Well Crafted API Models: Key to Streamlining Workflows

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Melbourne, September 2019

axway

Developer Advocate

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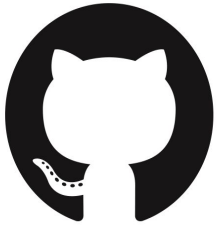

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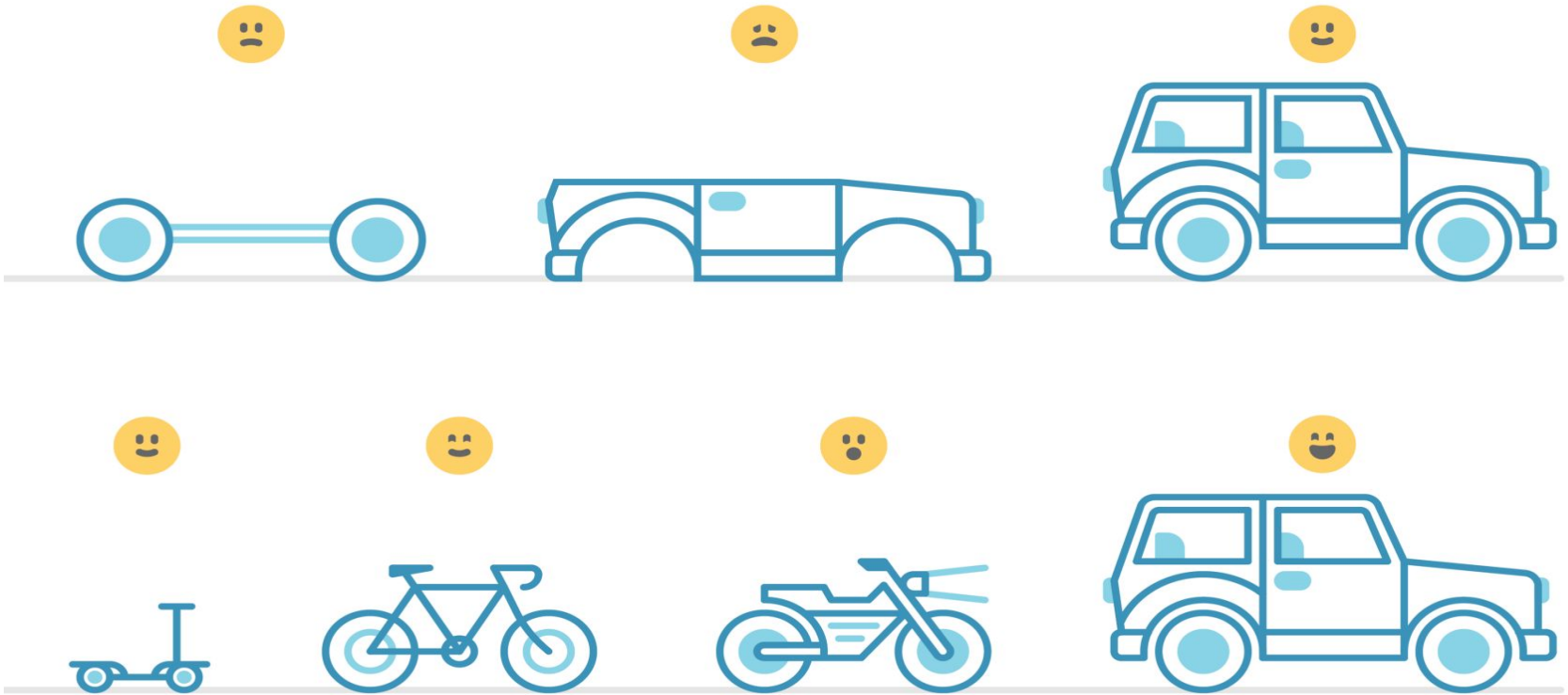
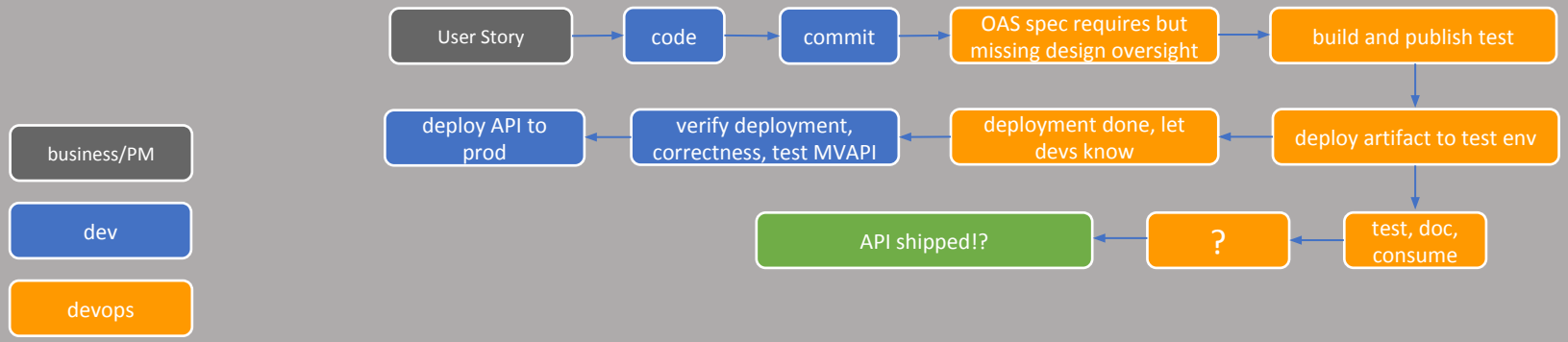
CAN YOU FIND THE $1,000 TREASURE?

axway

See us at the Axway Booth for the First Clue!



Before



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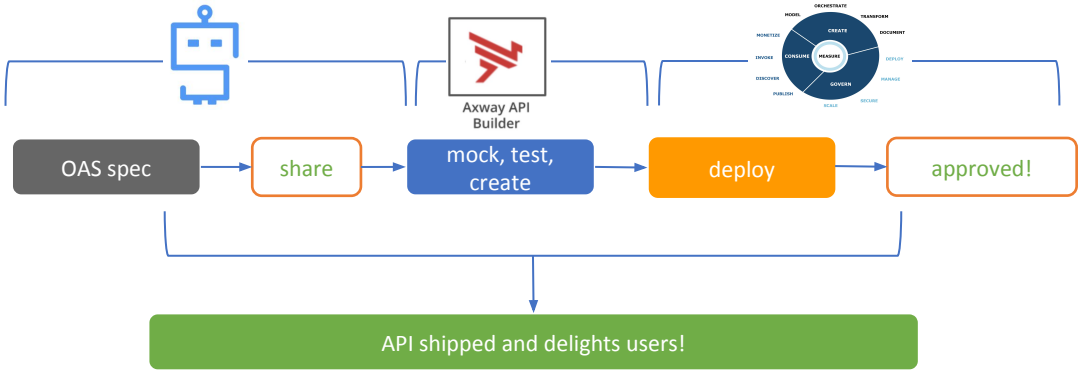
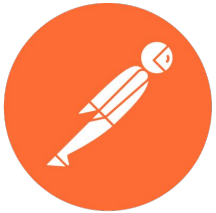


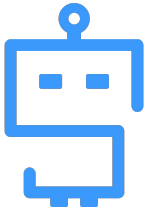
```yaml
swagger: "2.0"
info:
  description: "This is a sample serv
    out more about     Swagger at [ht
    or on [irc.freenode.net, #swagger
    this sample, you can use the api
    authorization     filters."
  version: "1.0.0"
  title: "Swagger Petstore"
  termsOfService: "http://swagger.io/
  contact:
    email: "apiteam@swagger.io"
  license:
    name: "Apache 2.0"
    url: "http://www.apache.org/licen
host: "petstore.swagger.io"
basePath: "/v2"
tags:
- name: "pet"
  description: "Everything about your
  externalDocs:
    description: "Find out more"
    url: "http://swagger.io"
- name: "store"
  description: "Access to Petstore or
- name: "user"
  description: "Operations about user
  externalDocs:
    description: "Find out more about
    url: "http://swagger.io"
```

Design First

1

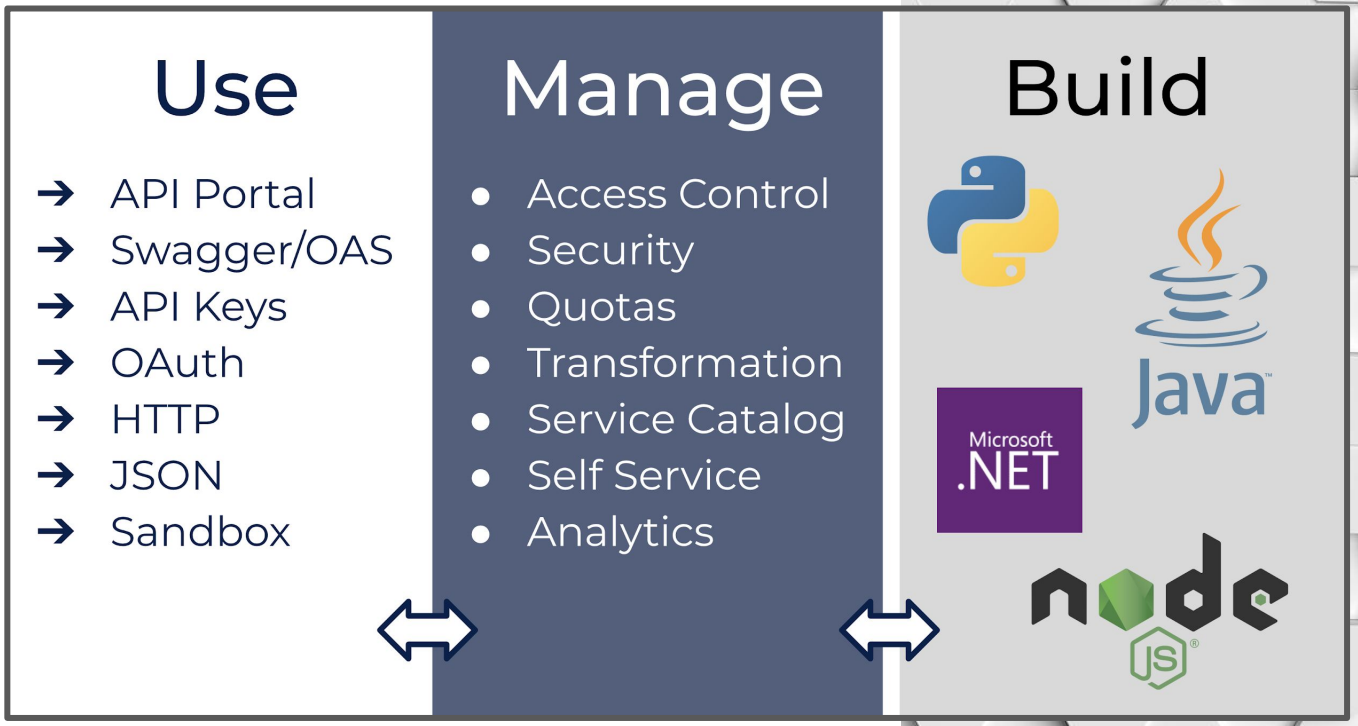
- What can I do?
- What do I get?
- Data Models
- Authentication
- License





Divide & Conquer

2



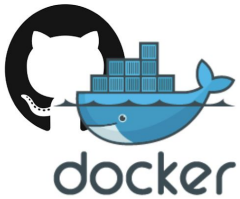
Interoperability & DevOps

3

Axway API Builder

Create API using API Builder

Create



Build with Git and Docker Hub

Build

Run API on OpenShift

Deploy

Axway API Central

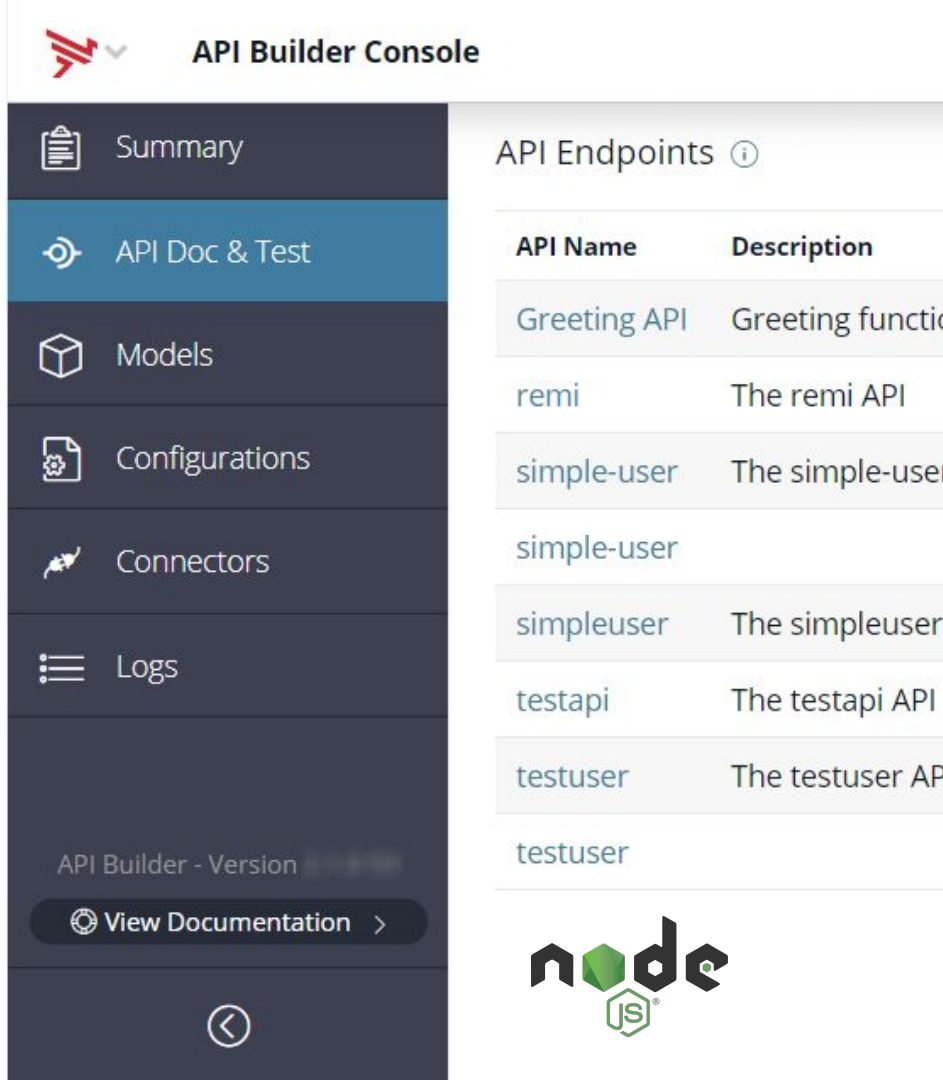
Manage & Consume with API Central

Manage

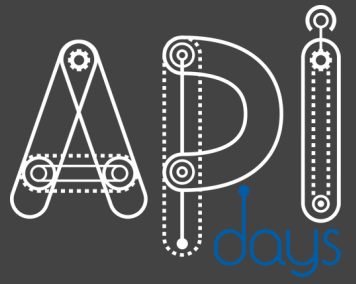
API Builder

- Easily create data models & API endpoints
- GUI runs on your laptop
- Connectors to databases, systems & web services
- Advanced logic & composite APIs
- Graphical flow editor – no/low coding!
- Produces Docker Images

Windows macOS

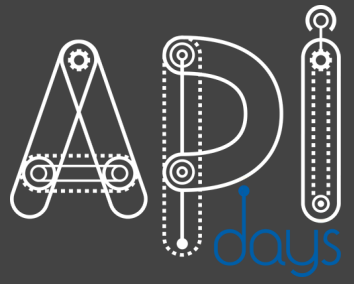


Before



- Inconsistencies across the Specification
- All Downstream Activities affected
- Stakeholder Feedback not considered
- Customizations & 3rd Part Issues

After



- Consistency and automated API Governance using the spec as source
- Stakeholders feedback within design
- Downstream activities accelerated for faster API consumption, business results

Let’s create APIs!