Sean Park

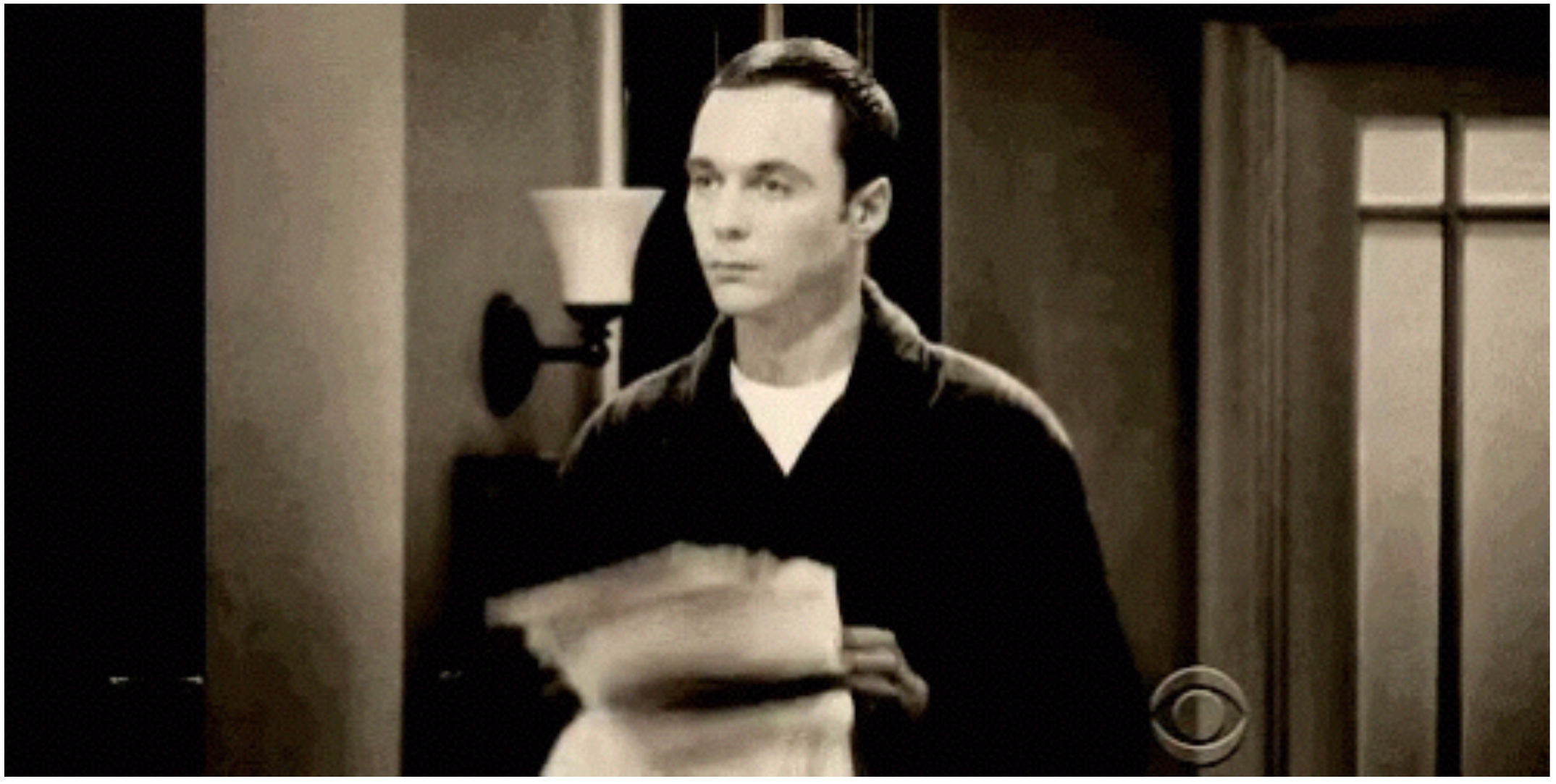
What is Swagger

- What is Swagger?

- The goal of Swagger™ is to define a standard, language-agnostic interface to REST APIs which allows both humans and computers to discover and understand the capabilities of the service without access to source code, documentation, or through network traffic inspection. When properly defined via Swagger, a consumer can understand and interact with the remote service with a minimal amount of implementation logic. Similar to what interfaces have done for lower-level programming, Swagger removes the guesswork in calling the service.

- Technically speaking - Swagger is a formal specification surrounded by a large ecosystem of tools, which includes everything from front-end user interfaces, low-level code libraries and commercial API management solutions.

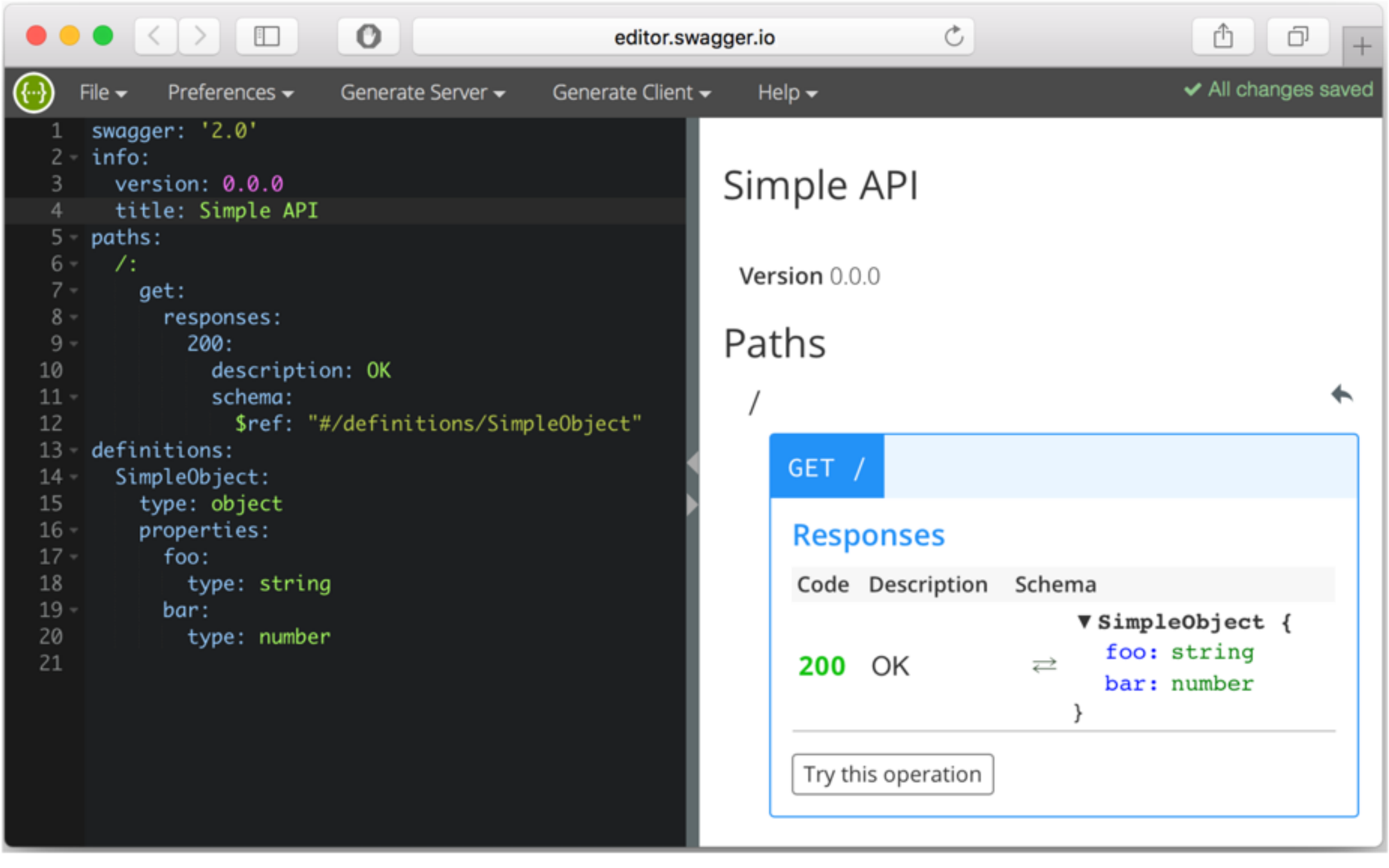
- http://swagger.io/getting-started/



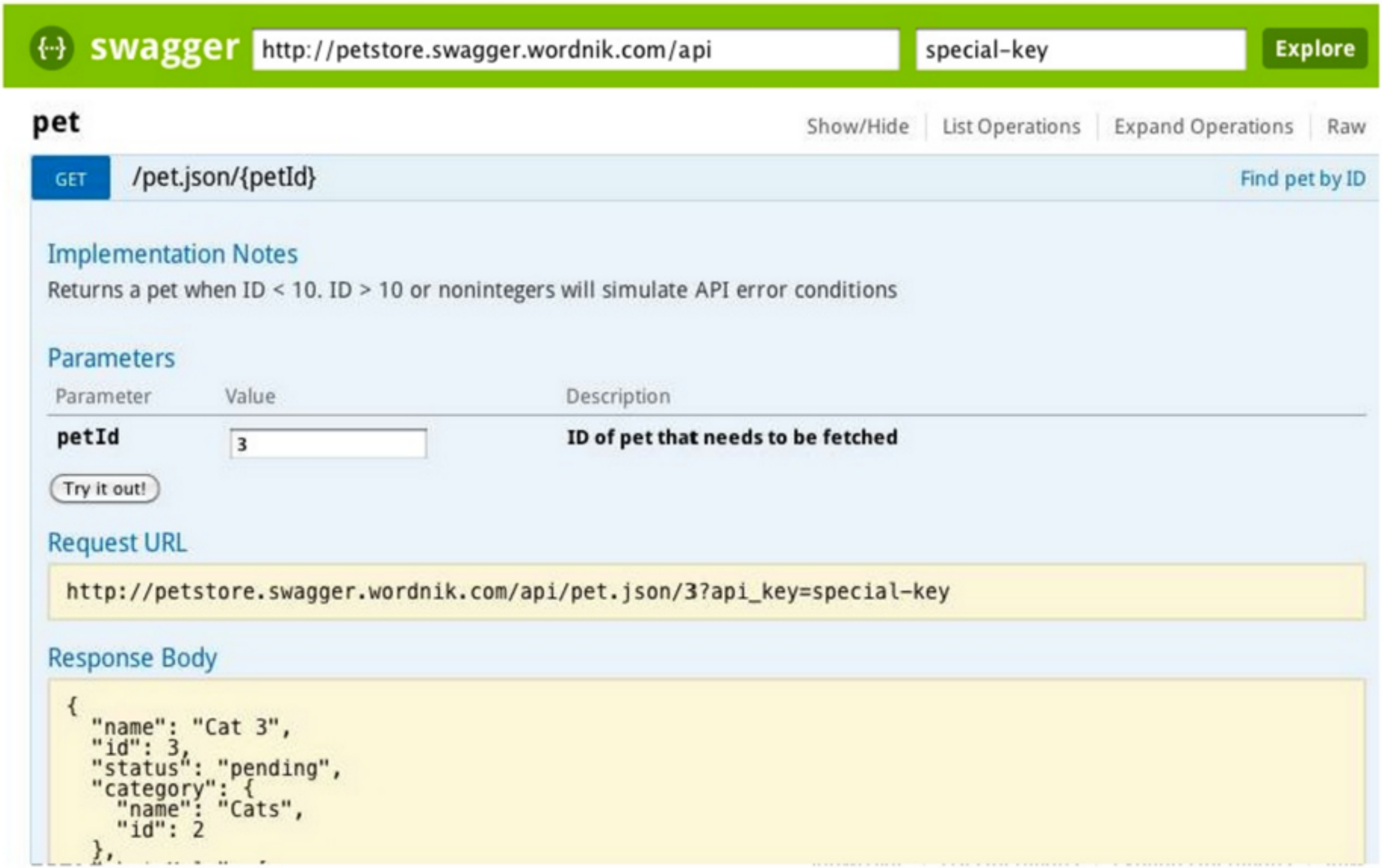
Swagger tools

- Swagger Editor
- Swagger UI
- Swagger Generator

Swagger Editor

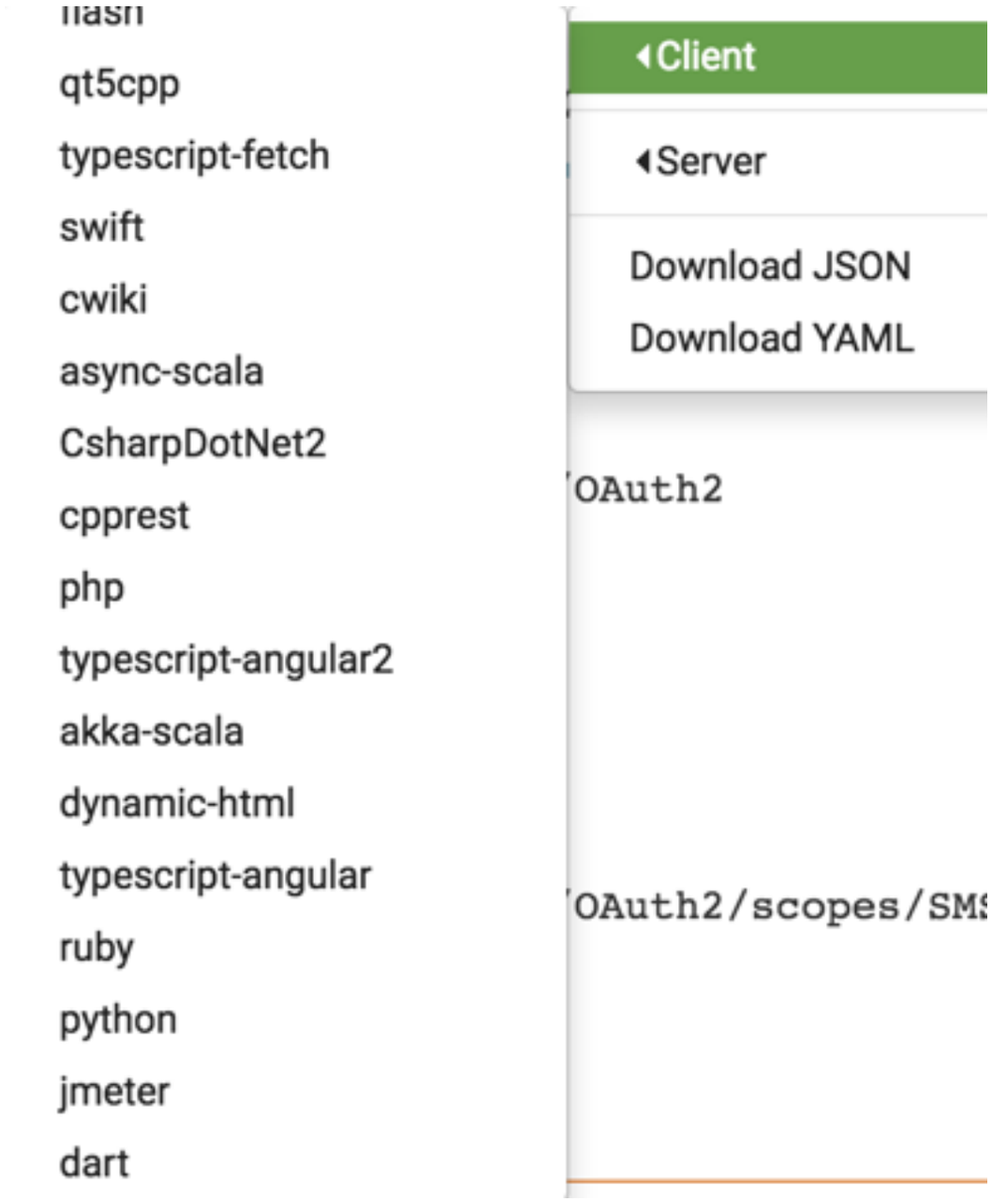


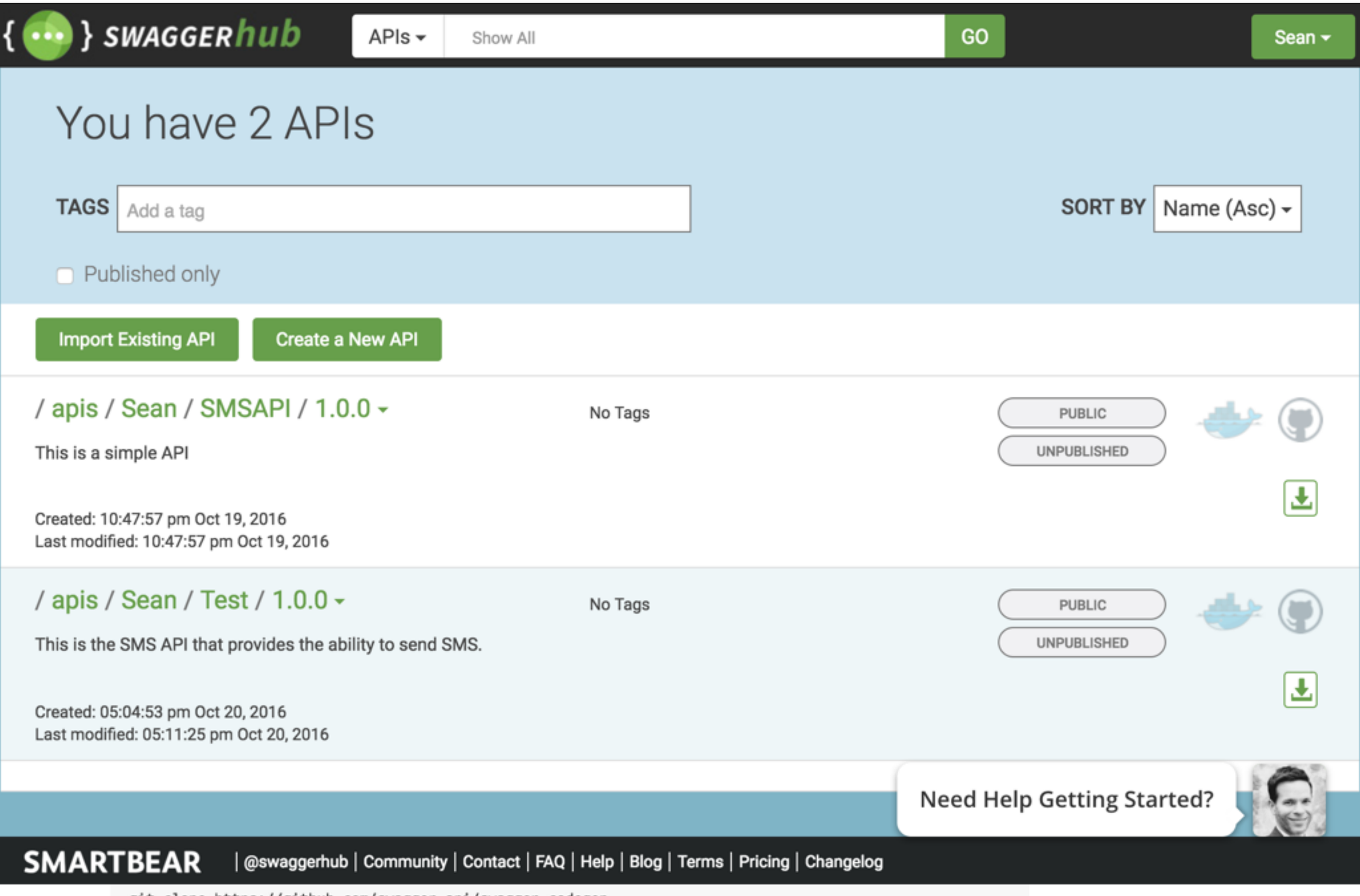
Swagger UI


swagger
http://petstore.swagger.wordnik.com/api
special-key
Explore
pet
Show/Hide
List Operations
Expand Operations
Raw
GET
/pet.json/{petId}
Find pet by ID
Implementation Notes
Returns a pet when ID < 10. ID > 10 or nonintegers will simulate API error conditions
Parameters
Parameter
Value
Description
petId
3
ID of pet that needs to be fetched
Try it out!
Request URL
http://petstore.swagger.wordnik.com/api/pet.json/3?api_key=special-key
Response Body
{
"name": "Cat 3",
"id": 3,
"status": "pending",
"category": {
"name": "Cats",
"id": 2
},

Swagger Generator

- Client
- Server
- Test Framework (rspec etc)






```
git clone https://github.com/swagger-api/swagger-codegen
```

FREE*

PER MONTH

1,000 SMS

SMS A

SMS API

The SMS API allows you to send messages to Australian mobiles

- Your quota will be reset on the last day of the calendar month.

Get your API Key >

L

10,000 SMS

an numbers only
ota will be reset
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r month.

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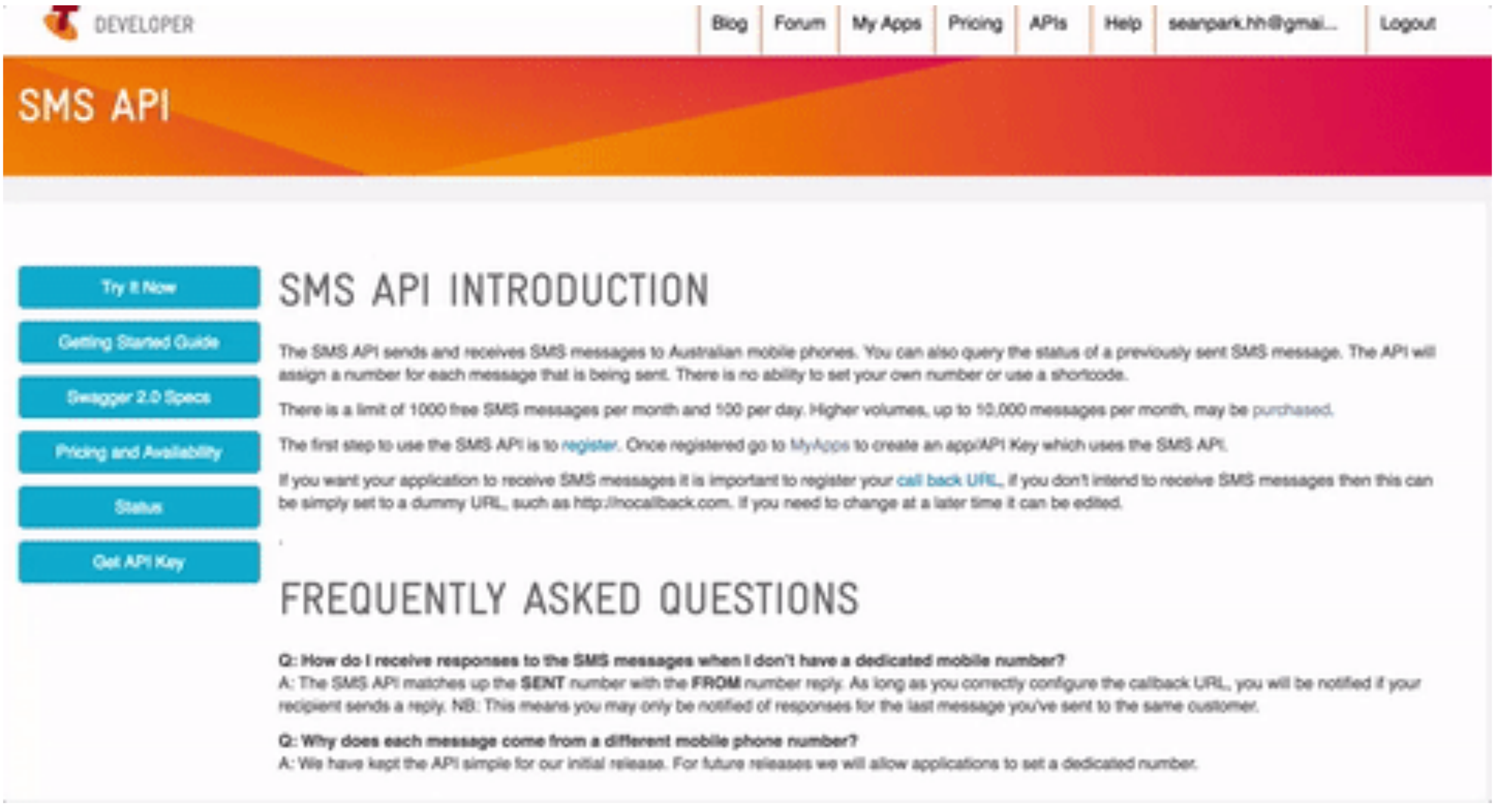
Telstra Developer site



DEMO:

Telstra SMSAPI

https://app.swaggerhub.com/api/Sean/Test/1.0.0

Who Got Swagger?

Microsoft Azure

IBM

amazon.com

SMARTBEAR

apigee

3scale

akana
Powering the API Economy
formerly SOA software

WSO2

intuit

Capital One

workday

orange

NETFLIX

New Relic

yelp

KIXEYE

http://seanpark.github.com/swagger_introduction

Question?

Thank You