

From API Description To Tests & Mocks

You'll need:



Your Mac



Xcode 8 or 9



A bit of Swift...



Paw (<https://paw.cloud>)

Today's Agenda

- Intro & Presentation
- A simple XKCD app with *Alamofire*
- Build **mocks** with *Mockingjay*
- A simple Instagram app
- Create unit + UI tests with mocks

Do you like
API description
formats?

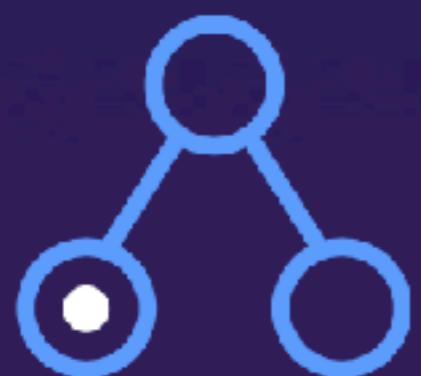


You like this





RAML



api blueprint



Enjoy!



APaBMapFotsRCA M?



WHY SO
MANY
FORMATS?

THE
GOOD OLD
DAYS

Different needs



...and opinions



YET



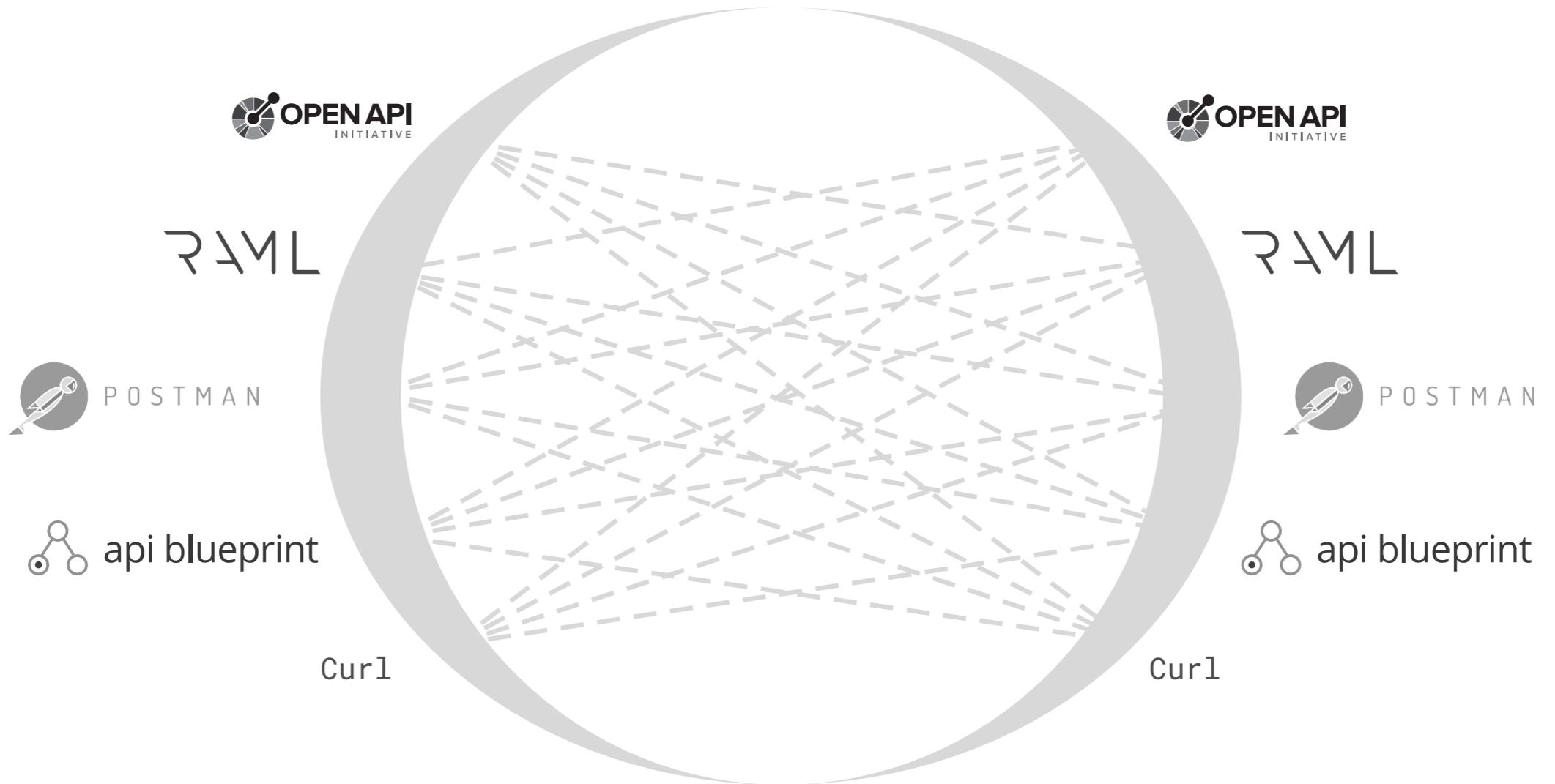
ANOTHER

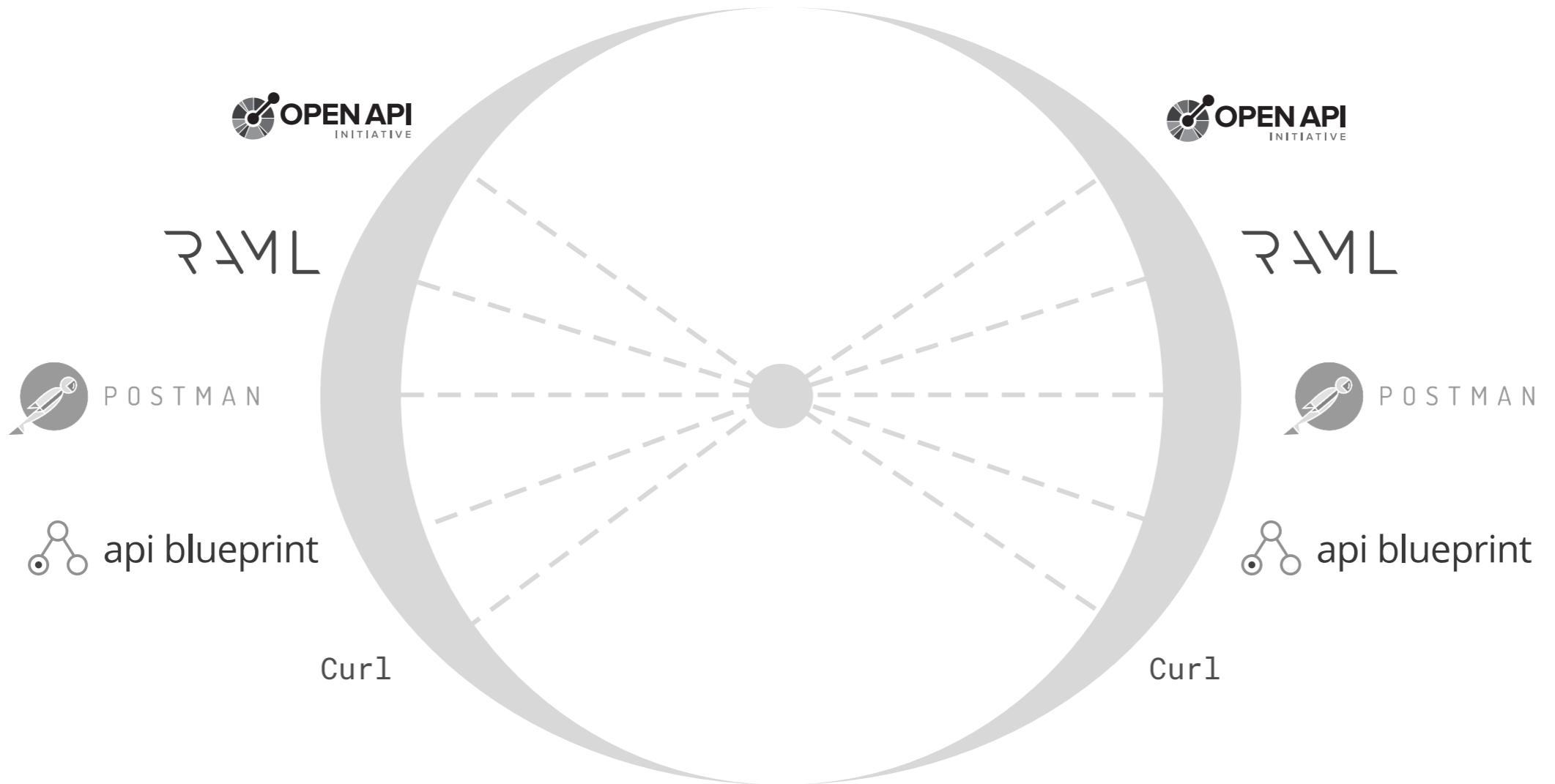
FORMAT?



MIDDLEWARE







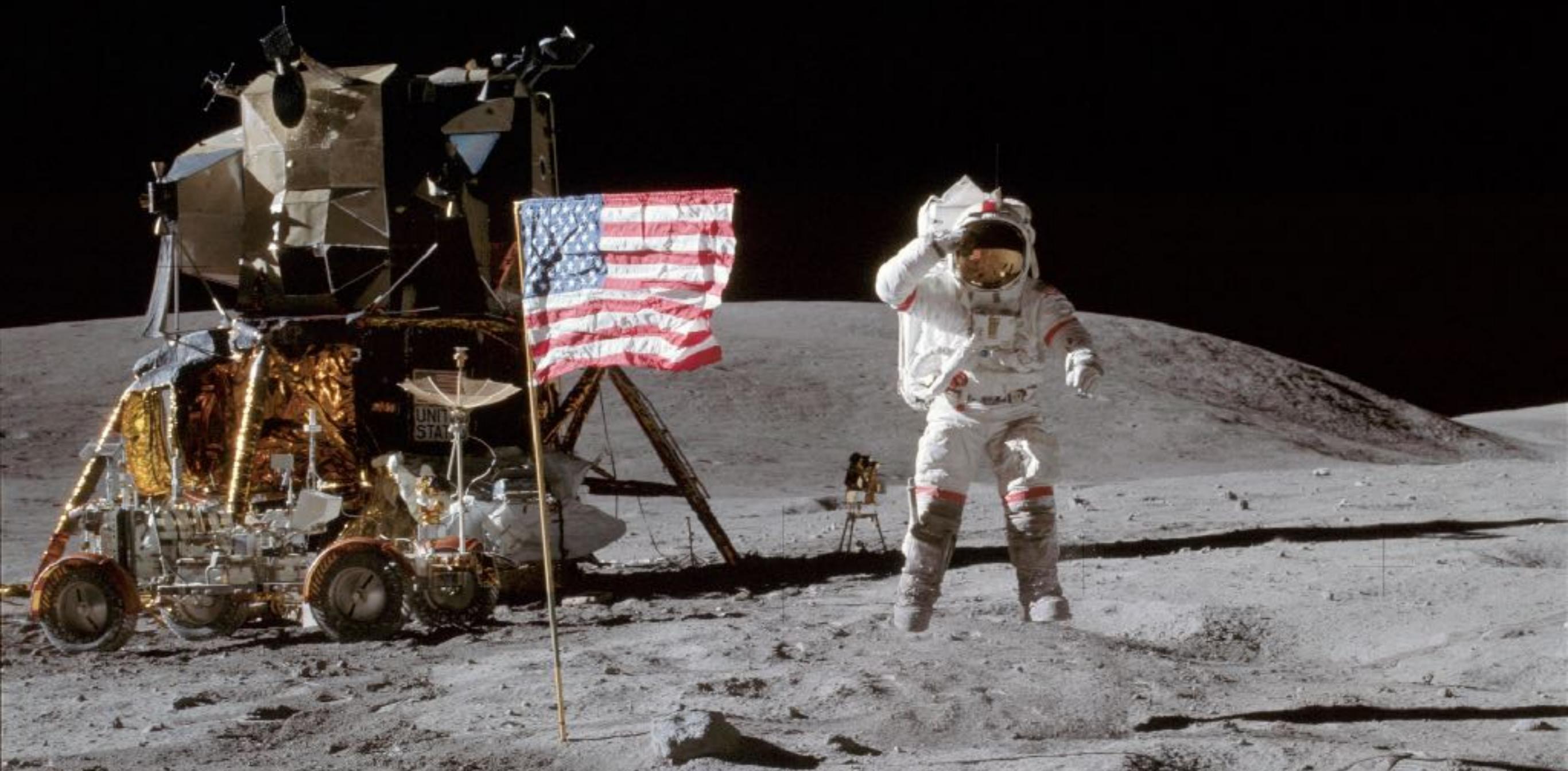


Open Source



Cross platform

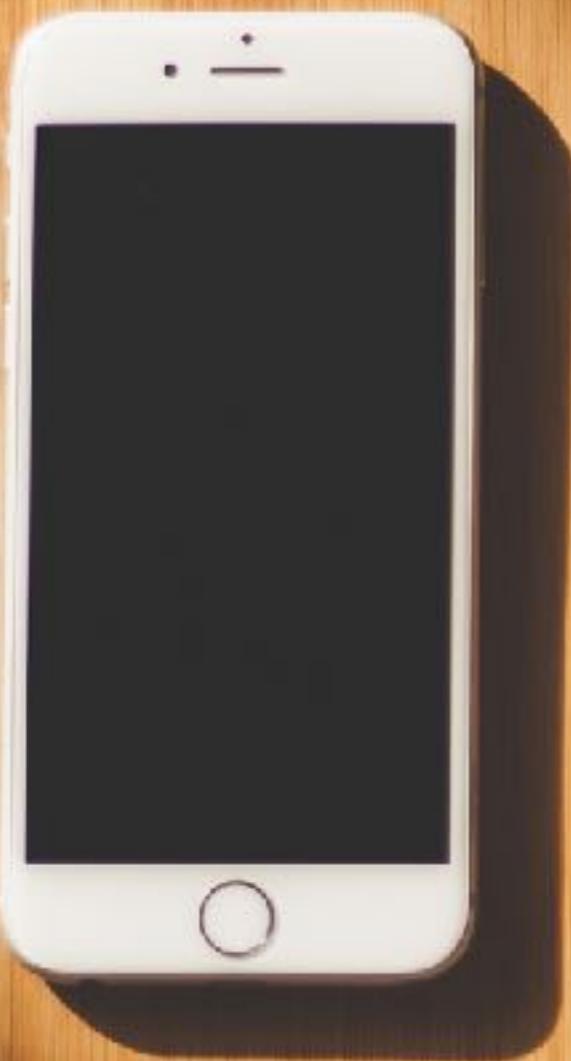
BE THE
FIRST





Make APIs
Universal

Not for
us?



A photograph of a scientist in a white lab coat and gloves, holding two small test tubes. The scientist is positioned on the right side of the frame, with their hands reaching towards the center. The background shows a laboratory setting with various pieces of equipment, including a large machine with a pink component on the left and a computer monitor on the right.

For Tests

And Mocks



From API Description To Tests & Mocks



@mittsh



The most advanced API tool for Mac

Paw is a powerful API development and testing tool for macOS. It features a clean, modern interface with a central workspace for managing API requests and responses.

Left Sidebar: Shows a navigation tree with sections like Sessions, Environments, Server (Production), Auth (Production), and various API endpoints under Teams and User.

Central Area: Displays two requests. The first request is "Sent List Teams" (GET /api/v3/teams/) with status 200 OK. The second request is "GET https://luckymarmot.com/api/v3/teams/" with status 200 OK.

Request Details: Headers tab shows an Authorization header with value "Auth token".

Response Details: Shows a JSON response structure for the teams endpoint. The root node has 1 item, which contains 13 items. Each item has an id (e.g., 5, 20707, 20592, 15894, 15396, 6408) and a name (e.g., Paw).

Environment Variables: A table showing variables grouped by server and authentication type. The "Auth" group contains "token" and "client_id".

Bottom Panel: Shows the command line interface with recent commands.

START HACKING



A - XKCD

[https://bit.ly/\[@TODO\]](https://bit.ly/[@TODO])

B - Instagram API
with the help of Paw

C - Integrate with Tests

D - Swift 4 +
JSONEncoder

E - JSON Schema Validation

Paw 

@mittsh

paw.cloud