

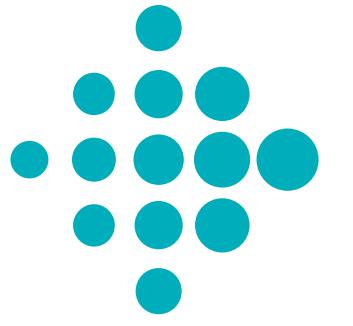
Frédéric Harper

Senior Developer Evangelist @ Fitbit

@fharper

HLTH Hackathon Fitbit Challenge





Fitbit is the #1 wearable brand
used by people trying to lose weight,
sleep better and improve heart health.

60

76+M Devices
Sold to Date



86 Countries



50+M Registered
Device Users

We want to make everyone
in the world healthier

HLTH Hackathon Challenge

- \$10,000 USD to be split amongst the team
- build an app to help individuals better manage their day-to-day life with one of those conditions
 - diabetes
 - heart
 - sleep
 - mental health
- by using the **Fitbit OS SDK** or the **Web API**

dev.fitbit.com



developer

Getting Started Build Manage Community Q

You'll **fit** in here

Using JavaScript, CSS, and SVG, developers now have a fast, easy way to build apps and clock faces for Fitbit OS.

[LEARN MORE](#)

It's time for a change

The clock face is your new canvas.

[LEARN MORE](#)

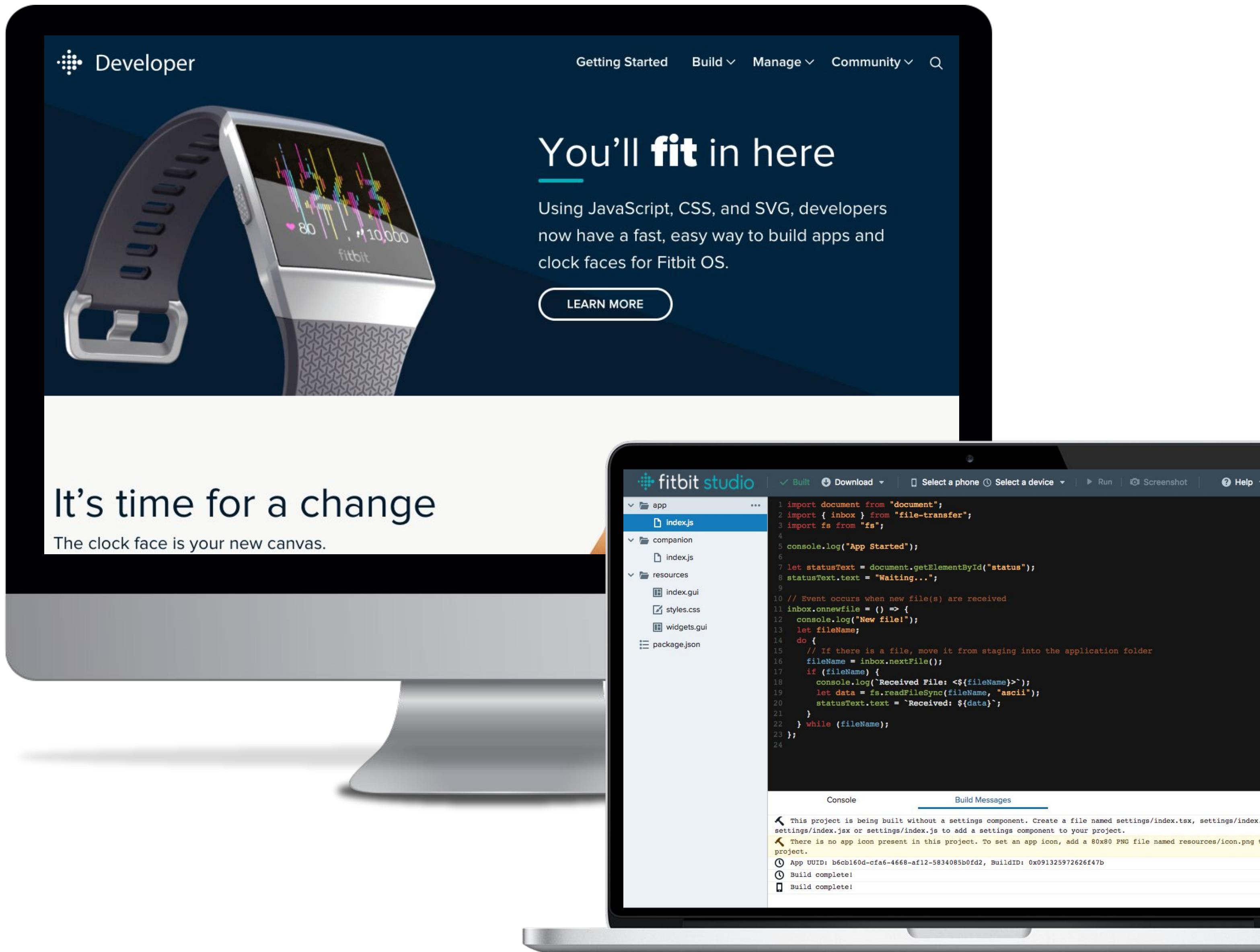


SDK

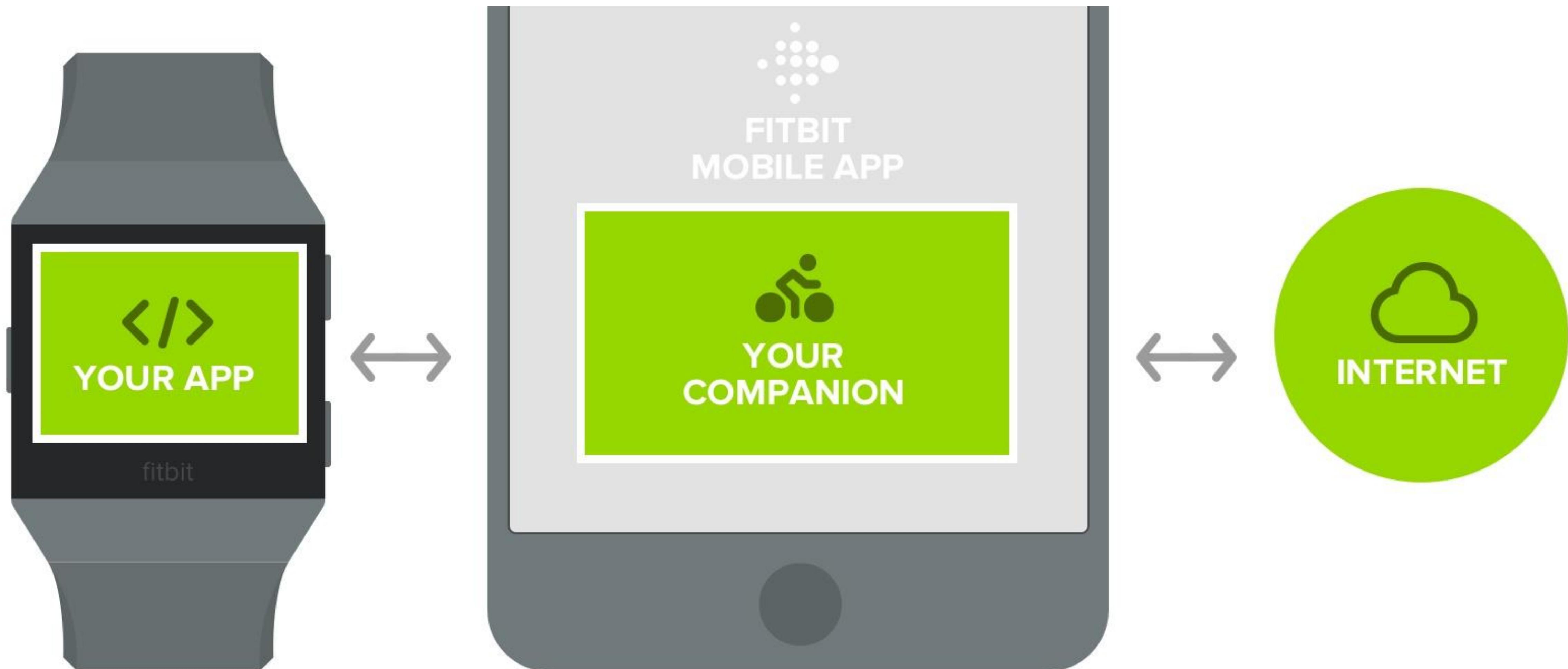


Developer Platform

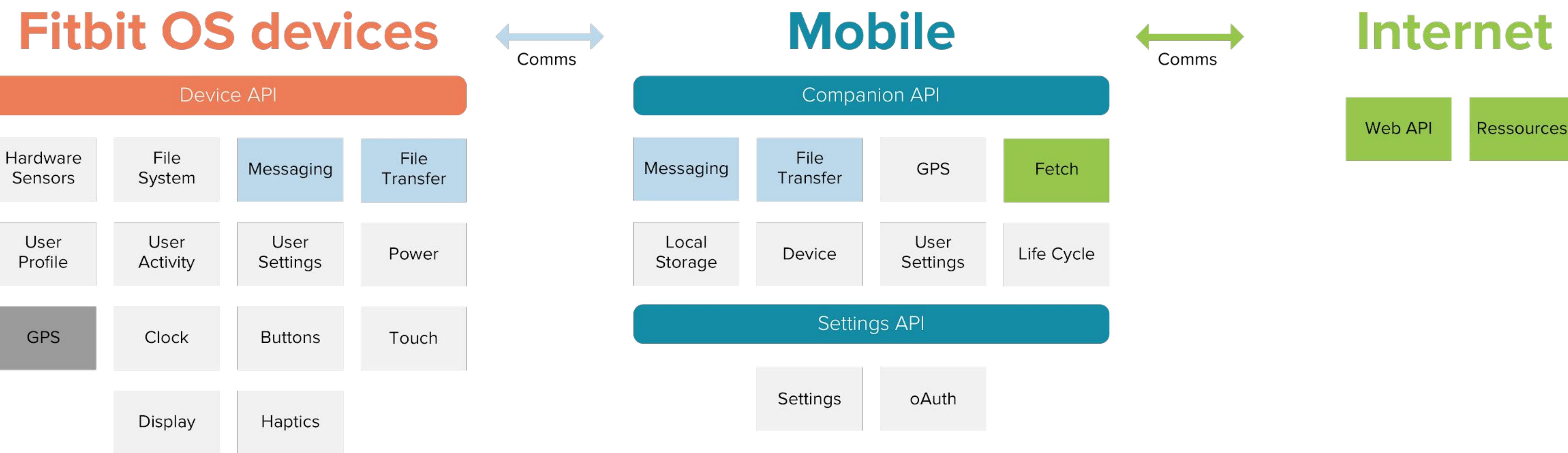
- Standards based SDK with JavaScript, SVG & CSS
- Easily create apps from anywhere with Fitbit Studio
- Simulator available on macOS & Windows



Platform Architecture

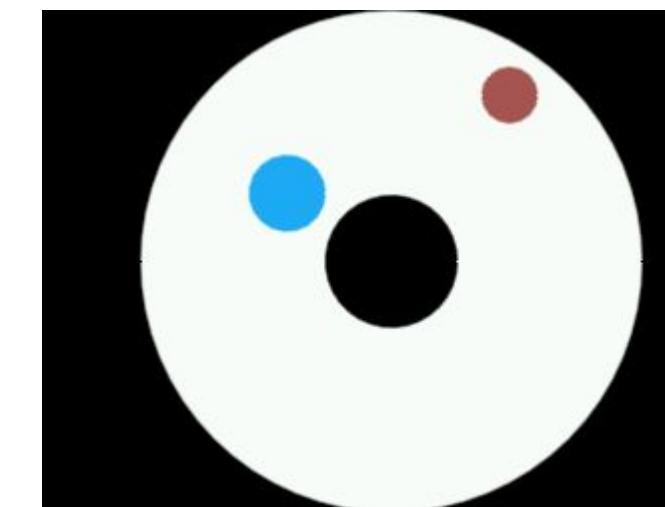
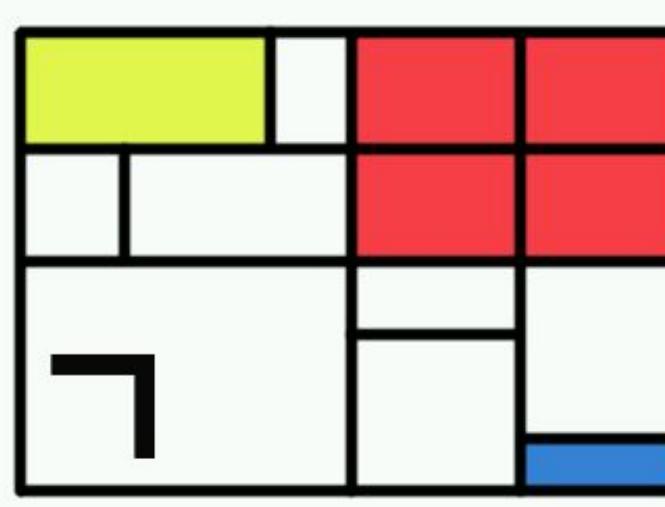


Platform Architecture



S U 1 3 0 8
1 0 5 3 4 3
0 1 3 7 5 1
5 8 5 7 2 4

110 34 130
AVG BG UNITS CARBS
12 %HIGH 57 %BAS 2,345
9 %LOW 43 %BOL CALORIES
FEB 21 5:47



Pill Name:
Tylenol
Last Taken At: Take a Pill!
11:03 p
Pill Name:
Advil
 Take a Pill!

05:32:48 13 DEC
RHR 68 AT 105
ZONE RECOVER 78

07:52

SMART WATCH ACTIVITY STATS
12:24 48
LIGHT EXERCISE SHORTCUTS



12:40 pm
Sunday, December 17
4,489 22 mins

1 1
 1 0
 0 0

3 6

6,544 2,626
86 13

06:56
HAPPY HOLIDAYS!

6,973 Steps 43°F Rain
08:59 pm
SU MO TU WE TH FR SA
December 16 2017

8 16 64 256 09:53
2 2 8 HIGH 5,936
16 4 1,712
2 8

10:51 Connected
26.1 km/h
14.1 km/h 543 m

40/64 fl oz

Thu 16 Nov
5:19 PM
17°

TUE 08:30 19 DEC 57%



November 2017
SU MO TU WE TH FR SA
1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30

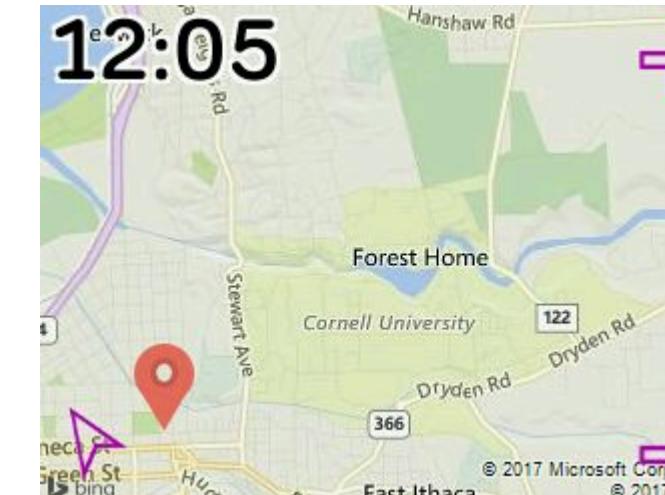
Design. Create. Save. Share.
your own watch face with the tip of your finger!

4 x 25 Kick @ 0:50
0:27
116 rep 1/4

DATE MONTH YEAR BATT
18 Nov 2017 100%
* HOUR MIN SEC
02:33 13
DAY Sat Goodmays Drizzle 8°C

WEDNESDAY — 22
ALMOSTXTWENTY-FIVE
TEN I SQUARTERSAHALF
PAST I TORONETWOFOUR
THREEFIVES I XYSEVEN
ELEVENTENS **NINE** I GHT
TWELVESNOONO'CLOCK
DECEMBER 20 - 2987!?

* 100%
05:52 P
Sat, 25 Nov 2017
 London Cloudy 5°C
Saturday - beautiful day!!



12:05
9598 | 20:34 | Thu 15 | 92

FRI DEC 22

Web API

REST APIs

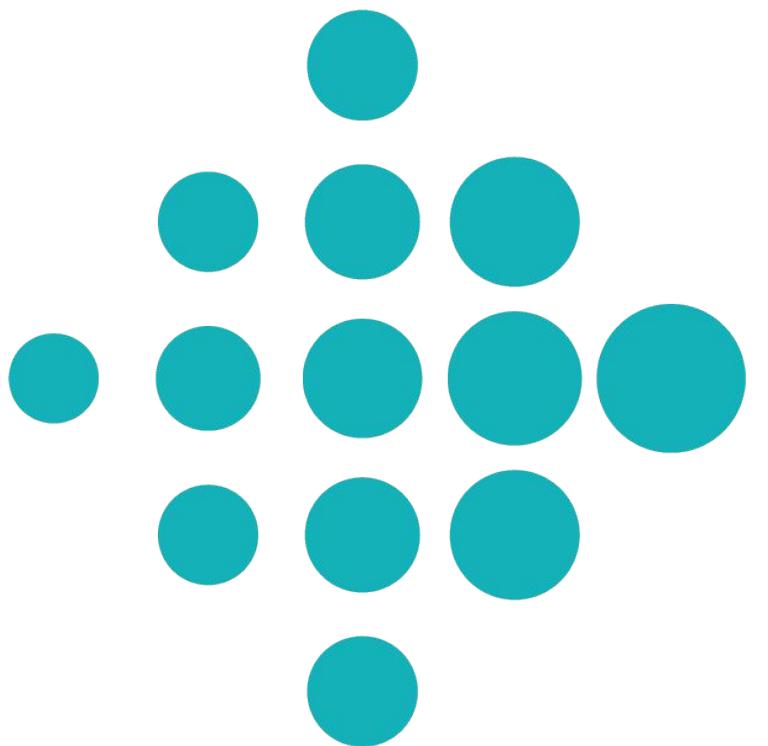
- Activity
- Body & Weight
- Devices
- Food Logging
- Friends
- Heart Rate
- Sleep
- Subscriptions
- User

```
{  
  "activities": [  
    {  
      "activityId": 51007,  
      "activityParentId": 90019,  
      "calories": 230,  
      "description": "7mph",  
      "distance": 2.04,  
      "duration": 1097053,  
      "hasStartTime": true,  
      "isFavorite": true,  
      "logId": 1154701,  
      "name": "Treadmill, 0% Incline",  
      "startTime": "00:25",  
      "steps": 3783  
    }  
  ],  
  "goals": {  
    ...  
  }
```

Have fun!



#made4fitbit



THANK YOU