

# Well Crafted API Models: Key to Streamlining Workflows

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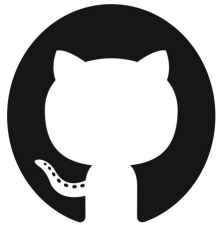




# Developer Advocate



/in/uhitzel



/u1i/slides

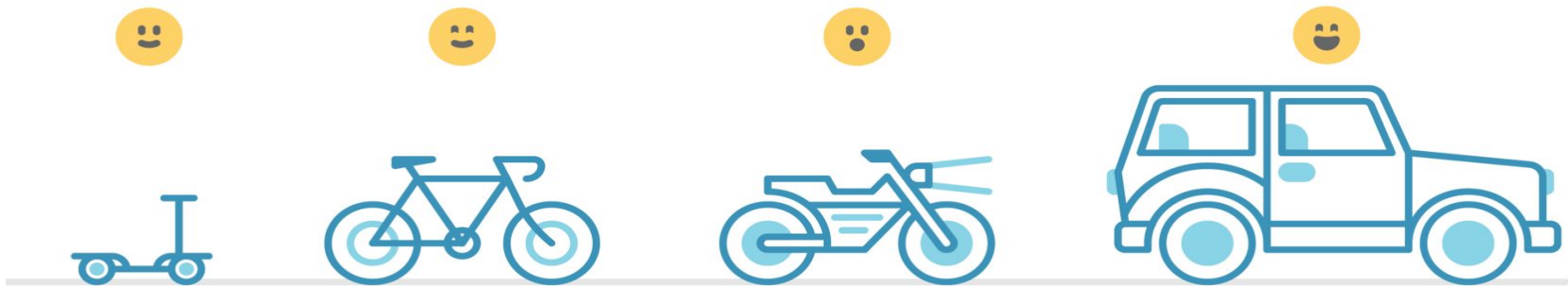
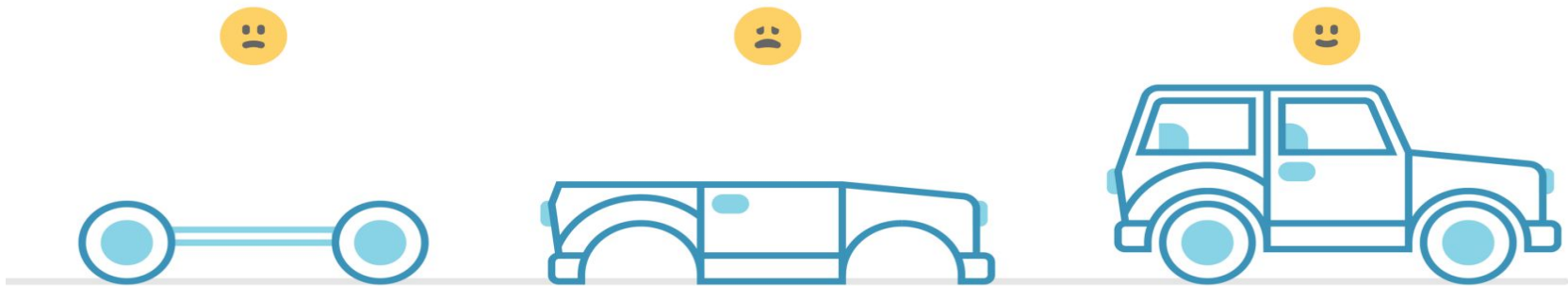


# CAN YOU FIND THE \$1,000 TREASURE?

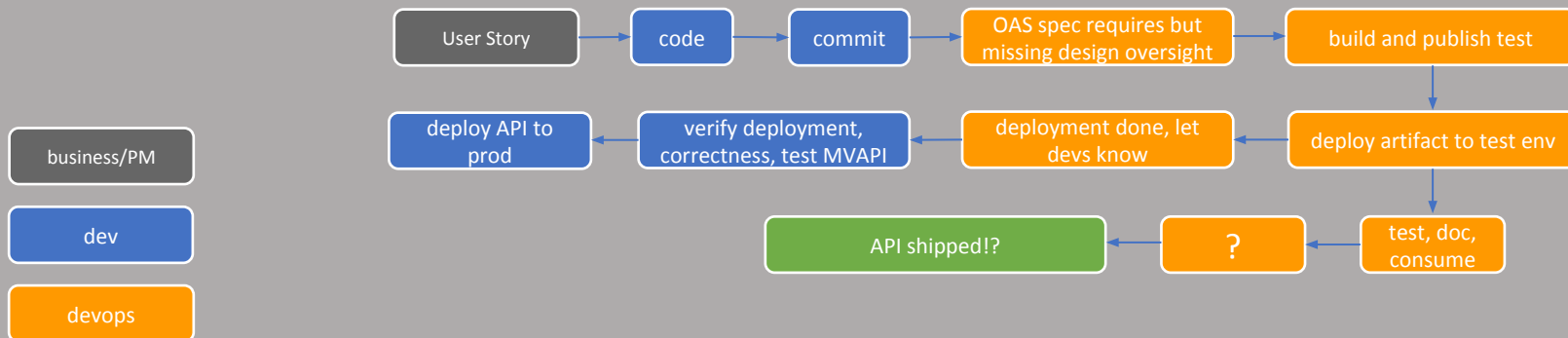


See us at the Axway  
Booth for the First Clue!

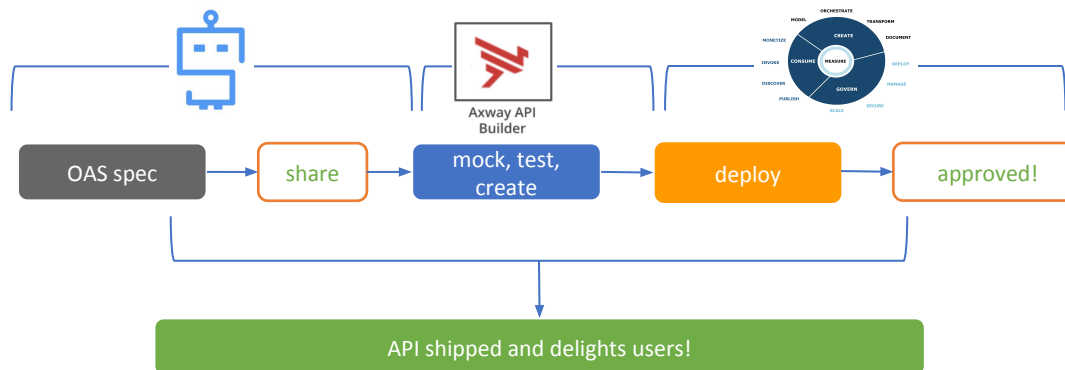




# Before



# After



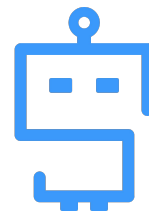


```
1 swagger: "2.0"
2 info:
3   description: "This is a sample server
4     out more about Swagger at [http://swagger.io]
5     or on [irc.freenode.net, #swagger]
6     this sample, you can use the api to
7     authorization filters."
8   version: "1.0.0"
9   title: "Swagger Petstore"
10  termsOfService: "http://swagger.io/terms/"
11  contact:
12    email: "apiteam@swagger.io"
13  license:
14    name: "Apache 2.0"
15    url: "http://www.apache.org/licenses/LICENSE-2.0.html"
16  host: "petstore.swagger.io"
17  basePath: "/v2"
18  tags:
19    - name: "pet"
20      description: "Everything about your
21        externalDocs:
22          description: "Find out more"
23          url: "http://swagger.io"
24    - name: "store"
25      description: "Access to Petstore orders"
26    - name: "user"
27      description: "Operations about user"
28      externalDocs:
29        description: "Find out more about user"
30        url: "http://swagger.io"
31  securityDefinitions:
32    api_key:
33      type: "apiKey"
34      name: "api_key"
35      in: "header"
36  security:
37    - api_key
```

# Design First

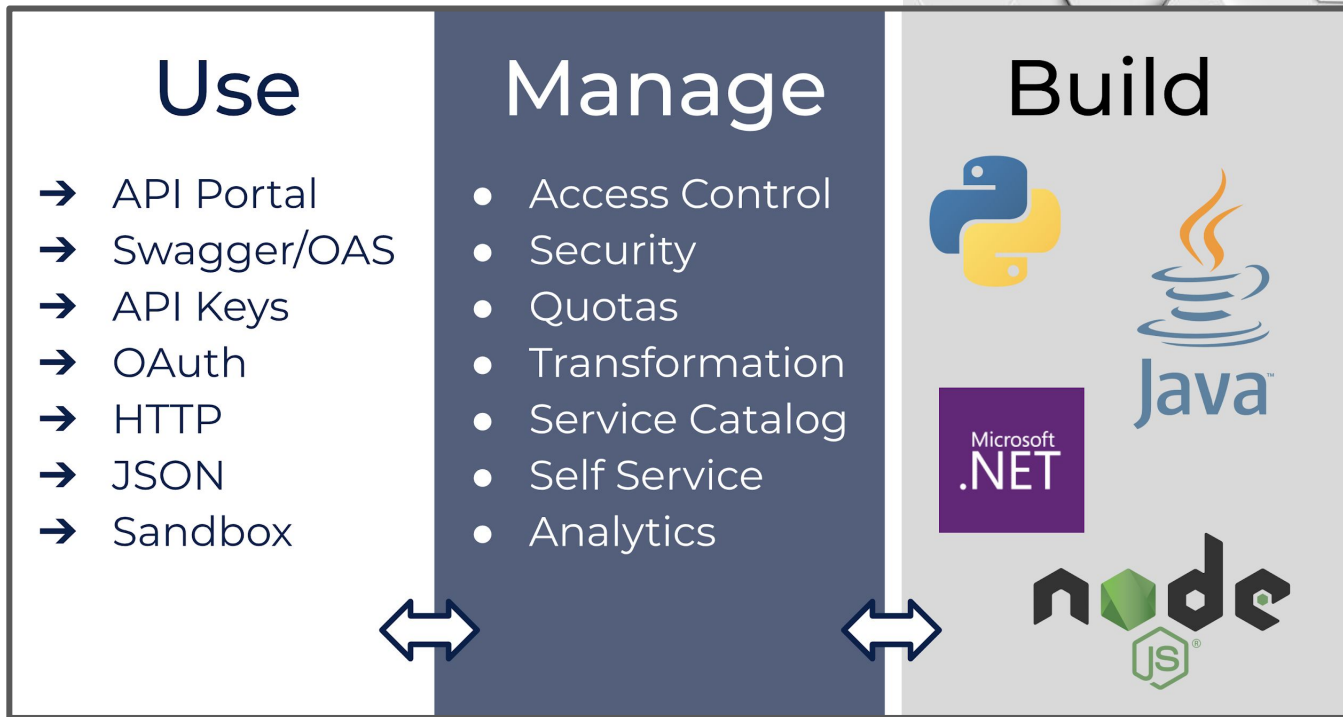


- What can I do?
- What do I get?
- Data Models
- Authentication
- License



# Divide & Conquer

2



# Interoperability & DevOps

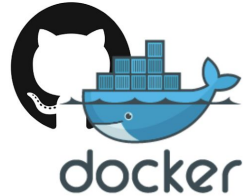
3



Axway API  
Builder

Create API  
using  
API Builder

Create



Build with  
Git and  
Docker Hub

Build



OPENSIFT

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





API Builder Console


Summary

API Doc & Test


Models

Configurations

Connectors


Logs

API Builder - Version 1.0.0

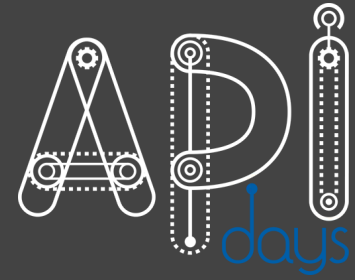
View Documentation >

API Endpoints ⓘ

API Name	Description
Greeting API	Greeting function
remi	The remi API
simple-user	The simple-user API
simple-user	
simpleuser	The simpleuser API
testapi	The testapi API
testuser	The testuser API
testuser	

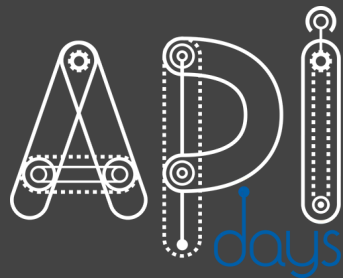


# Before



- 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!**