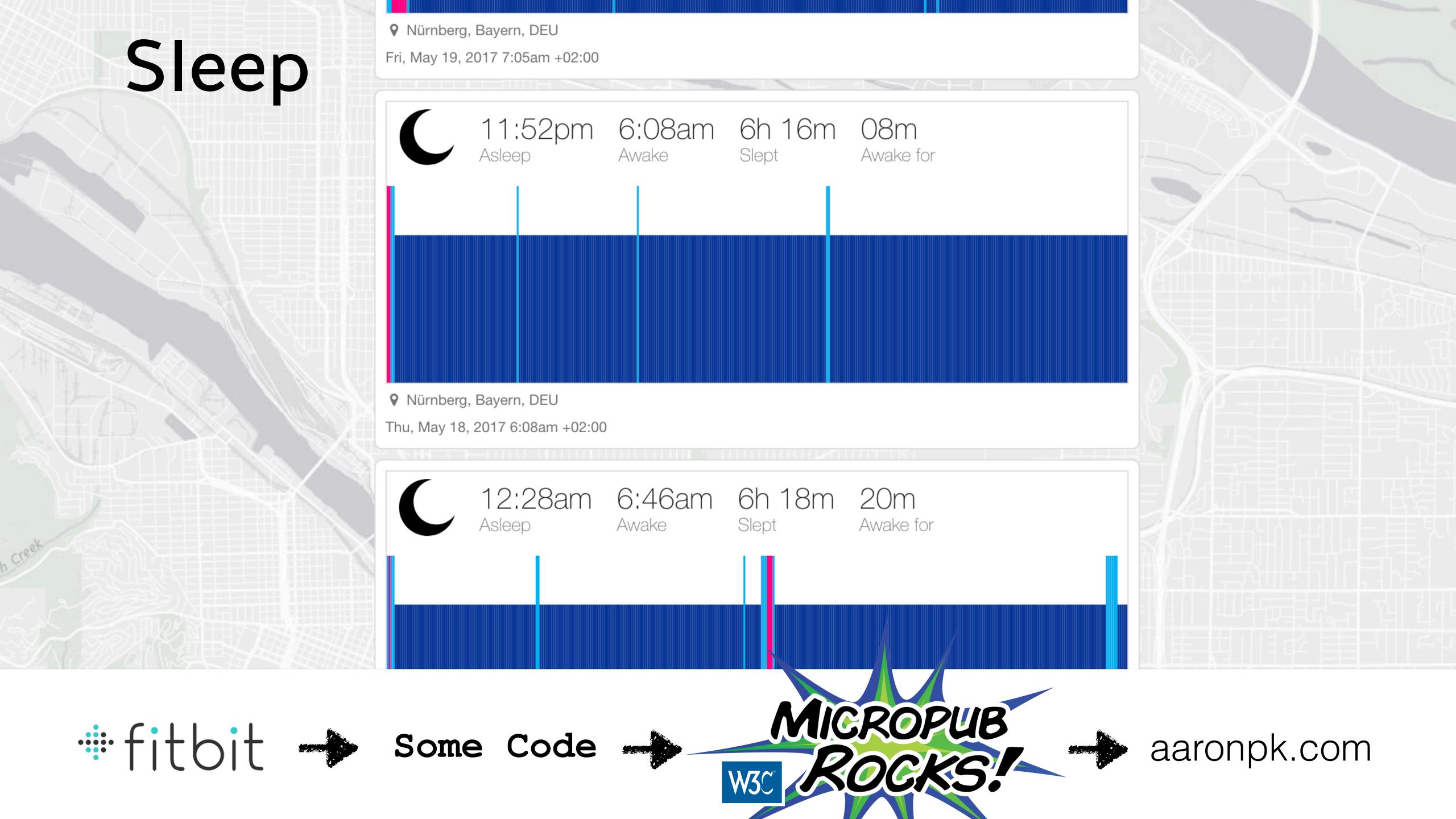


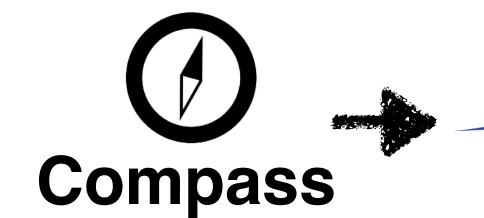








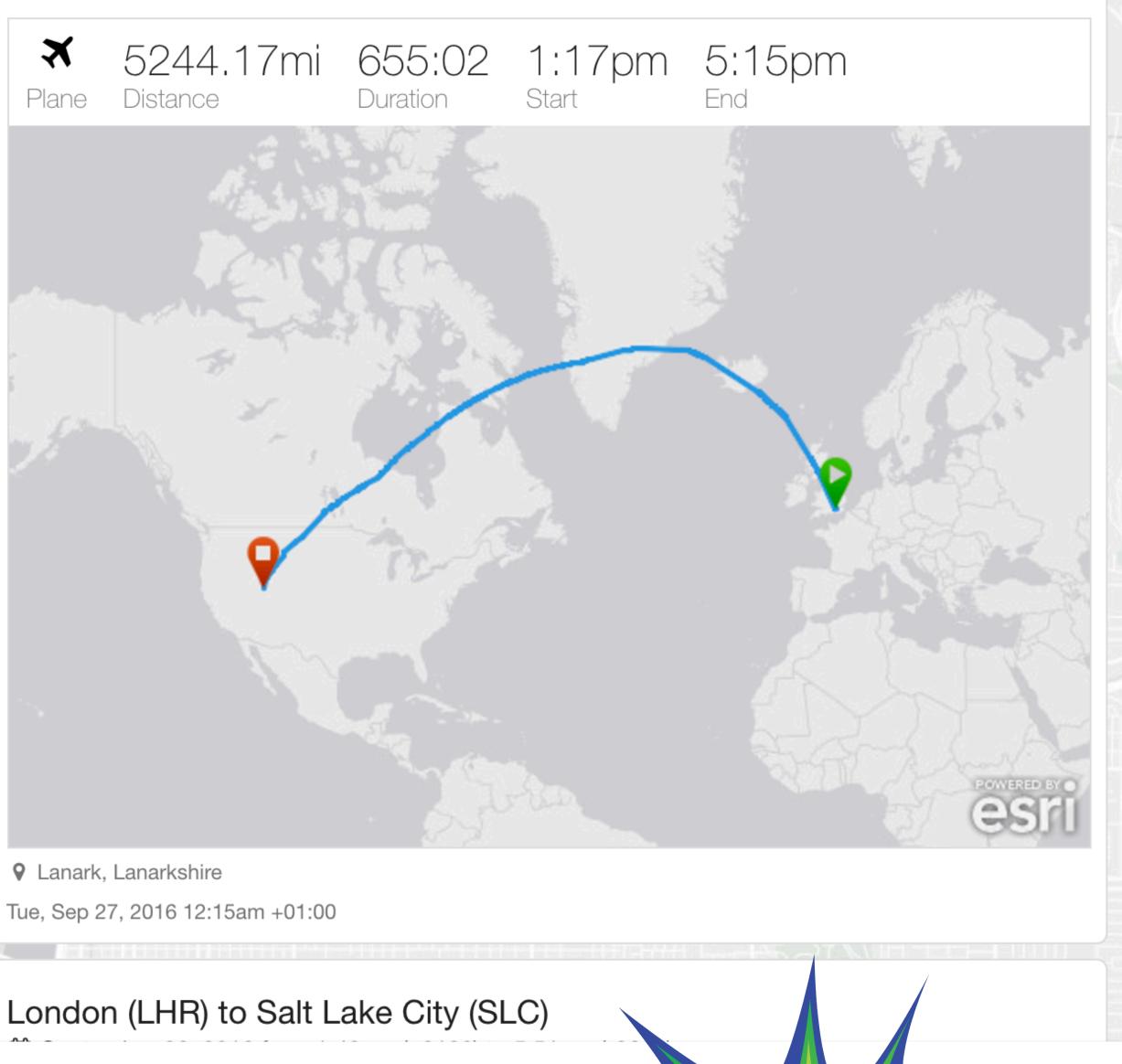
















Some Code





HILL

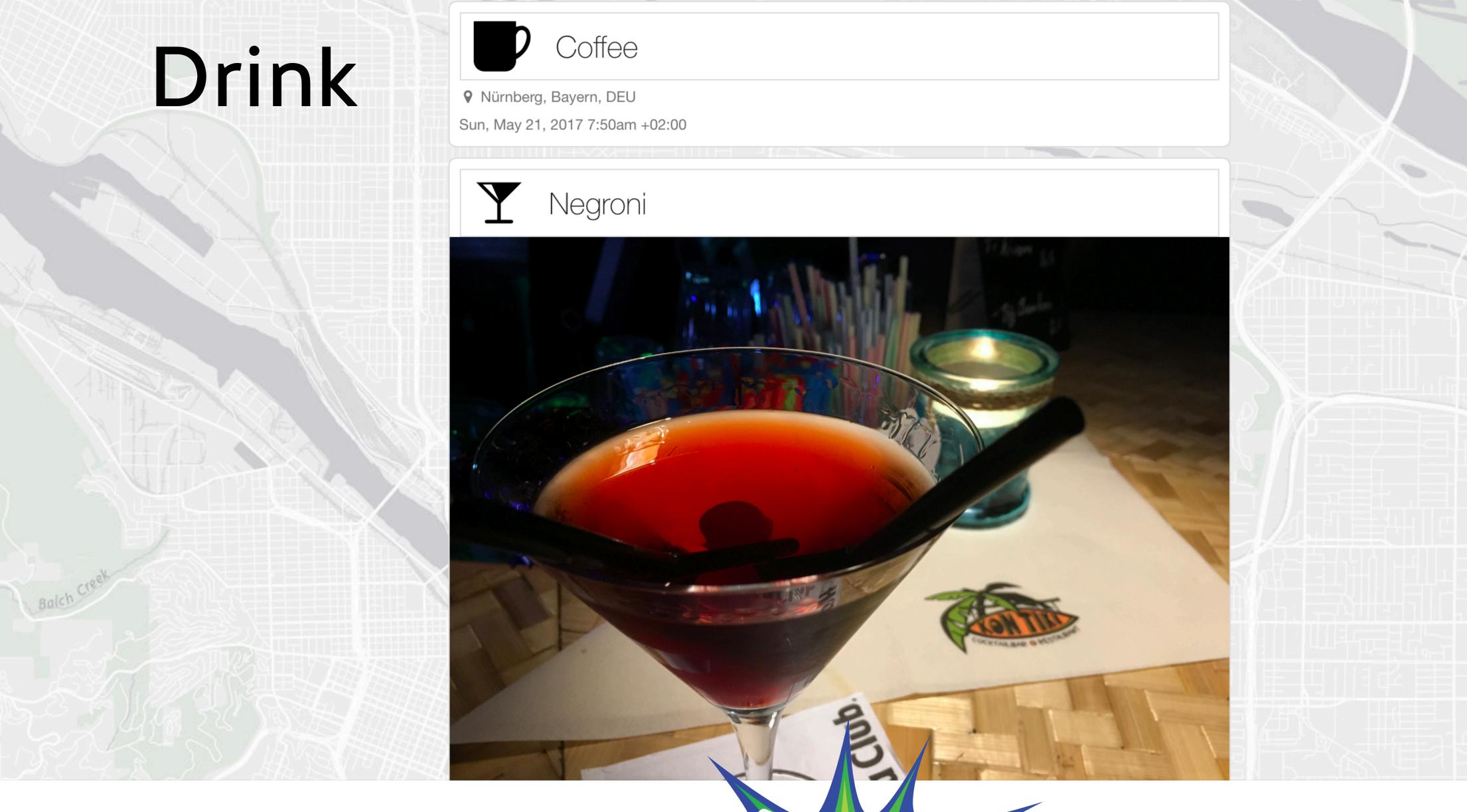


















Tweets

PDX X Reykjavik X Amsterdam!

Portland, Oregon, USA

Thu, Jun 15, 2017 4:30pm -07:00

#travel

Last Homebrew Website Club before IndieWeb Summit! indieweb.org/events/2017-06-07-homebrew-website-club Come enjoy pizza and drinks and talk about the #indieweb! ¶ № 🧩

Portland, Oregon

☆ 1 like

Wed, Jun 7, 2017 10:16am -07:00

#indieweb #hwcpdx

Just posted all of yesterday's #dotnetfringe videos! **\$\square \$\square \$\square\$** www.youtube.com/playlist?list=PLwZVRWVJepJtK6UZD-m2VLU2k2V-O5OrG

Portland, Oregon

☆ 4 likes
♣ 2 reposts

Tue, Jun 6, 2017 8:33am -07:00

#dotnetfringe

Last night I went to bed when it was still light out and woke up when it was already light out.

Portland, Oregon, USA

Mon, Jun 5, 2017 9:05 n -07:00













#qs #qs17

Do I know anyone who has an extra battery-powered FM radio? We need a couple for a project, and I don't seem to have any anymore.



Portland, Oregon Tue, Jun 6, 2017 6:33pm -07:00

#dotnetfringe #backpedaltv

Love these last minute hand drawn slides for this lightning talk #lowtech #dotnetfringe



Portland, Oregon

Tue, Jun 6, 2017 3:21pm -0:00

#lowtech #dotnetfringe #backpedaltv





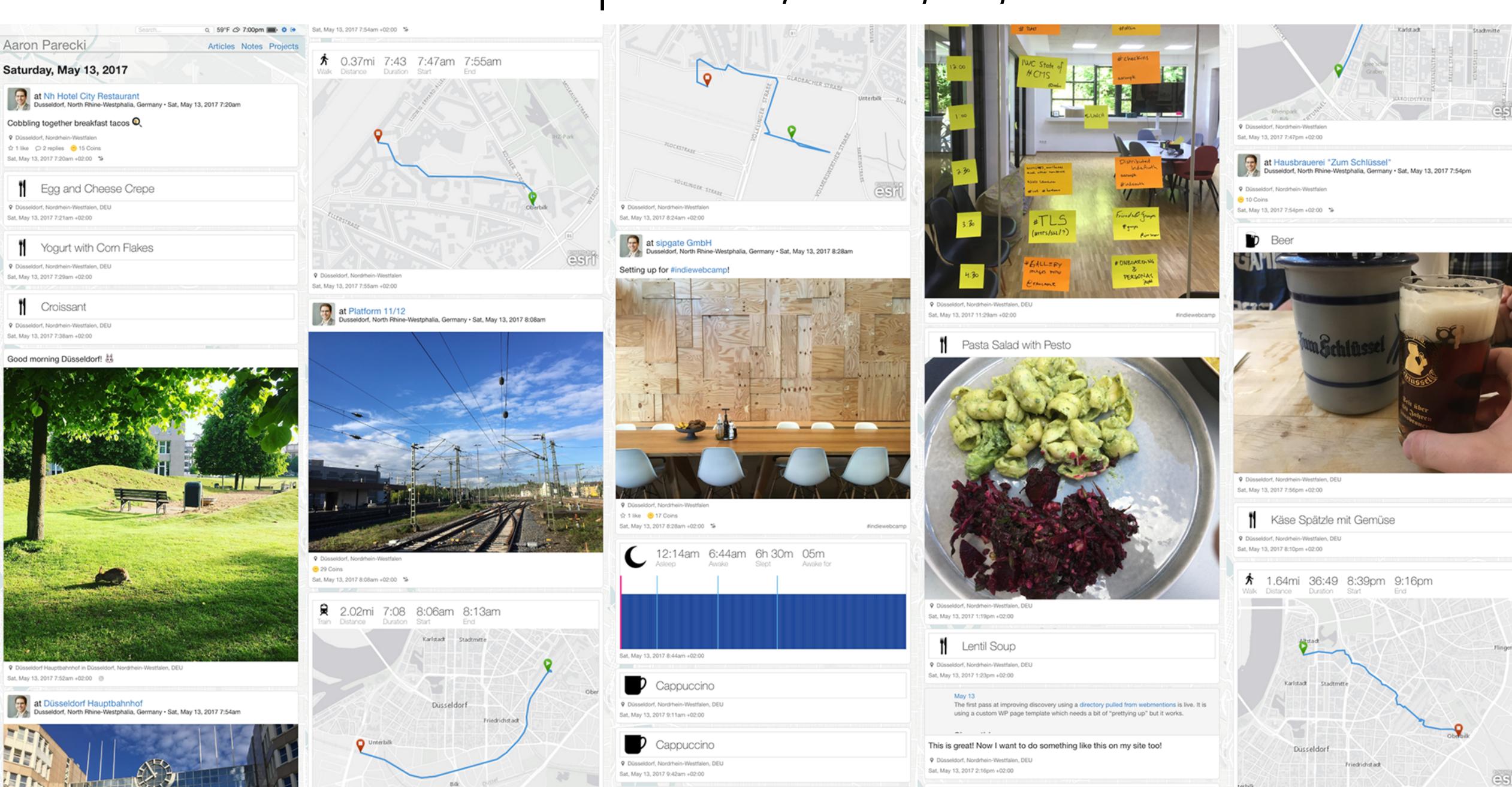
OwnYourGram







aaronpk.com/2017/05/13



aaronpk.com/2014/10 Aaron Parecki October 2014 September November Monday Wednesday Friday Saturday Sunday Tuesday Thursday 2 C H H D A 30 11444 5 CD 1 D 1 GOVERNMENT ISLAND ! ! # Y # Y Portland, Oregon Portland, Oregon Portland, Oregon Portland, Oregon Portland, Oregon 6 CC 11 11 D 7 C 11 D 4 11 12 C H D/ メリニチチョ 14/144 4/04 14 444/4/ YY Cambridge, Cambridge, Cambridge, Massachusetts Portland, Oregon Portland, Oregon Portland, Oregon Portland, Oregon Massachusetts Massachusetts 18 **()** 19 CD 11 4 13 () • **14** (ペ) | 15 C ¶ **₽** ≈ 16 CADD 17 CD 11 R YOOI/ **★ || ■ || • •** Cambridge, Portland, Oregon Massachusetts Portland, Oregon Nürnberg, Germany Nürnberg, Germany Nürnberg, Germany 22 C # DD 25 C 11 DD **20** Cooo 21 C | | | | **23 (⋒**₽₽ 24 o(| D 26 Y&C 1 ₩**₩** ₩₩ **★□**/**□ |** • 9 11 C 9 C 3 6 7 1 SS YYY YYY \odot / i~ **₱** Nürnberg, Germany Schiphol, NLD Portland, Oregon 27 C 11 D 48 28 C 11 D A 29 C | | | | 31 C 11 PM 30 C ¶ **₽**≅ Ď Fanno Creek

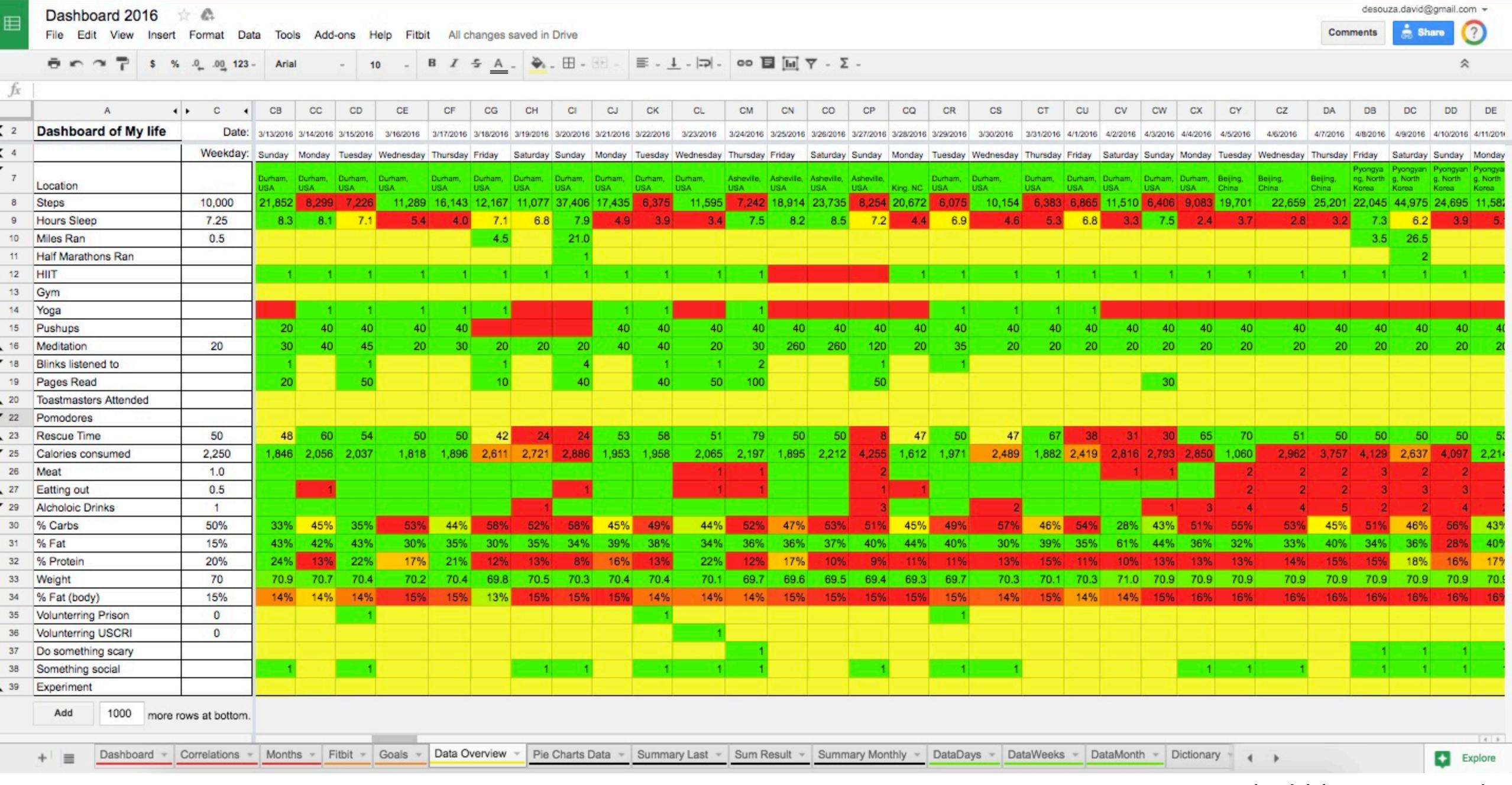
January 2017									Fe	bru	ary	20°	17				April 2017															
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	30	31																														
May 2017								June 2017								July 2017								August 2017								

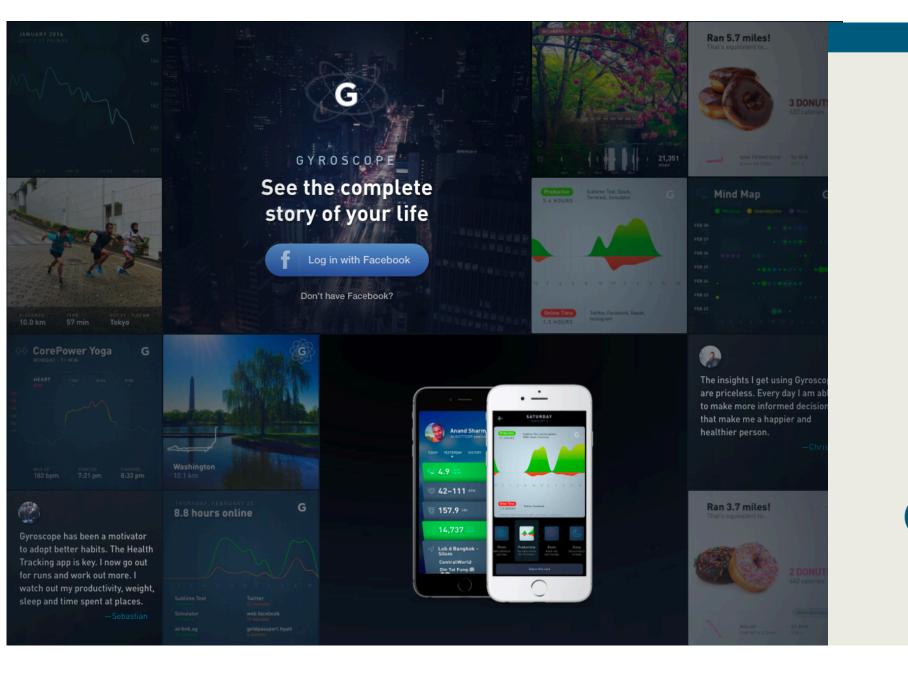
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September 2017								October 2017								November 2017								December 2017							
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							30	31																							

```
28
   # Loop until today
29
     while($date <= $today) {</pre>
      echo $date->format('c') . "\n";
32
      # Fetch the day's sleep data
33
      $data = get_fitbit_sleep($date, $token);
34
      if(isset($data['sleep']) && count($data['sleep'])) {
35
         foreach($data['sleep'] as $sleep) {
36
          # Check if this is already imported
37
           $query = $db->prepare('SELECT * FROM sleeps WHERE fitbit id = ?');
38
           $query->bindValue(1, $sleep['logId']);
39
           $query->execute();
40
           if(!$query->fetch(PDO::FETCH_OBJ)) {
41
            $start = new DateTimeImmutable($sleep['startTime']);
42
             $end = $start->add(new DateInterval('PT'.round($sleep['duration']/1000).'S'));
43
44
             # Find the local time of the sleep
45
            echo "Checking for local time of ".$end->format('Y-m-d H:i:s')."\n";
46
             $local = get_local_time($end->format('Y-m-d H:i:s'));
47
             if($local && isset($local['timezone'])) {
48
              #print_r($local);
49
              $timezone = $local['timezone']['name'];
50
               $offset = $local['timezone']['seconds'];
51
               $latitude = $local['data']['geometry']['coordinates'][1];
52
               $longitude = $local['data']['geometry']['coordinates'][0];
53
               $geo = reverseGeocode($latitude, $longitude);
54
               #print_r($geo);
55
               $tz = new DateTimeZone($local['timezone']['offset']);
56
               # Re-create the start/end times in the local timezone
57
               $start = new DateTime($start->format('Y-m-d H:i:s'), $tz);
58
               $end = new DateTime($end->format('Y-m-d H:i:s'), $tz);
59
             } else {
60
               $timezone = '';
61
               $offset = 0;
62
               $latitude = null;
63
               $longitude = null;
64
               $geo = false;
65
66
67
             echo "Localized start: ".$start->format('c')."\n";
68
             echo "Localized end: ".$end->format('c')."\n";
69
70
             $record = [
71
               'date' => $date->format('Y-m-d'),
72
               'local_time_started' => $start->format('H:i:s'),
73
               'local_time_finished' => $end->format('H:i:s'),
74
               'time_started' => $start->format('U'),
75
               'time_finished' => $end->format('U'),
76
               'raw' => json_encode($sleep),
77
               'timezone' => $timezone,
78
               'tz_offset' => $offset,
79
               'locality' => ($geo ? $geo->locality : ''),
80
               'region' => ($geo ? $geo->region : ''),
81
               'country' => ($geo ? $geo->country : ''),
82
               'latitude' => $latitude,
83
84
                longitude' => $longitude,
               'created_at' => date('Y-m-d H:i:s'),
85
               'fitbit_id' => $sleep['logId'],
86
             ];
87
             insert_sleep_record($record);
88
89
90
91
      $date->add(new DateInterval('P1D'));
92
93 }
94
```

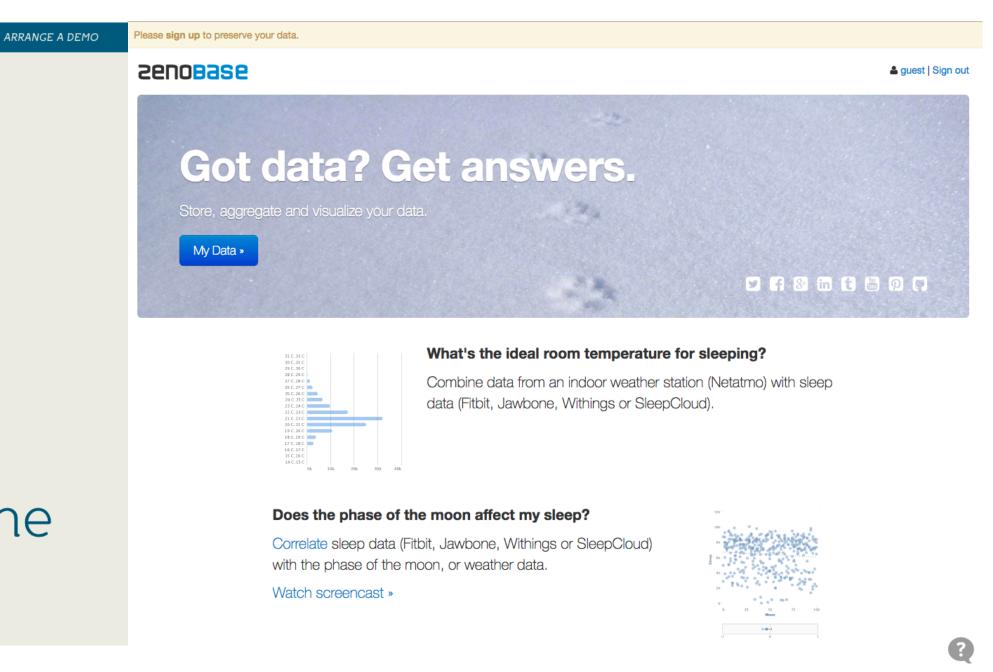
```
$lastDate = $redis->get('runkeeper-last-import-date');
     if(!$lastDate) {
       $lastDate = '2016-01-01';
61
62
63
     $should_continue = true;
64
     $request_url = '/fitnessActivities?page=0&pageSize=50&noEarlierThan='.$lastDate.'&modifiedNoEarli
65
66
     while($should_continue) {
67
       echo "Fetching $request_url\n";
68
       if($activities = rk_request($request_url)) {
69
         if($activities->items) {
70
71
           foreach($activities->items as $item) {
72
             echo "Processing activity: " . $item->uri . "\n";
73
74
             if(preg_match('/fitnessActivities\/(\d+)/', $item->uri, $match)) {
75
               // Check if this item has already been imported
76
               $syndicated_url = $runkeeperBase.$match[1];
77
               echo "Checking for existing post: $syndicated_url\n";
78
               $ch = curl_init($original.'?url='.urlencode($syndicated_url));
79
               curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
80
               curl_setopt($ch, CURLOPT_FOLLOWLOCATION, false);
81
               $response = curl_exec($ch);
82
               $code = curl_getinfo($ch, CURLINFO_HTTP_CODE);
83
               if($code == 301 || $code == 302) {
84
                 echo "Skipping because it's already been imported\n\n";
85
               } else {
86
                 echo "$code Importing activity: " . $item->uri . "\n";
87
                 $date = process_rk_item($item);
 88
                 $redis->set('runkeeper-last-import-date', $date);
89
90
             } else {
91
               echo "Encountered an unknown activity\n\n";
92
93
94
           if(property_exists($activities, 'next') && $activities->next) {
95
             $request_url = $activities->next;
96
             echo "Continuing...\n\n";
97
           } else {
98
             $should_continue = false;
99
             echo "Stopping because no 'next' URL was found for: $request_url\n\n";
100
101
102
         } else {
103
           $should_continue = false;
104
           echo "Stopping because no items found in this request: $request_url\n\n";
106
       } else {
107
         $should_continue = false;
108
         echo "Stopping because request failed: $request_url\n\n";
109
110
111
112
     echo "Done\n":
113
114
```

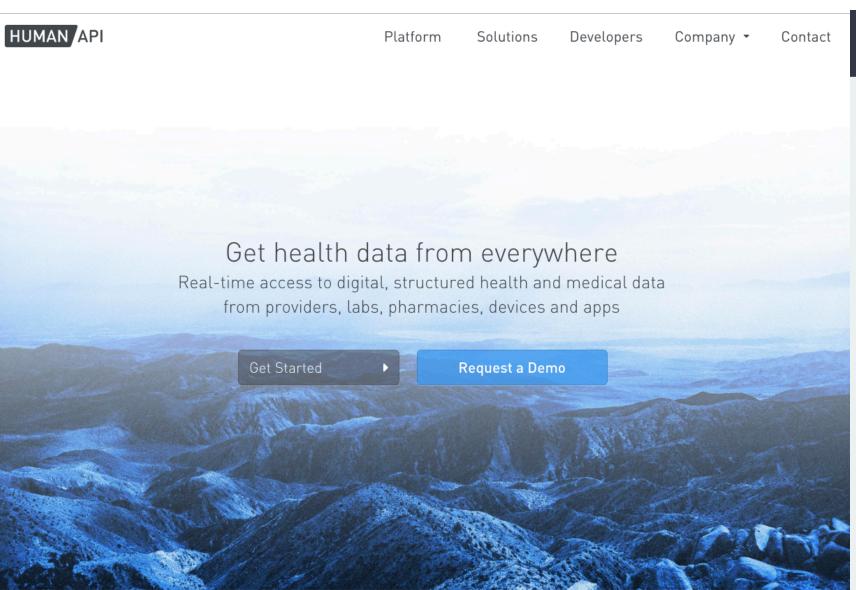


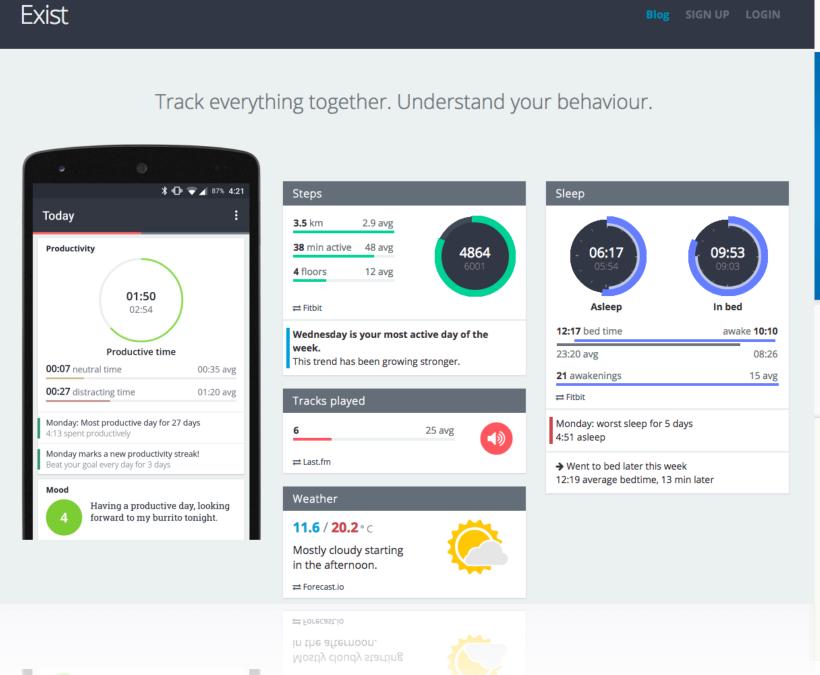


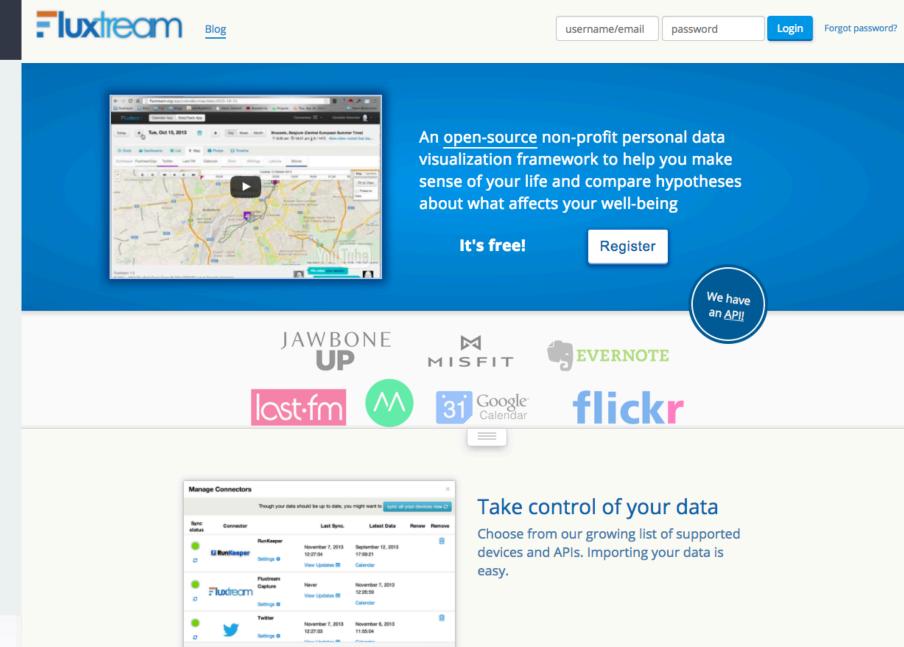


Our mission is to change the way people take care of











About The Locker Project

A Locker is a container for personal data, which gives the owner the ability to control how it's protected and shared. It retrieves and consolidates data from multiple sources, to create a single collection of the things you see and do online: the photos you take, the places you visit, the links you share, contact details for the people you communicate with, and much more. It also provides flexible APIs for developers to build rich applications with access to all of this information.

INTERNET ARCHIVE (https://www.groklife.net/) Co MAY DEC AUG 10 captures 25 29 Dec 2010 - 5 Mar 2016 About this capture

Twitter

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Our Vision

As we go through our lives we create vast amounts of data. Emails, phone calls utility bills, health monitoring devices, text messages, browsing data, purchase out of the regular course of our actions. It's more than just data. It represents o communications, relationships, locations, behaviors and creative and consumpt

Currently, our data is scattered everywhere. It lives in and is usually owned by which it was created or exchanged. It's aggregated by third party trackers and advertising, content and services to you. Billions of dollars are exchanged, indicreated off of our data, and it serves as the basis and is the foundation for son structures on the web, and in the world at large.

Meanwhile, the people who have benefited least from this ecosystem are the v data. Often times, in fact, these channels and organizations go out of their way our data from the network and reuse our own content. Limitless opportunities for applications and web experiences, as well as more free and open communications.

Demo

Coming soon. Meanwhile, here are some screenshots:

See your health data the way you decide.

You use one or more apps to collect and view your data. But you have unique questions and motivations that are not captured in those apps. GrokLife allows you to use your data wherever you want and see all your data in one place.

With your permission, GrokLife transforms your health and wellness data and copies it between your apps as well as provides a place to visualize all your data.

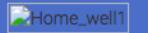
With GrokLife, all of your data is available in all of your apps.

we support





Withings



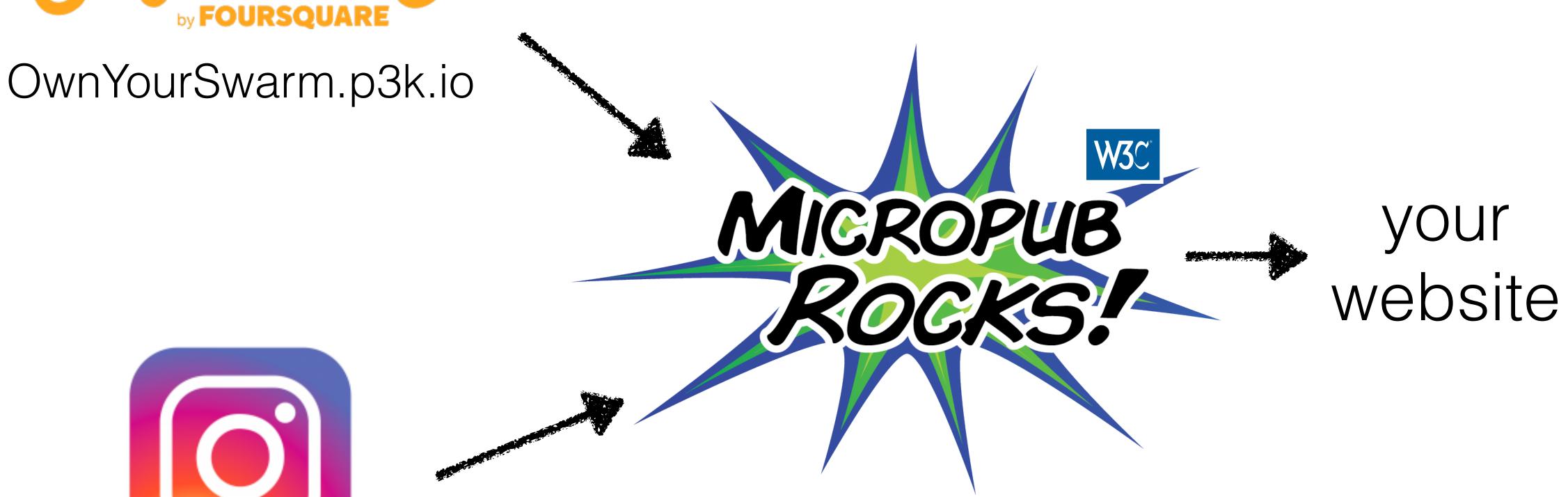




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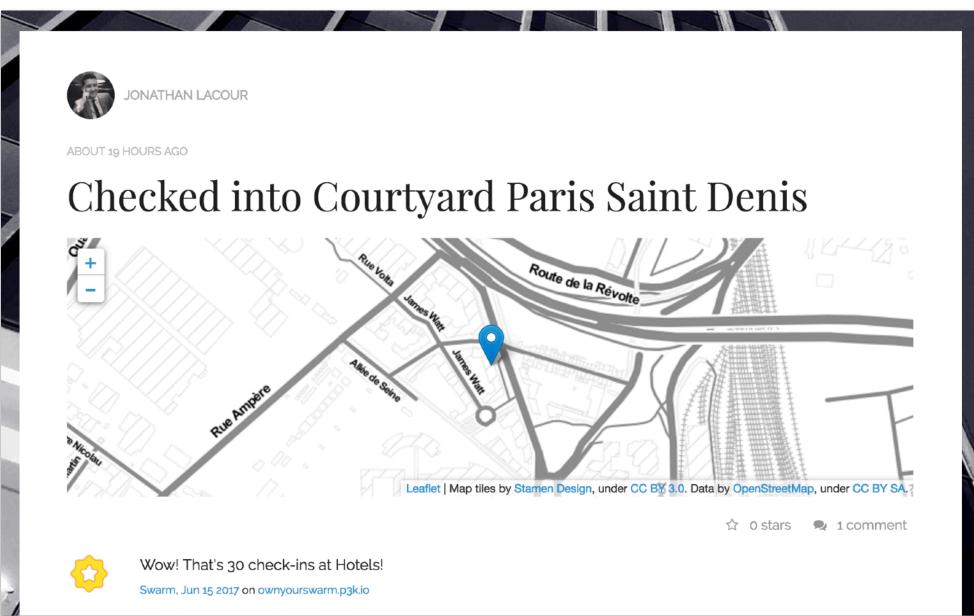


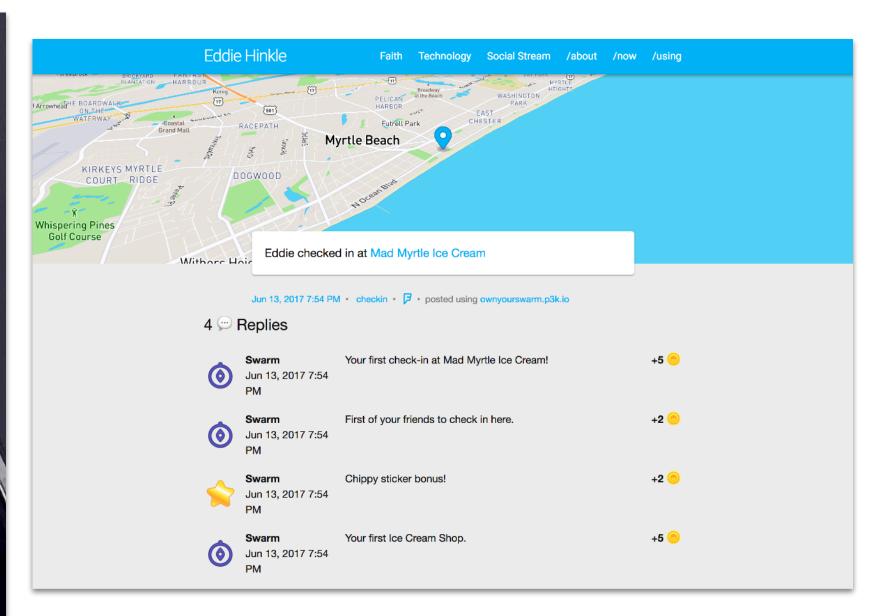




OwnYourGram.com







Through a Glass Darkly

Outside looking in.

Home

← Previous Post

#4092

Posted on June 14, 2017 by Tamara

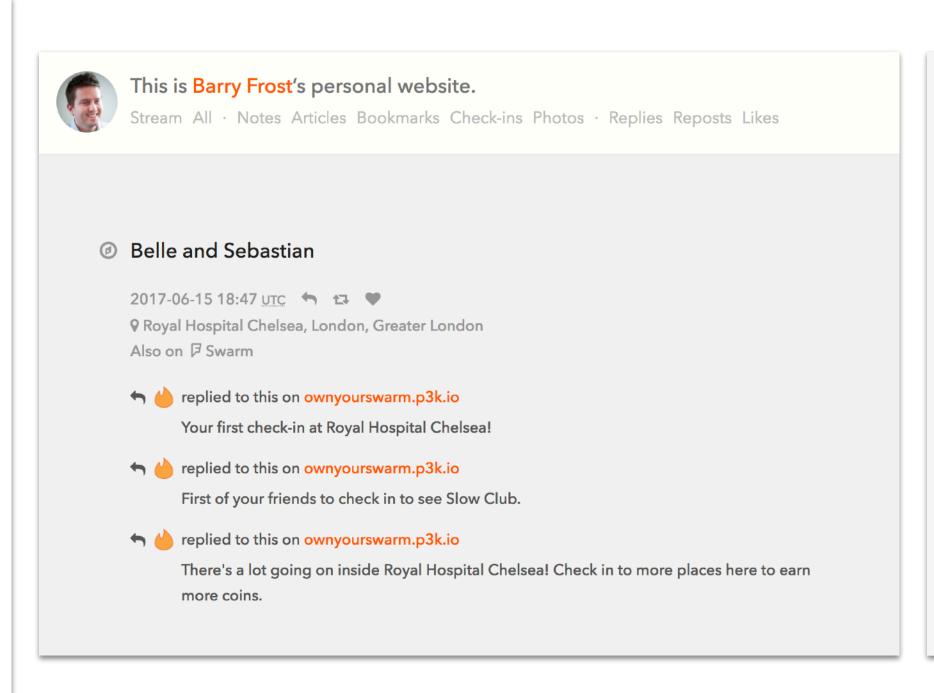
Need a break from crazy driving through Boston at rush hour. Checked into <u>Starbucks</u>.

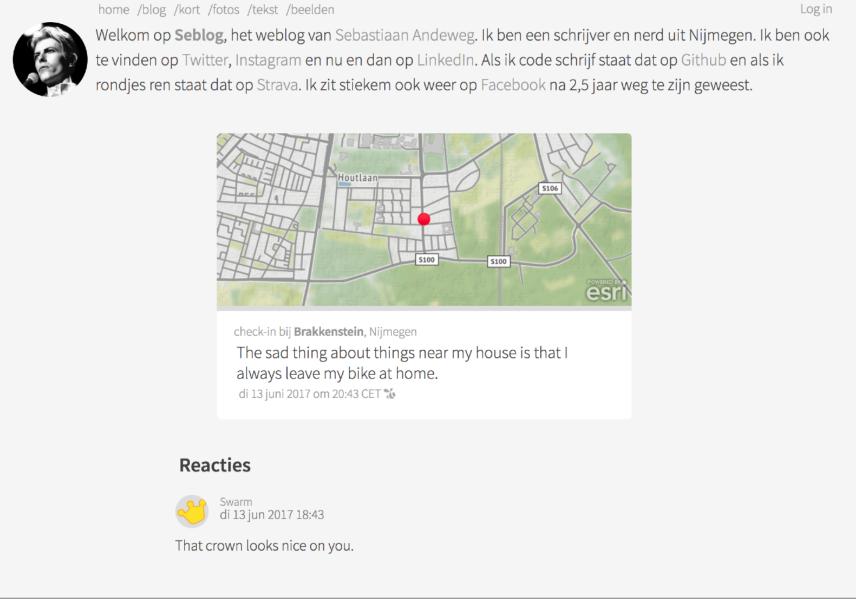
• Starbucks, 552 Adams St, Milton, MA, 02186, United States

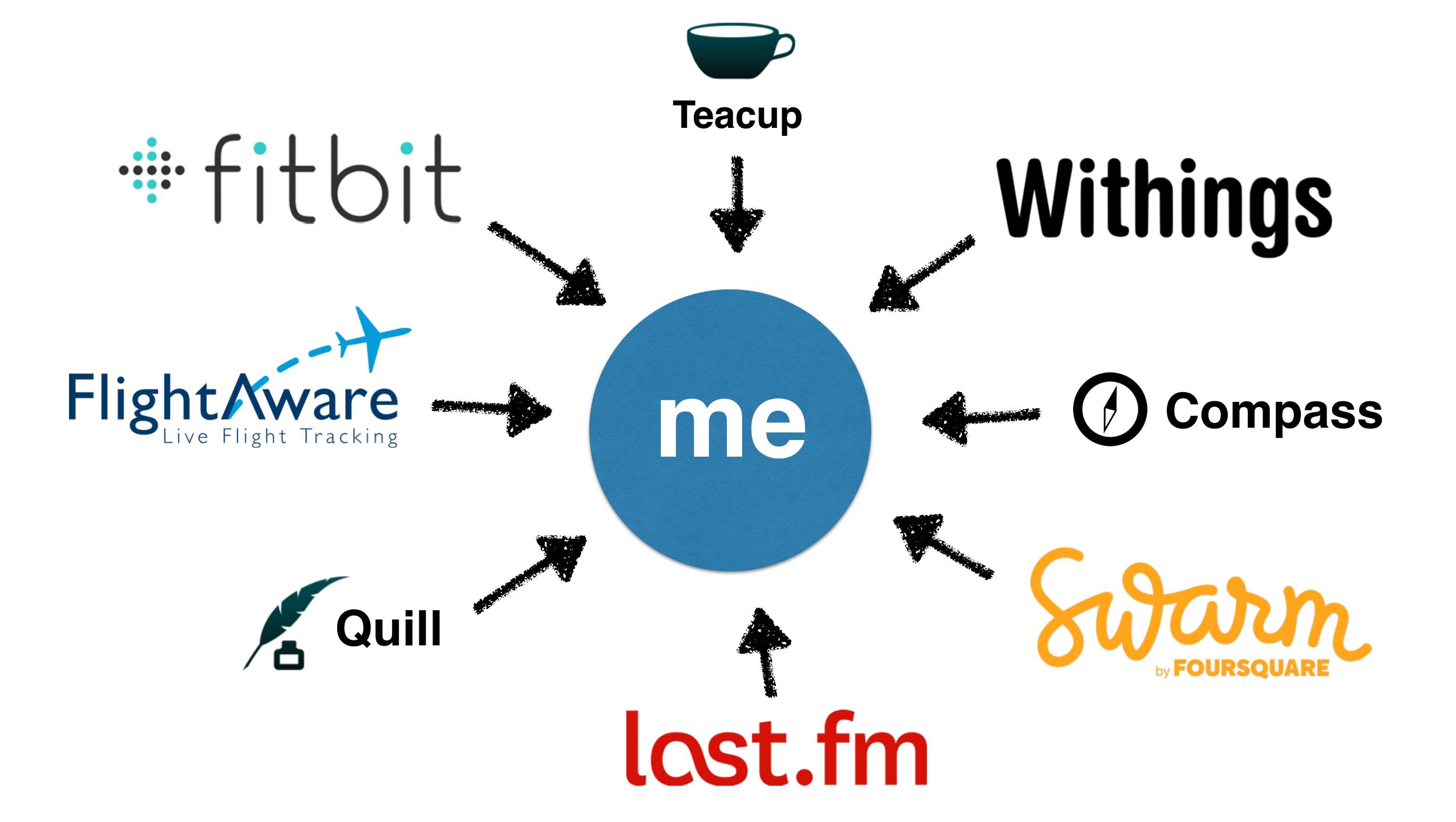
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Thank You!