From Code To Community: How Do You Run An Open Source Project?

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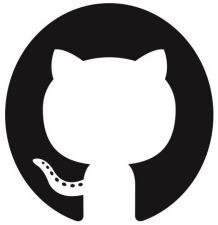
Developer Advocate
Axway

How do you run an Open Source Project?

1. Take some Source Code
2. Dump in on GitHub
3. Done!

Developer Advocate

/in/uhitzel



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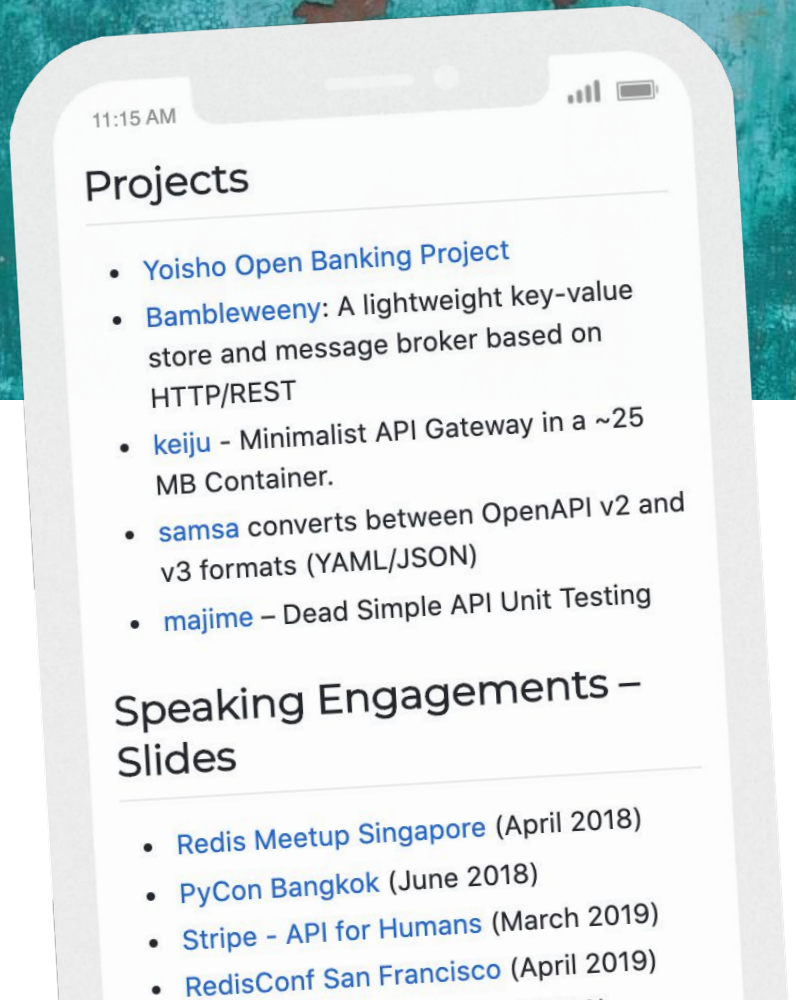


https://apigeek.net

KEIJU

majime

YOISHO
偽の会社

bamble
weeny

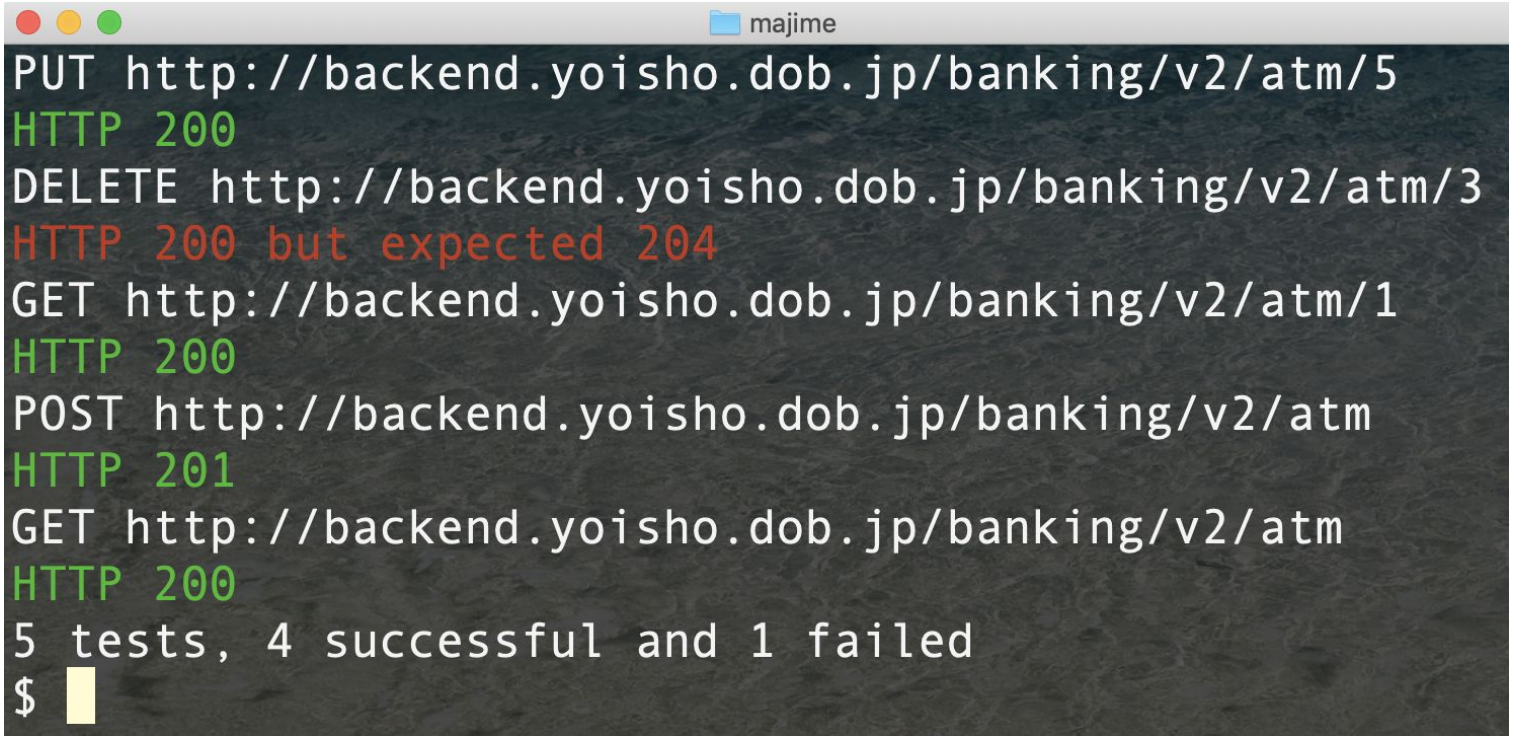
- Run test cases on API endpoints
- Test cases are defined in YAML files
- majime can generate test cases from Swagger specs

/ma-ji-me/

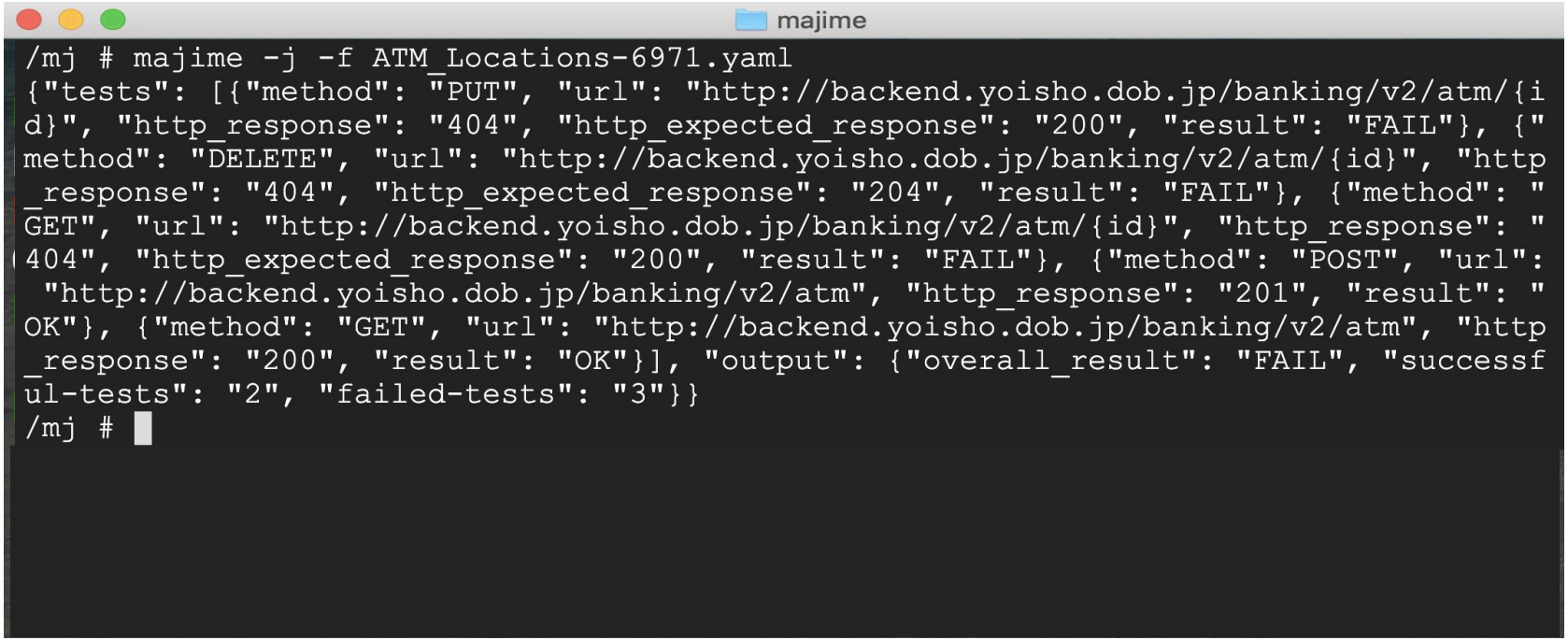
noun

1. an earnest, reliable person who can get things done
2. dead simple API Unit Testing

Run Test Cases against Endpoints



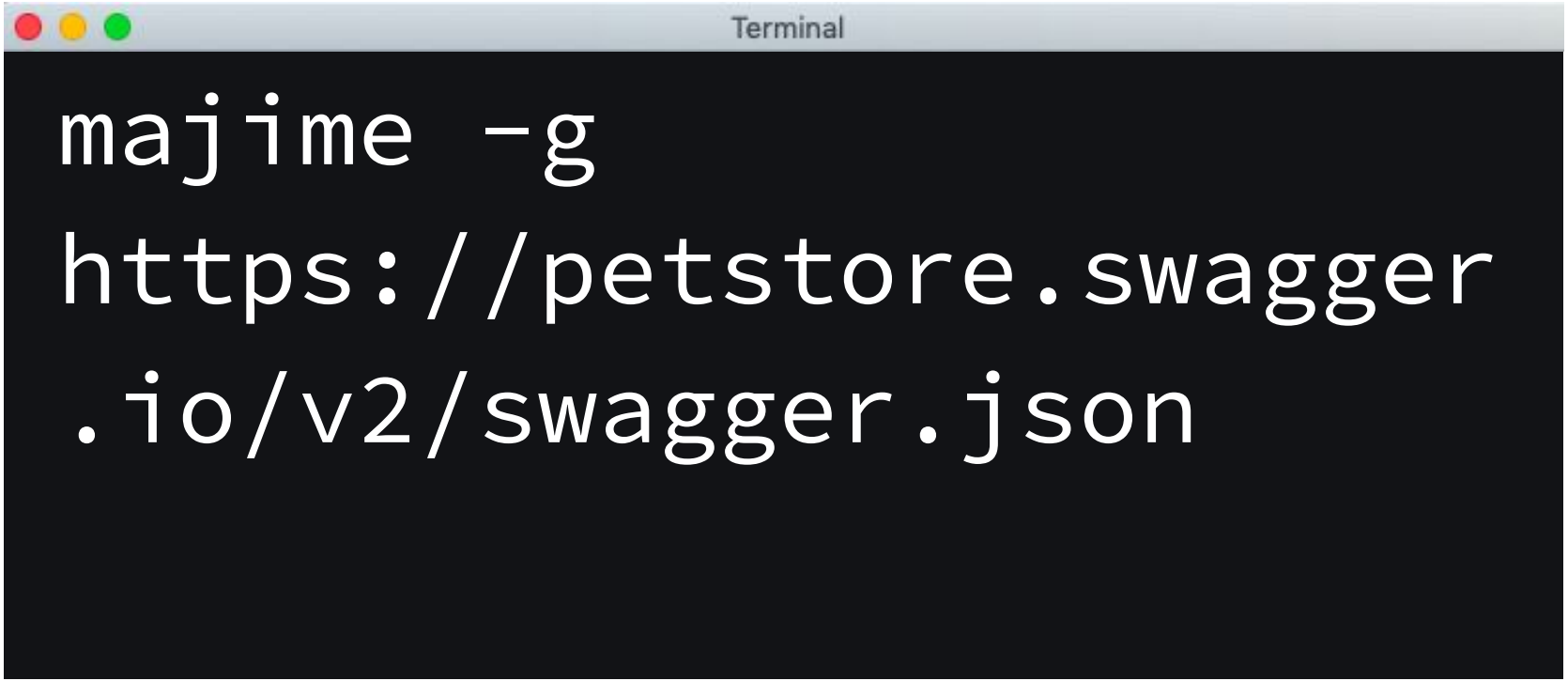
JSON Output Also Can!



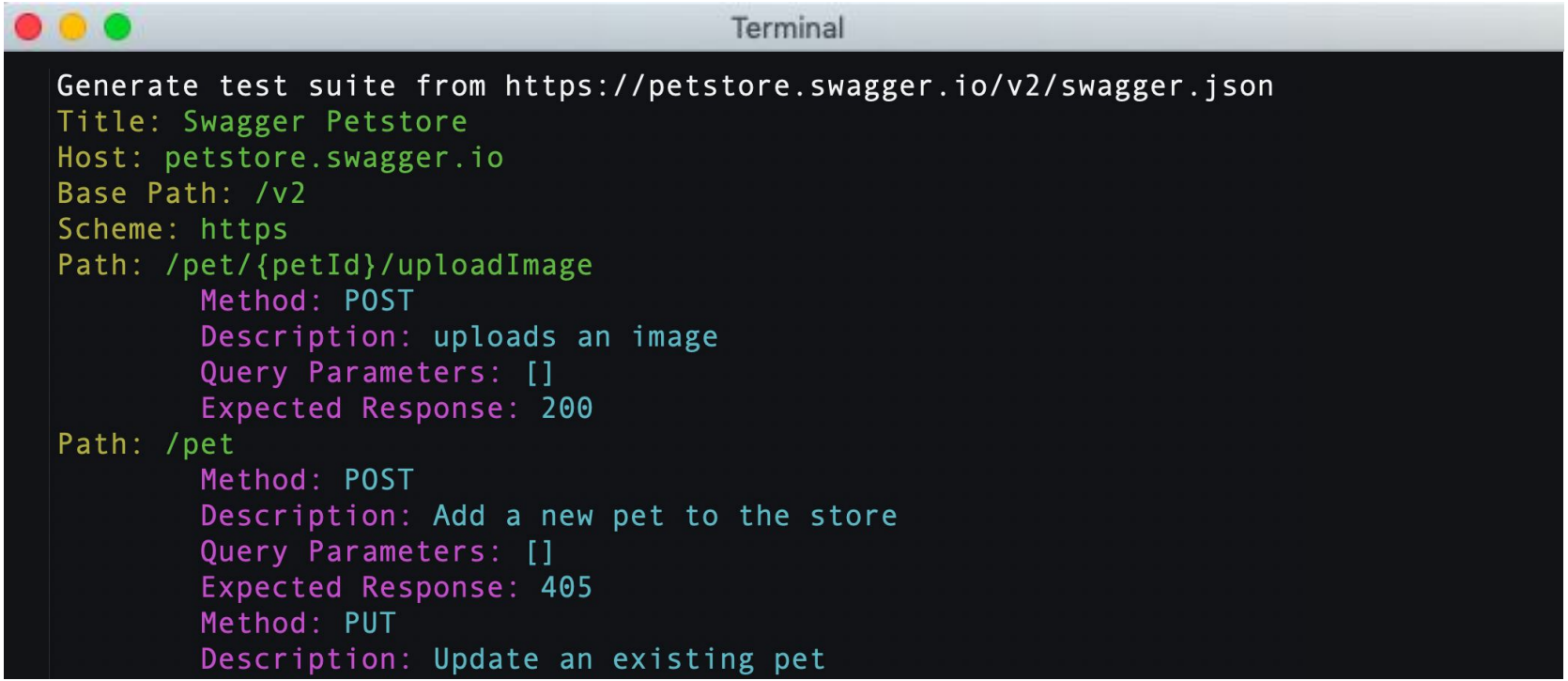
Test Cases Defined In YAML

```yaml
Base: 'http://backend.yoisho.dob.jp/banking/v2'
Tests:
  - path: '/atm/{id}'
    method: GET
    headers: ''
    expect-response: '200'
    expect-body: json
  - path: '/atm/{id}'
    method: PUT
    headers: ''
    content-type: application/json
    body: {}
    expect-response: '200'
```

Generate Test Cases from Swagger

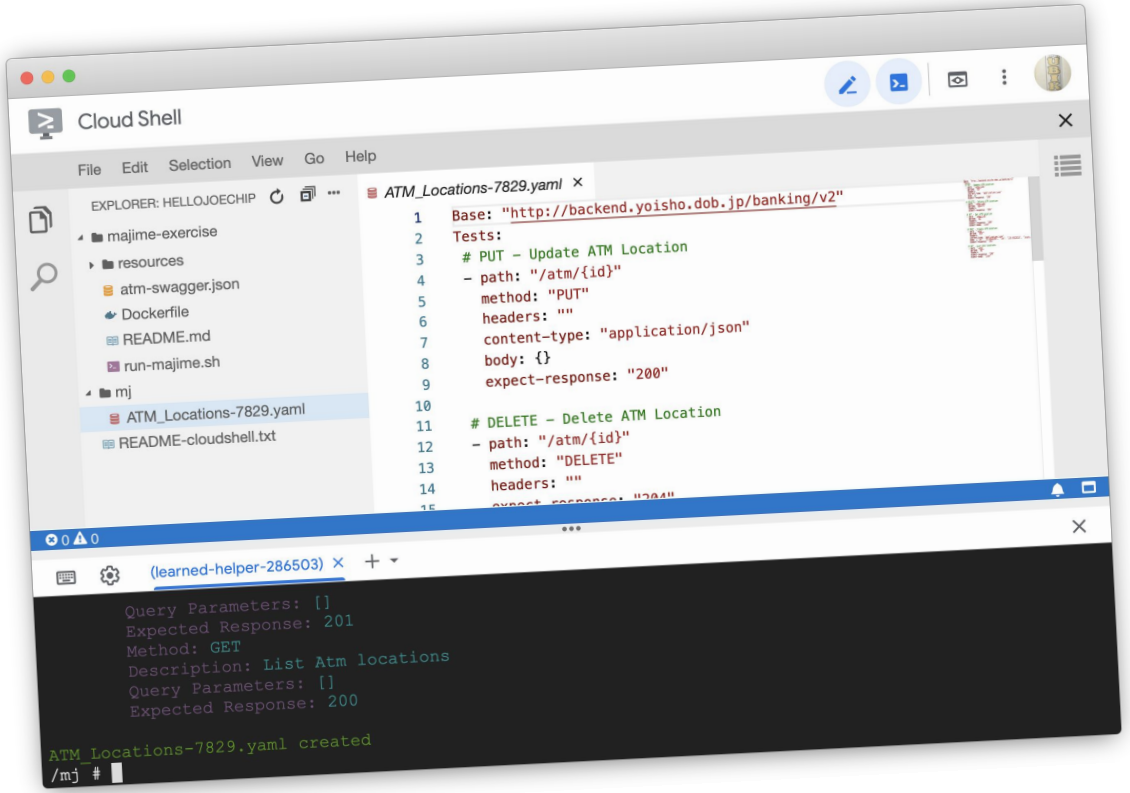


Generate Test Cases from Swagger



https://github.com/u1i/majime-exercise

Let's Try It Out!



Open Banking - Live Endpoints

Webservices and REST APIs that expose bank related data services with dynamic content, use them for testing and demos. Available over HTTP and HTTPS

Full Documentation

YOISHO
偽の会社

ATM

Full CRUDL REST interface (Create, Read, Update, Delete, List), /v1 and /v2 endpoints with respective Swagger specs

- API Version 1 - Swagger
- API Version 1 - Swagger Editor
- API Version 2 - Swagger
- API Version 2 - Swagger Editor
- Sample Request

Currency Exchange

REST/JSON, 1 parameter. Response is different each time.

- Swagger
- Swagger Editor
- Sample Request

Assets (SOAP)

Bank Assets & Debt- SOAP/XML, 2 methods, dynamic output.

- WSDL

ATM Locations 2.0

[Base URL: backend.yoisho.dob.jp/banking/v2]
https://backend.yoisho.dob.jp/banking/v2/swagger

List of ATM locations for Yoisho Banking Corporation

PUT	/atm/{id}	Update ATM Location
DELETE	/atm/{id}	Delete ATM Location
GET	/atm/{id}	Get ATM Location
POST	/atm	Create ATM Location
GET	/atm	List Atm locations

How do you run an Open Source Project?

Open Source

Open Source

People will **see** my Code

People will **use** my Stuff

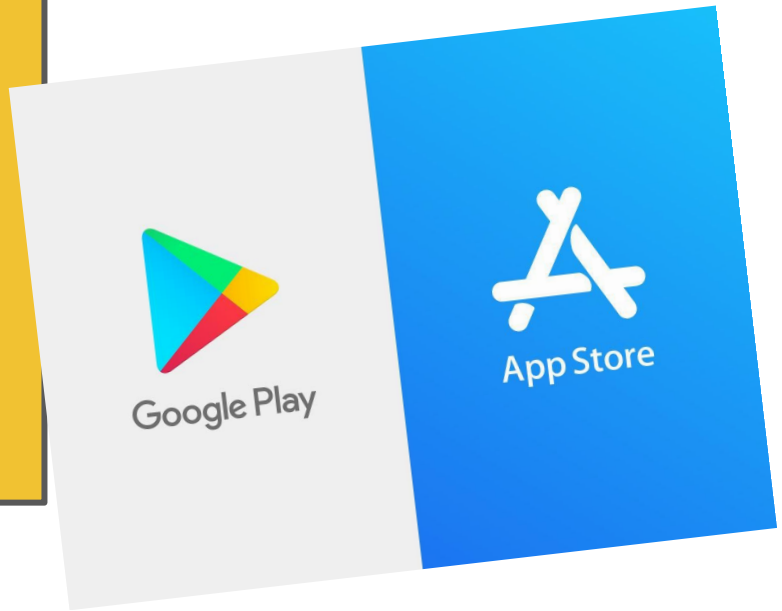
Contribute

- Code
- Documentation & Translation
- Using it
  - Opening Tickets
  - Spreading the Word

Why do it?

- You get inspired & grow
- Make new connections
- Give back to the Community
- It’s rewarding & fun

You’re on the ‘App Store’!



Your RedisConf19 session "Bambleweeny: Redis with HTTP & OAuth" has been accepted!

You replied on Mon 2/25/2019 18:06

DN

Dave Nielsen <dave@redislabs.com>
Sat 2/23/2019 01:55
Uli Hitzel

Dear Uli,

Thank you for submitting your talk to RedisConf19.

On behalf of the Speaker Selection Committee, I'm delighted to let you know that your talk has been accepted and we'd be honored to have you speak at RedisConf.


Soleil


Cheers
MARKET
ATM MACHINE AVAILABLE
CHECK OUR SPECIALS
LIQUOR • BEER • WINE
GROCERIES • MONEY ORDERS

How do you run an Open Source Project?

You'll have to be:

A Developer
+ Marketing Person
+ Project Manager

/Cheukting

I’m probably here

Solve a real Problem

1

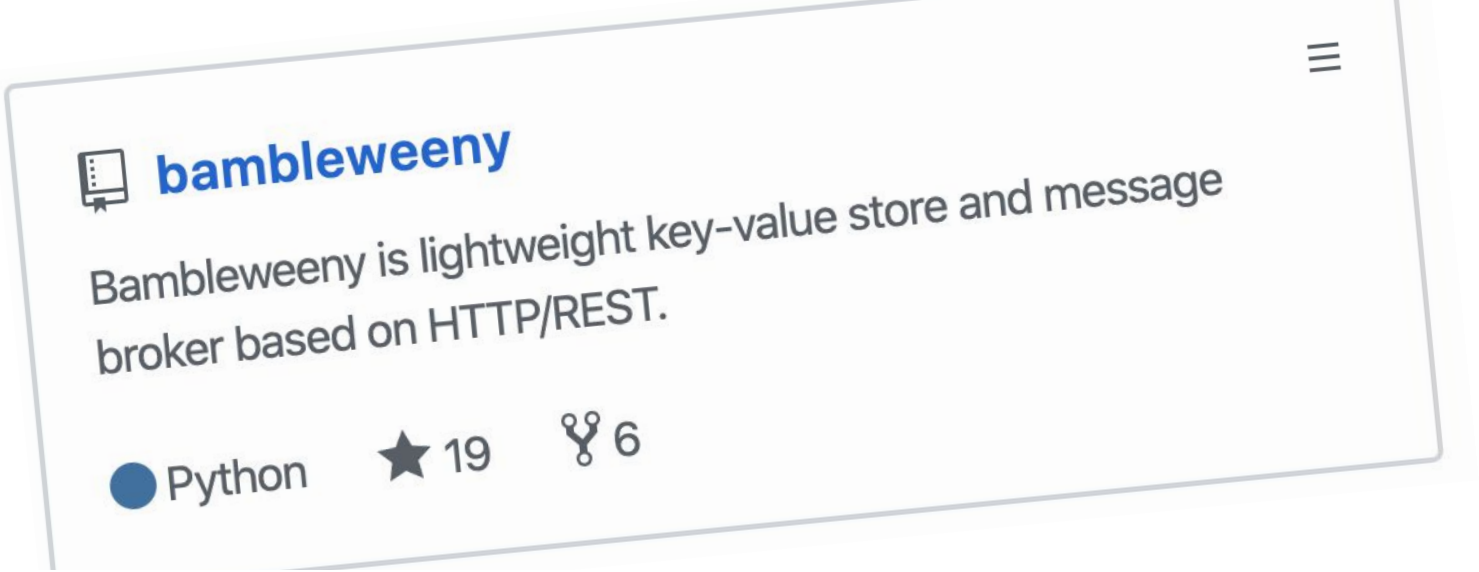
Build something you're using yourself

Turn it into a ‘Living Thing’

- GitHub
- Markdown
- Issues, Versions, Releases
- Contributions & Pull Requests

Market it! 3

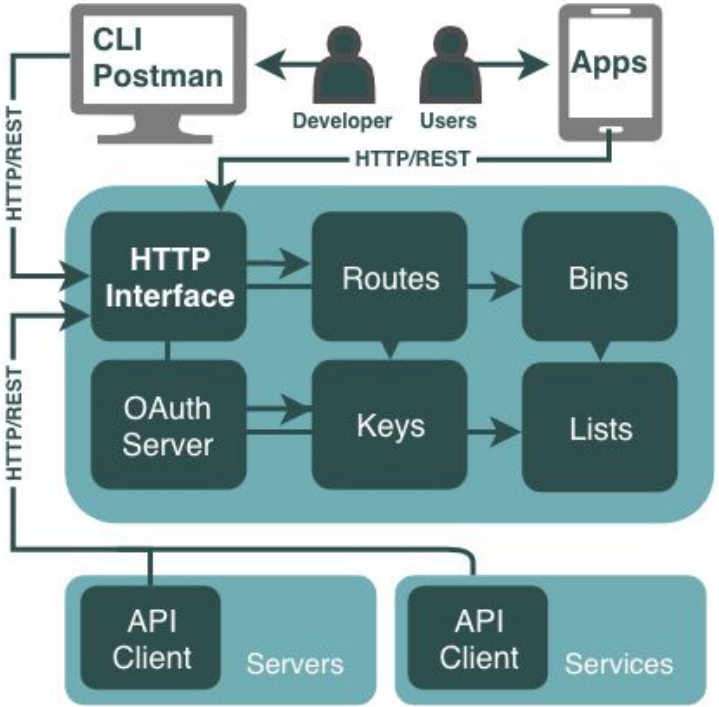
- Branding: Naming, Logo
- Superb Documentation
- Great ‘First 20 Minutes’ Experience
- Promote it



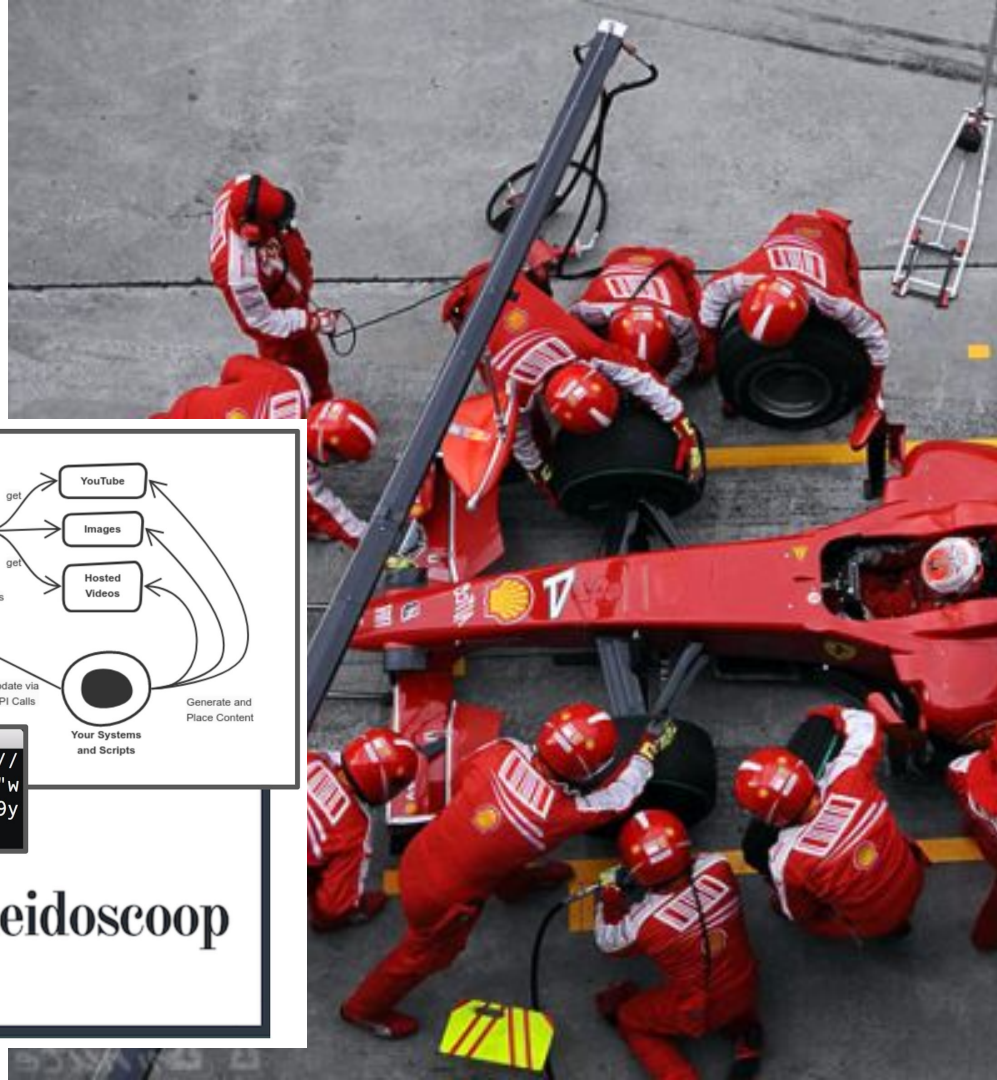
bamble weeny

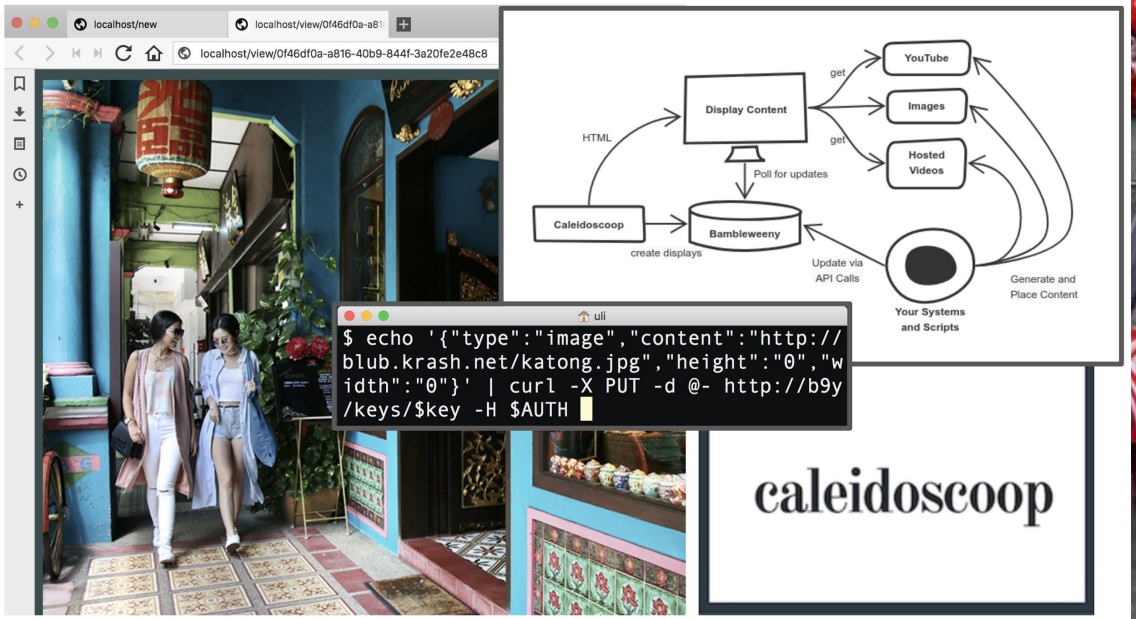
Bambleweeny

- Lightweight HTTP/REST based Key-Value Store & Message Broker
- Multi-Tenancy → Manage Identities, Access & Quotas
- Fast, Easy to Use & Well-Documented
- Written in Python, using Redis, deployable in a tiny Container



Use Case: Fast Prototyping

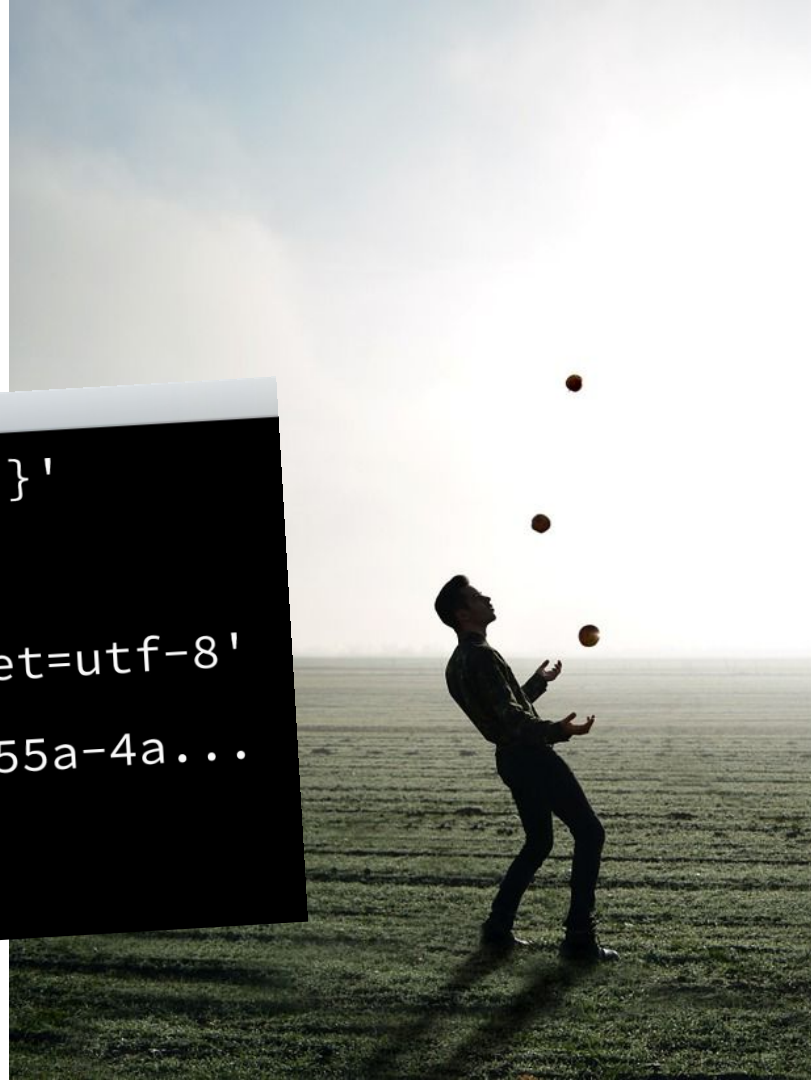




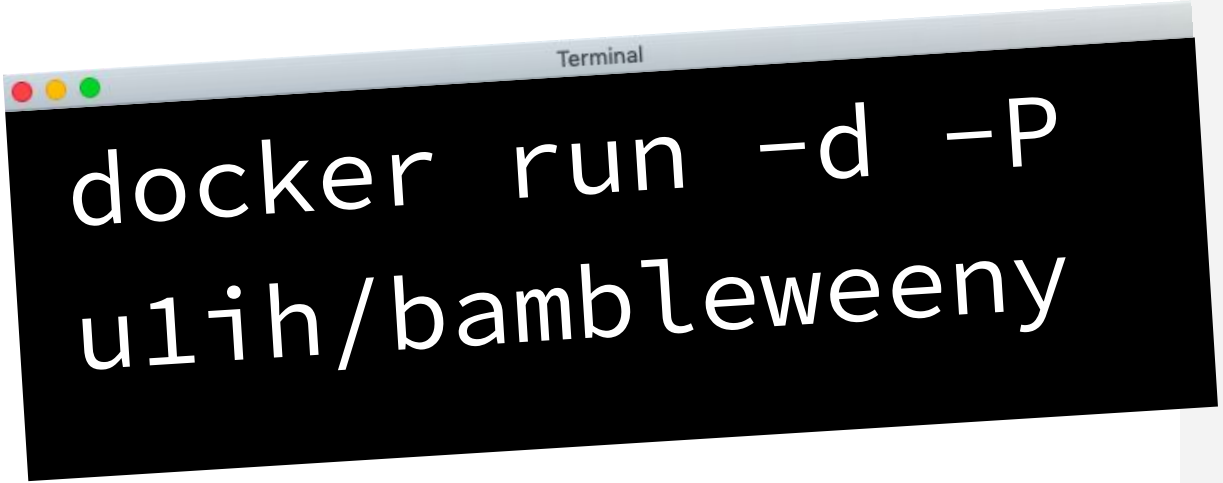
caleidoscoop

Use Case: POCs & API Mocking

```
Terminal
set api '{"message": "!@[message]"}'
set message 'cool stuff!'
route api 'application/json;charset=utf-8'
curl http://b9y/routes/cf670f2b-755a-4a...
{"message": "cool stuff!"}
```



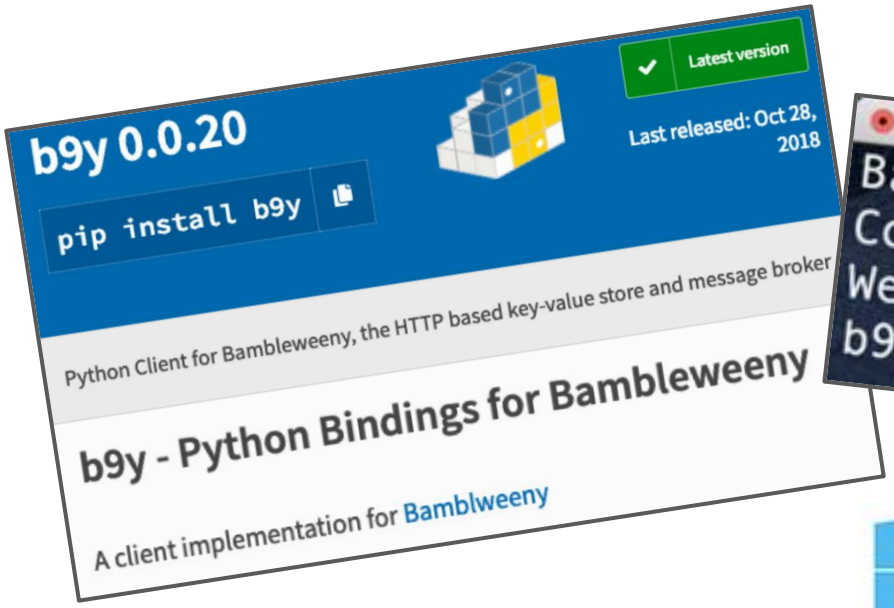
Easy to Run



docker

OPENSHIFT

Python Client Library & CLI



Windows

macOS

Get involved

- Try out Majime or Bambleweeny!
- Help make it better → open GitHub issues for bugs & new features
- Spread the Word!

/u1i