REST API Design, Development & Management

raj@acloudfan.com

@acloudfan

http://ACloudFan.com

Discount Coupon Links to UDEMY courses:

https://www.udemy.com/hyperledger/?couponCode=DKHLF1099

https://www.udemy.com/ethereum-dapp/?couponCode=DKETH1099

https://www.udemy.com/rest-api/?couponCode=DKRST1099

mentoring, seeking Blockchain part time work, project guidance, advice … …
http://www.bcmentors.com

This deck is part of a online course on Summary of a course that covers the A to Z of RESTful API. More information.

Swagger 2.0 / OAI

REST API Design, Development & Management

http://www.acloudfan.com

raj@acloudfan.com

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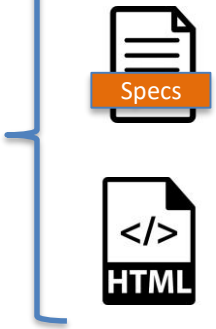
Contract creation approach

raj@acloudfan.com
http://www.acloudfan.com

Contract Last

API Developer



Contract First

API Developer

Adopt the **Contract First** approach for REST API design & development

raj@acloudfan.com
http://www.acloudfan.com

Swagger 2.0 Specification

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raj@acloudfan.com

Parts of a course that covers the A to Z of RESTful API. More information.

UDEMY Link With Coupon Discount

Standard to describe RESTful API

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Benefits

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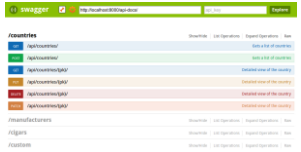

Developer documentation

Automated Proxy Creation
Server code generation

Client code generation

Service virtualization (Mocking)

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- De-facto standard supported by multiple vendors

apigee

MASHERY

LAYER 7 TECHNOLOGIES

- Vibrant community

https://github.com/swagger-api

swagger: ‘2.0’

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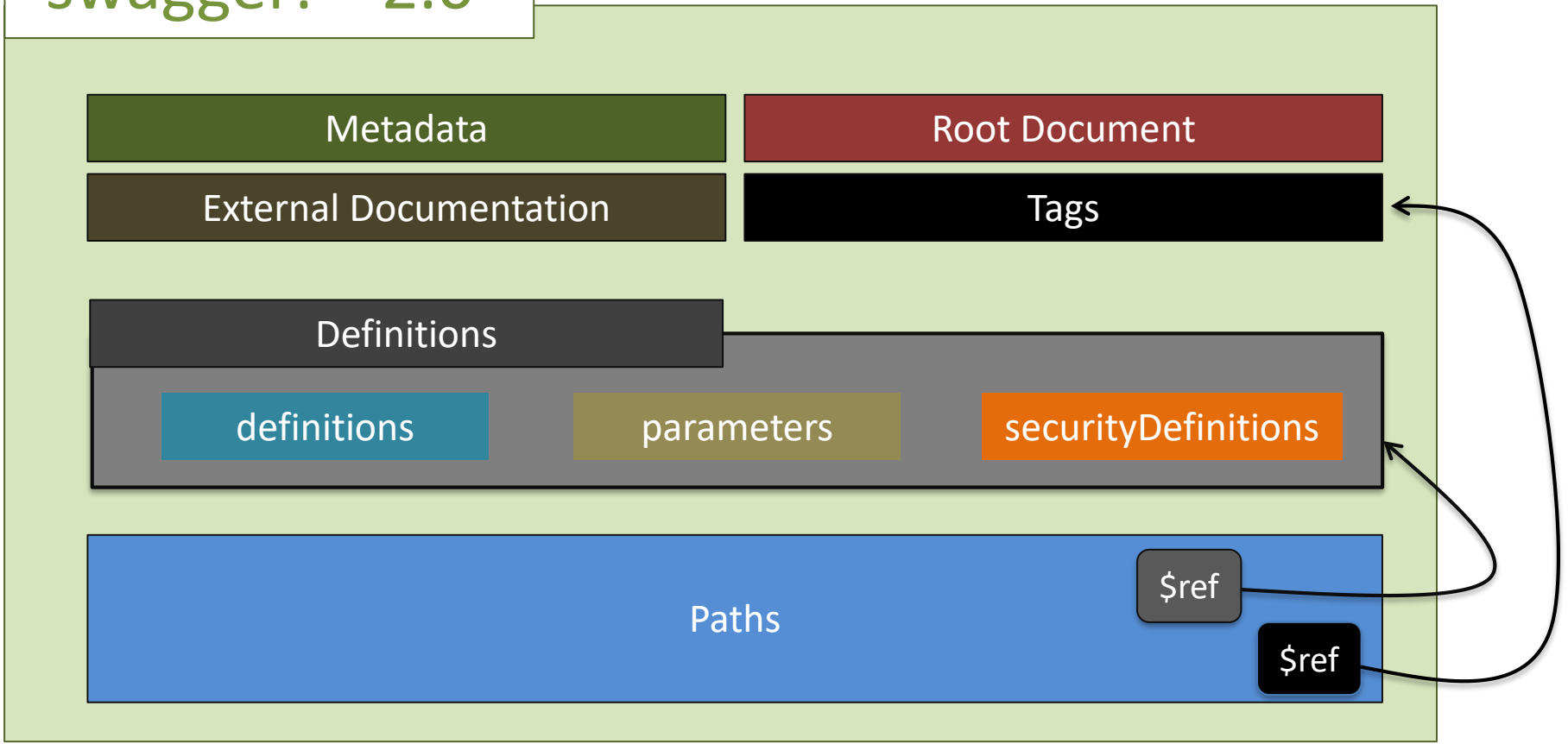

metadata

raj@acloudfan.com
http://www.acloudfan.com

info

- Version
- Title
- description

contact

- name
- url
- email

license

- name
- url

Definitions

raj@acloudfan.com
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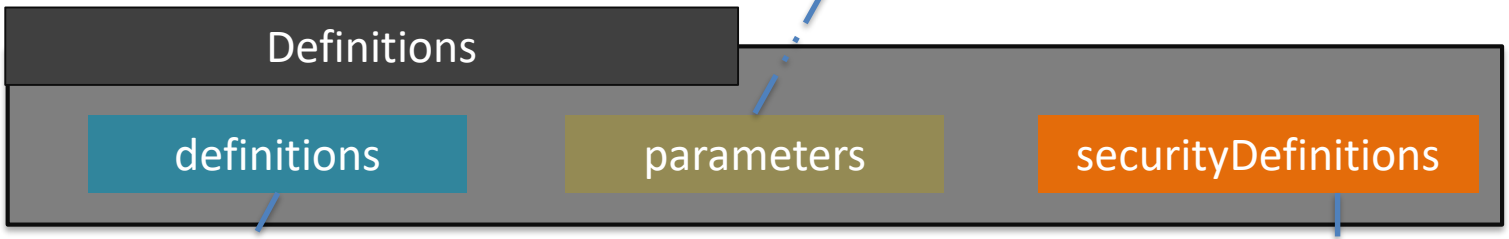
Request/Input schema:

$ref : "#/parameters" in operation parameters



Request/Response schema:

$ref : "#/definitions" from operation

Security schema:

security: from the operation

paths

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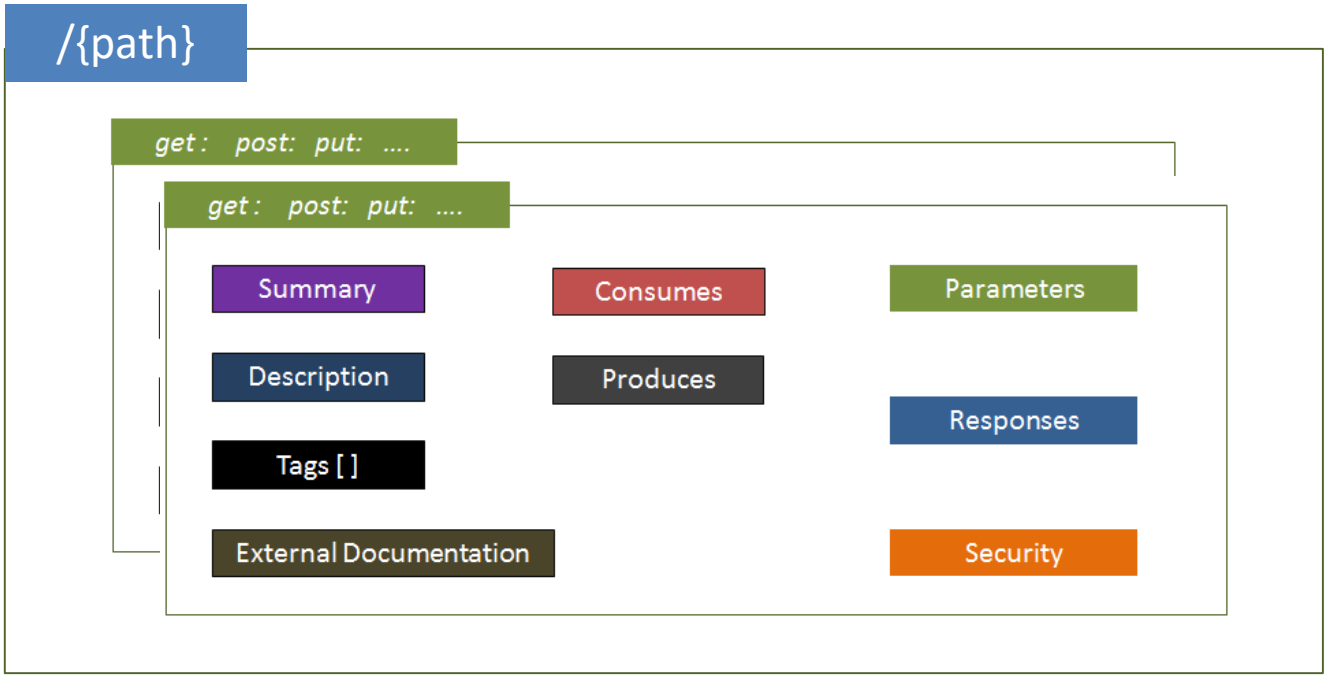
- Multiple path definitions
- Each path can have multiple operations



Editor tool

raj@acloudfan.com
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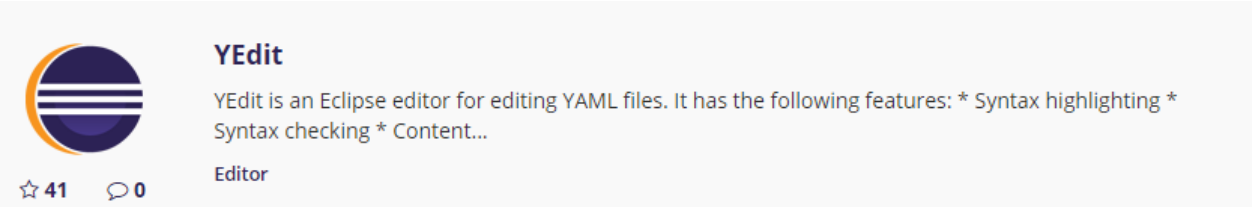
1. Any YML Editor is OK



2. Online editor http://editor.swagger.io

3. Node tools