



apidays
LIVE
PARIS
2020

iPaaS and API Management – When Do You Really Need an IpaaS?



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Agenda

1. APIs
2. iPaaS
3. When To Use What?





Architect
Entrepreneur
Biz friendly



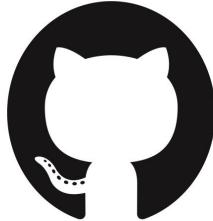
 /in/bertrandmasson/



Developer Advocate



/in/uhitzel



/u1i/slides



IBM



11:15 AM

Projects

- [Yoisho Open Banking Project](#)
- [Bambleweeny](#): A lightweight key-value store and message broker based on HTTP/REST
- [keiju](#) - Minimalist API Gateway in a ~25 MB Container.
- [samsa](#) converts between OpenAPI v2 and v3 formats (YAML/JSON)
- [majime](#) – Dead Simple API Unit Testing

Speaking Engagements – Slides

- [Redis Meetup Singapore](#) (April 2018)
- [PyCon Bangkok](#) (June 2018)
- [Stripe - API for Humans](#) (March 2019)
- [RedisConf San Francisco](#) (April 2019)

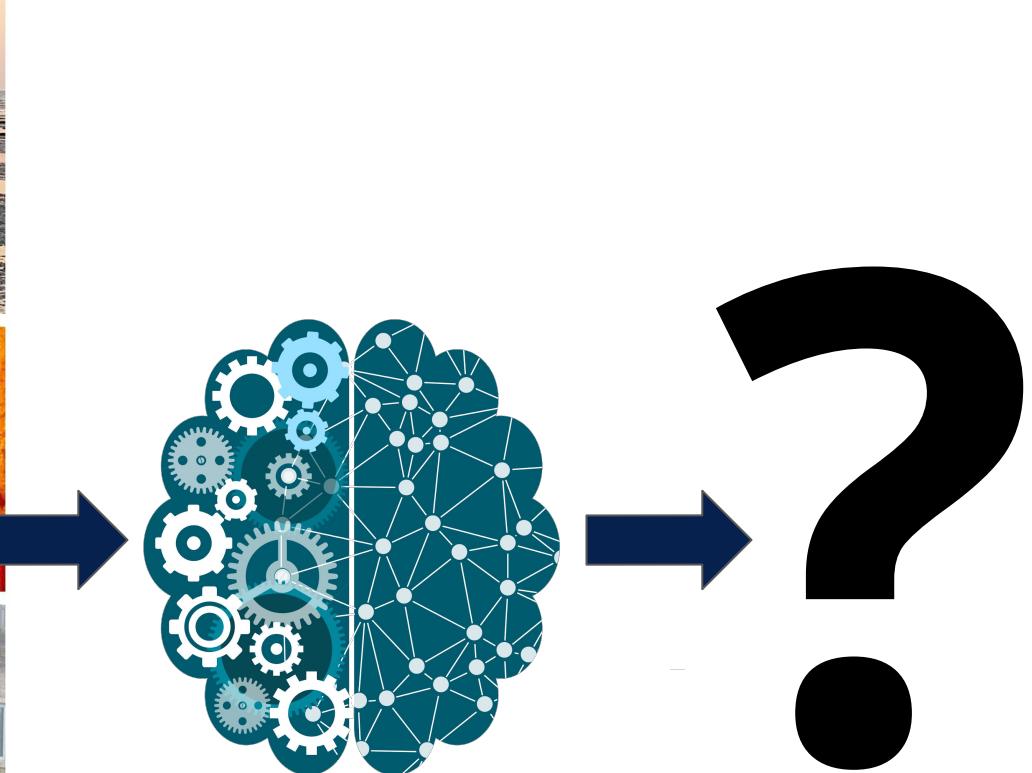
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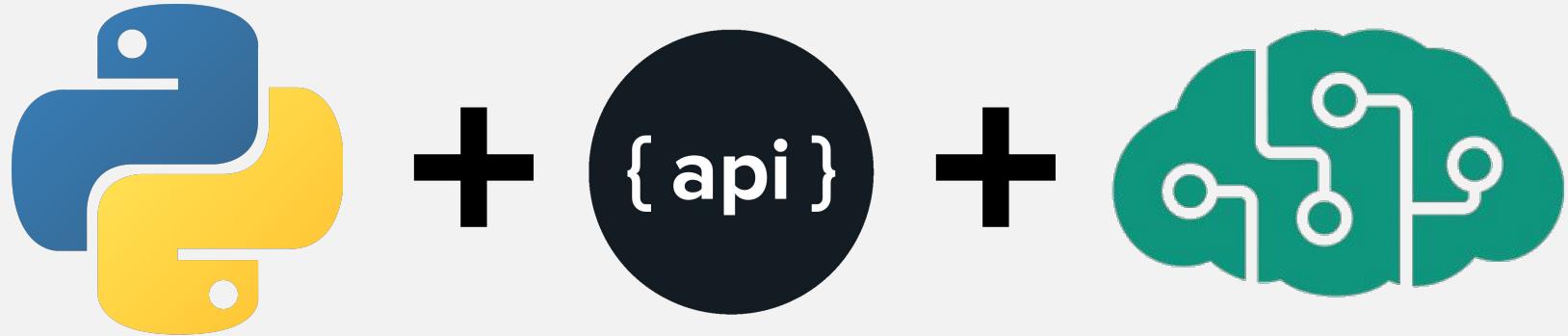


majime



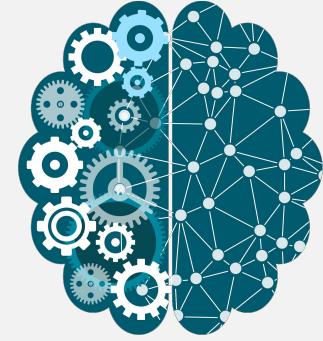
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weeny





Microsoft

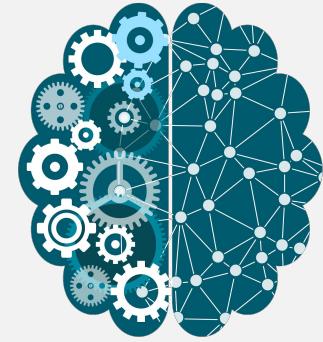
Cognitive Services



Text: "a close up of a pizza"

Confidence: 0.9246481371443355

Tags: "pizza" "food" "table" "sitting" "cheese" "plate" "top" "piece" "slice" "toppings" "close" "eaten" "sauce" "covered" "wooden" "large" "pepperoni" "white" "pan"



Text: "a bunch of bananas"

Confidence: 0.37608016747604295

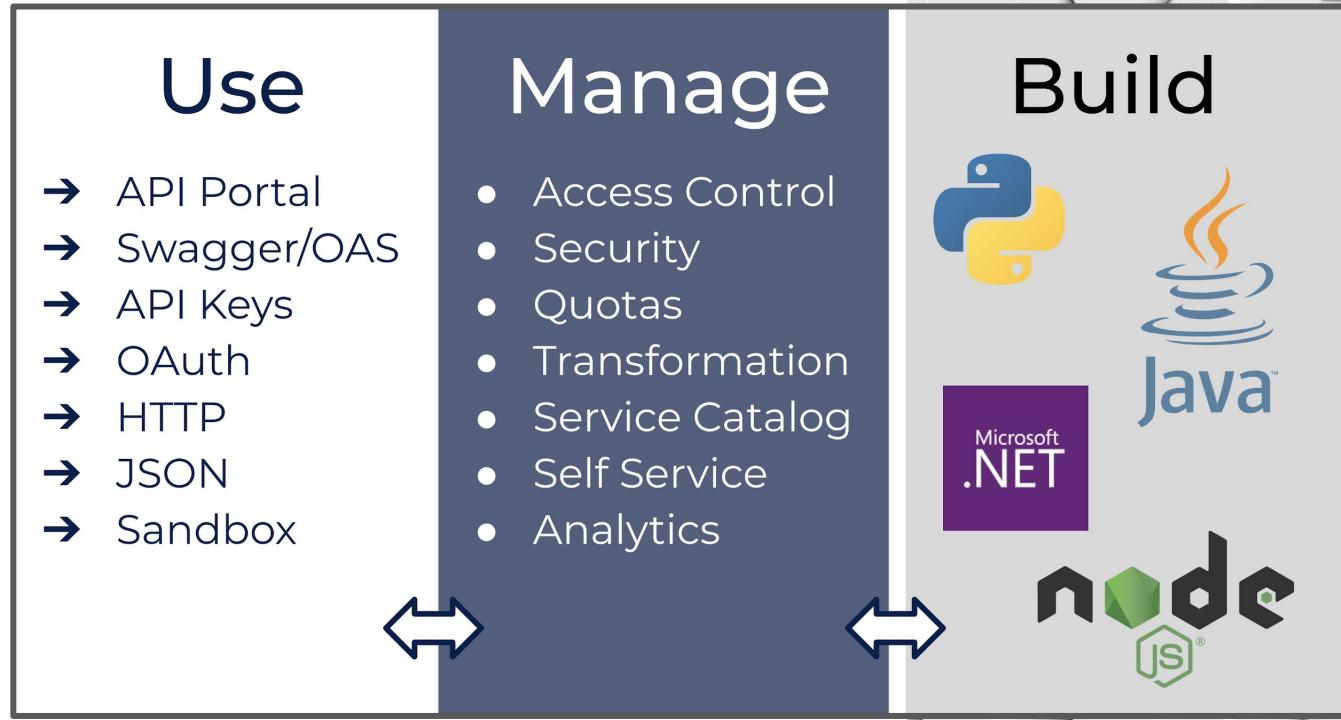
Tags: "animal" "covered" "sitting" "old" "side" "large" "water" "lot" "many" "top"
"table" "bunch" "street" "fire" "bird" "snow" "parking" "group" "river" "ocean" "field"

APIs

- APIs abstract something really complex
- Audience: Developers
- Quick Results
- Easy to use → More Users → More Sample Data → AI learns → Better Product



API Management



Flows

- Flows put Data & Events in movement
- Audience: Business
- Mid/Long term
- Easy to RE use → More Users
→ Platform Strategy → New revenues in Ecosystem Business



Connect



Transform





Orchestrate

iPaaS & API Management

- Contradiction in Terms?
- Differences?
- Any Common Points?



Target Users

APIM is for Developers → Accelerate IT Transformation

- Normalize access to others' data and others' complexity
- LOGIC IS A DEVELOPMENT

iPaaS is for Citizen Developers → Accelerate Business Transformation

- Compose things, apps and people together in workflows
- LOGIC IS A FRAMEWORK (hence low code)

Functions Covered

APIM is mainly API EXPOSITION

iPaaS is mainly DATA & EVENTS ORCHESTRATION

But...

- Transformation might be managed by API Composition or via iPaaS mapping
- Direct consumption of a third party in a development may not always be
 - The best solution
 - Possible
- Other example?

Common Objectives

APIM & iPaaS enable :

- Free Data and Functions
- Self-service Information Systems
- Platformization of IT

Most important for Enterprise : both accelerate transformation

- IT Innovation / : Things, Clouds, Third-Party assets
- New business models adoption : composable economy

When & How We Work

Exposition : in a dev, in a portal

Direct Consumption

Composition

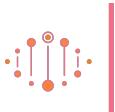
Customers : Developers vs. Citizen Dev (business requirements)

Functions : EXPOSITION / COMPOSITION

HOW : CODE vs LOW CODE

Your Turn!

- **Try AMPLIFY iPaaS for free:**
<https://bit.ly/axwayipaas>
- **CONNECT :**with the
presenters on LinkedIn
- **Stay Tuned:** Many exciting
sessions at API Days!



Ptah Consulting

