

# DATA REGRESSING

## WHAT

NORMALIZE

PREDICTABLE

MAYBE RELATIONSHIPS

STABLE SHAPE

## WHY

SAFETY

SCALABILITY

EFFICIENCY

## HOW

SCHEMA

VALIDATION

FAST

\* DOCUMENT DB  $\Rightarrow$  JSON

# INTERFACE

LET X = NEW Thing()  
Y = NEW SOMETHINGELSE()

---

- SAVE()
- CREATE()
- GET()
- UPDATE()
- DELETE()

# REST

"API"

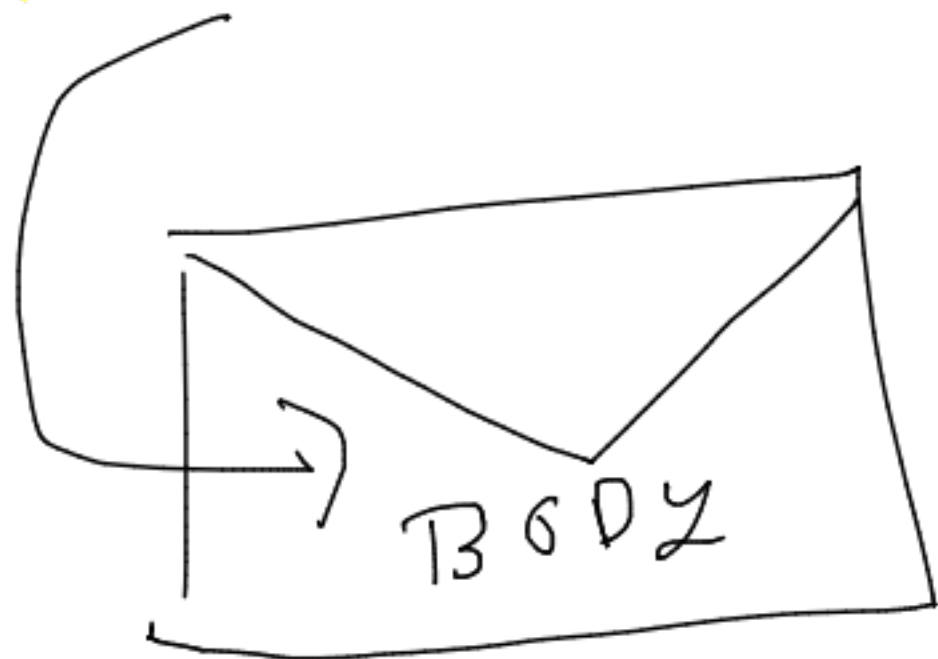
CREATE  
READ  
UPDATE  
DELETE

HTTP = STATELESS

GET

POST

GET  
POST  
PUT  
PATCH  
DELETE  
DESTROY



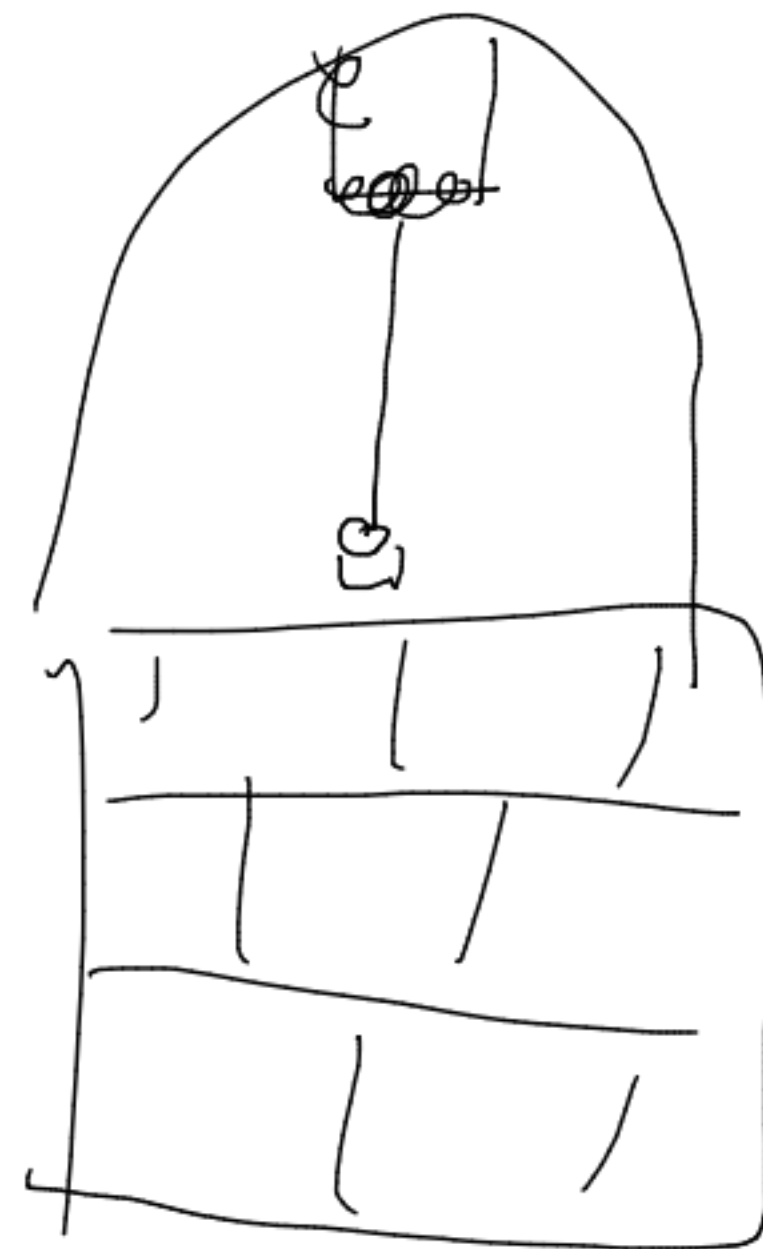
SSL



HTTPS://



API



TMG

APIS

USE / RESPOND TO  
REST

THINK

GET /API/URI/PEOPLE ?<sup>FUNCTIONS</sup> ← LIST []

GET /API/URI/PEOPLE/73 ← ONE {}

DELETE " " " " " " ← BYE NULL

PUT /API/URI/PEOPLE/73 → {} ← {}

POST /API/URI/PEOPLE → {} ← {}

IN - MEMORY

THIS DATABASE  $\Sigma = \underline{[]}$   $0, 1, 2, 3$

. PUSH  
. FILTER

$O(1)$

$O(N)$

$\{ \}$   
"unwind"  
—