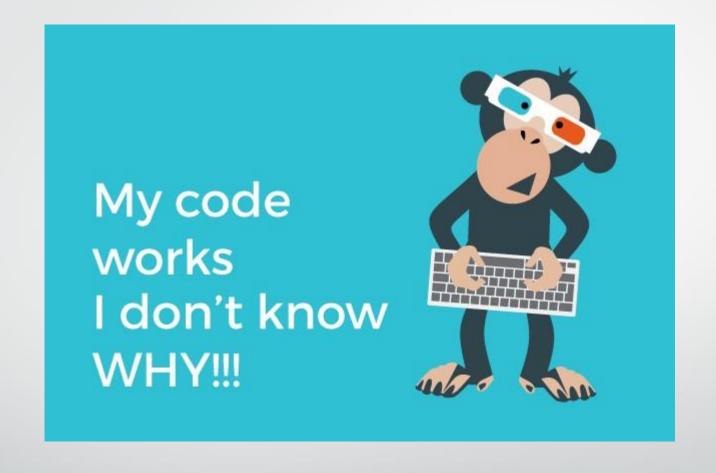
JSON API Document MangoDB

ดร.ชัยวัฒน์ ศิระวัฒนานนท์

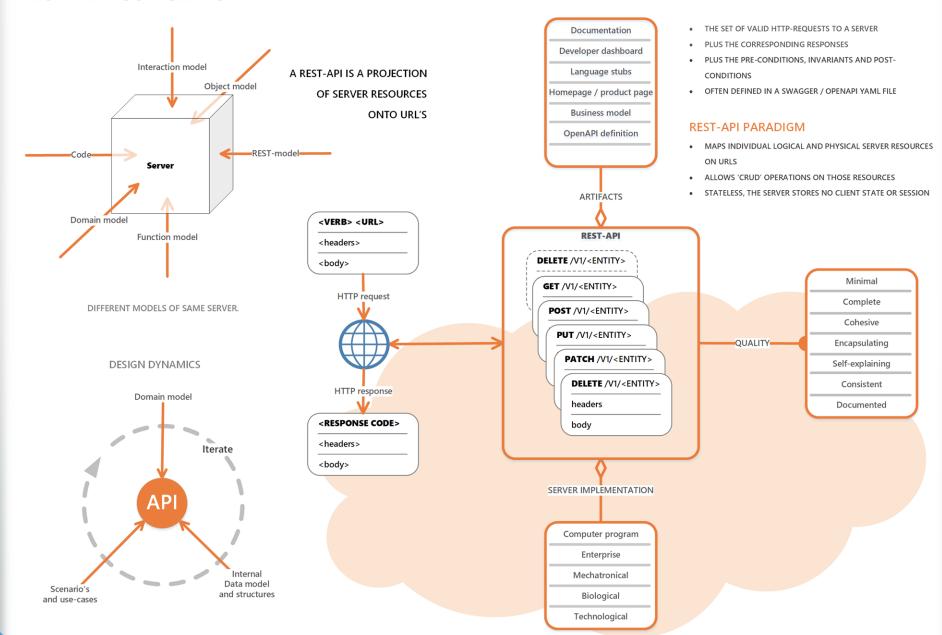
01204271 วิศวกรรมคอมพิวเตอร์เบื้องต้น
มหาวิทยาลัยเกษตรศาสตร์ วิทยาเขตเฉลิมพระเกียรติ จังหวัดสกลนคร
คณะวิทยาศาสตร์และวิศวกรรมศาสตร์ สาขาวิศวกรรมคอมพิวเตอร์



HTTP Verbs	APIURL	Remark
GET	/api/users	get a list of users
POST	/api/users	post/add a new user
GET	/api/user/{id}	get a single user
PUT	/api/user/{id}	replace user
DELETE	/api/user/{id}	delete user

REST-API CONCEPTS

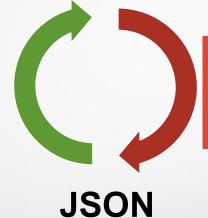
REST-API DEFINITION



JavaScript Object

let myProfile = {id: 001, name: "John Smith", age: 27}

JSON.parse(myProfile);



JSON.stringify(myProfile);

{"id": "001", "name": "John Smith", "age": "27"}



คือ ข้อความที่เป็นฟอร์แมตมาตราฐาน ใช้ในการส่งข้อมูลระหว่างแอปพลิเคชัน โดยฟอร์แมตจะมีรูปแบบเป็น คู่ Key-Value

ประเภทของ JSON

- Number
- String
- Boolean
- Array
- Object
- Null

ตัวอย่าง JSON

```
"firstName": "John",
                                                             = (String)
                                         firstName
"lastName": "Smith",
"isAlive": true,
"age": 27,
"address": {
                                         lastName
                                                                (String)
 "streetAddress": "21 2nd Street",
 "city": "New York",
 "state": "NY",
                                                             = (Boolean)
                                         isAlive
 "postalCode": "10021-3100"
"phoneNumbers": [
                                                                 (Int)
                                         age
   "type": "home",
   "number": "212 555-1234"
                                         address
                                                                (Object)
 },
   "type": "office",
                                         phoneNumbers = (Array)
   "number": "646 555-4567"
   "type": "mobile",
                                         children
                                                              = (Null Array)
   "number": "123 456-7890"
                                                                  (null)
                                         spouse
"children": [],
"spouse": null
```



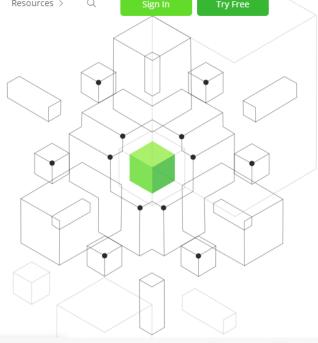
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Tools >

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Design

Design and model APIs according to specificationbased standards



{ Build }

Build stable, reusable code for your API in almost any



Document

Improve developer experience with interactive API documentation



Test

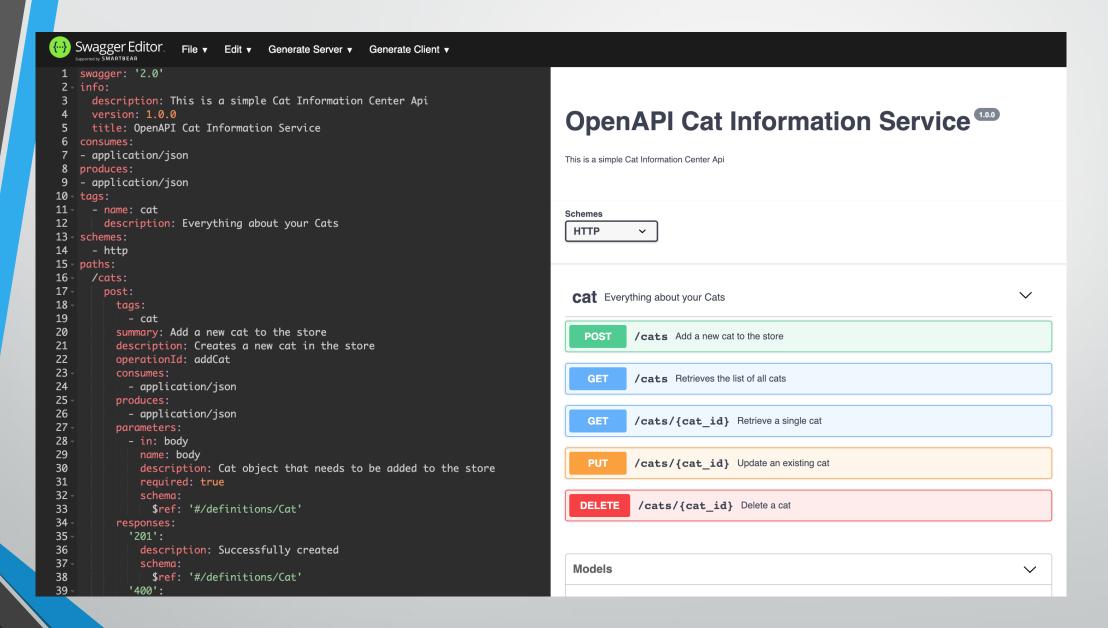
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Standardize

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https://swagger.io





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