**m** readme

# APT Mixtupe SKETCH NOTES

May 17, 2017

## TABLE OF CONTENTS

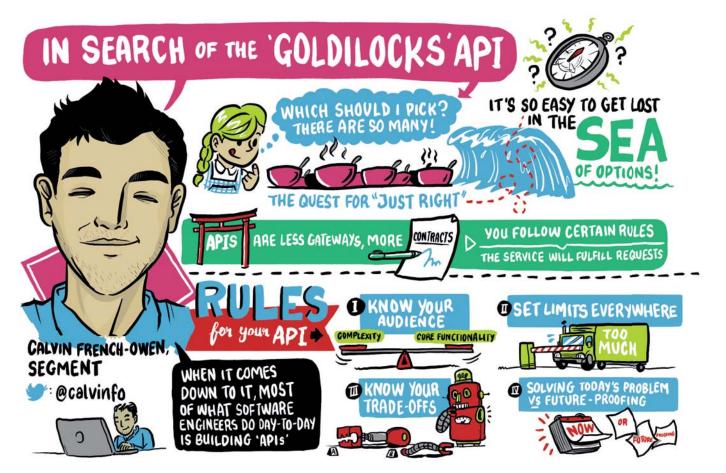
- Page 5 Welcome Message
  - 7 Gregory Koberger, ReadMe API Mixtape Welcome Message
  - 8 Design
  - 9 Amanda Folson, GitLab Your API is Bad and You Should Feel Bad
  - 10 Calvin French-Owen, Segment In search of the Goldilocks API
  - Il Duretti Hirpa, Slack Good APIs make for Good UIs
  - 12 Build
  - 13 Dan Schafer, Facebook / GraphQL GraphQL at Facebook
  - 14 Josh Cincinnati, Lyft Exposing Public API Endpoints Across Microservices
  - 15 Alexander Wang, Scale Human-powered APIs at Scale
  - 16 Market
  - 17 Cecilia Stallsmith, Slack So You Want to be an Ecosystem?
  - 19 Using ReadMe Build

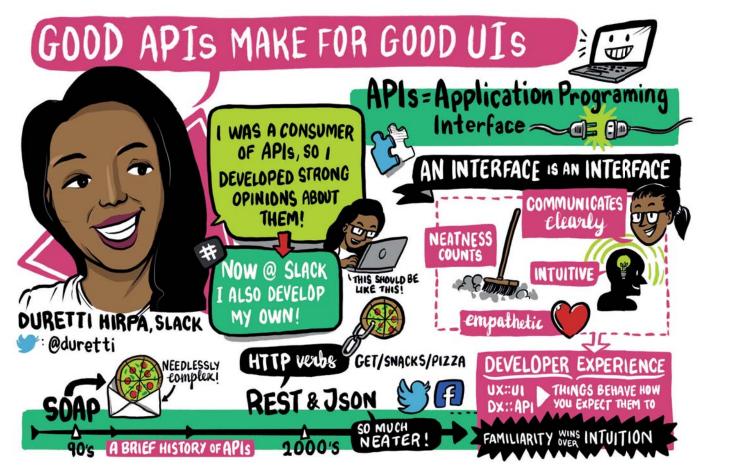


#### **DESIGN**

What to think about before you write your first line of code







#### **BUILD**

Everything is designed, so it's time to get technical!

## GRAPHQL AT FACEBOOK



GRAPHQL

A QUERY LANGUAGE FOR YOUR APPLICATION LAYER

name

HOW DO I IMPLEMENT AUTH?

HOW DO I MAKE MY API EFFICIENT?

HOW DO I CACHE MY RESULTS?

AUTHORIZATION

EXTERNAL INTERFACE

BUSINESS LOGIC

STORAGE LAYER

MAKES AUTHORIZATION

OFTRUTH SIMPLERI



THESE AREN'T ACTUALLY

DATA LOADER



LOADS EVERYTHING UP -> & SHOOTS IT OUT IN A BATCH

CACHE

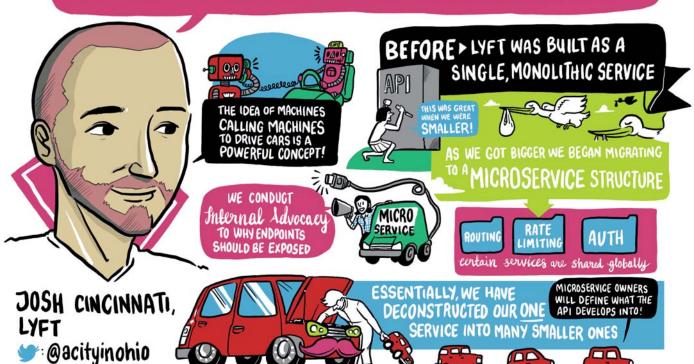
GLOBALLY UNIQUE CACHE KEY



DAN SCHAFER FACEBOOK & CO-CREATOR OF GRAPHOL



## EXPOSING PUBLIC API ENPOINTS ACROSS MICROSERVICES



## HUMAN-POWERED APIS AT SCALE

DEVELOPERS HAVE **NEVER HAD ACCESS** TO RELIABLE HUMAN INTELLIGENCE





CREATE A TASK HUMAN COMPLETES TASK WORKS

BACKGROUND QA

YOUR TASK IS

EASE OF USE

QUALITY

RELIABILITY

ALEXANDR WANG, SCALE



WE HANDLE THE complexity SO YOU DON'T HAVE TO!















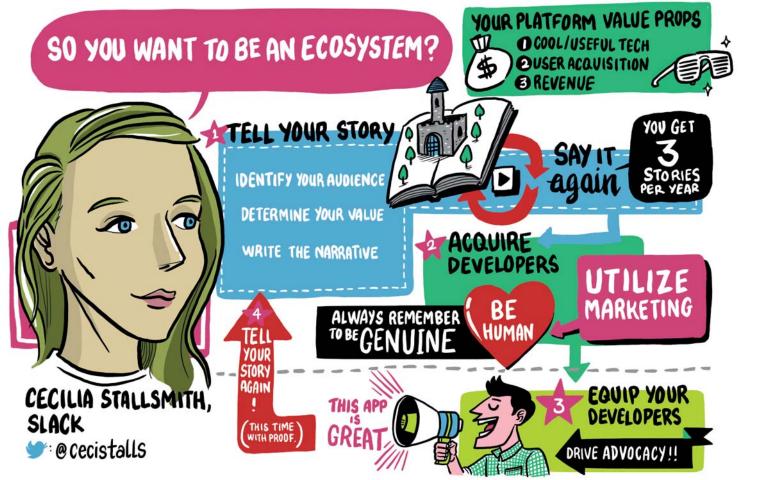
IMAGE RECOGNITION

TRANSCRIPTION CATEGORIZATION COMPARISSON

COLLECTION

#### **MARKET**

Build it and they will... probably not come. You need to get the word out!



#### **readme**

We're launching a new product called **ReadMe Build!** 

Great documentation is only possible if there's a close integration with the API. We're creating Build to make it easy to build world-class APIs in minutes, and make it dead simple for the end user.

https://readme.build

Introducing... FreadmeBUILD

AN EASY WAY TO **BUILD & CONSUME** AWESOME APIS

## CREATE AN API IN 3 MINUTES!

\$ npm install api-9

INSTALL THE

\$ api init

2) CREATE A NEW API



3) EDIT THE API FILE

\$ api deploy

4) DEPLOY THE API

CONSUME AN API

USE YOUR OWN MICROSERVICES, OR CONSUME PUBLIC APIS FROM THE REGISTRY















const api = require ('api') ('prod\_gkob\_8Jalja181nLJadJpqqz'); api('math').do ('multiply'; {

x: 1, y:5
}, function(err, results, meta) {
console log(results); });

NO URLS, API METHODS, HEADERS, TOKENS, MIME TYPES, IT JUST WORKS!!

### FEATURES

- VERSIONING
- LOGS
- RATE LIMITING
- DISCOVERY
- PAYMENTS
- AUTHENTICATION
- INTERACTIVE DOCUMENTATION



