S3

v1

EC2

f()

f()

UPLOADS TO ANOTHER S3 BUCKET

UPDATES DB RECORD

- f() v1 v2

ML

BAD & SCARY...

① VERSIONS & DEPENDENCIES

② KICKING THE CAN DOWN THE ROAD

③ INTER-TEAM COMMUNICATION & COORDINATION

④ YOU CANT KNOW IT ALL

⑤ TESTING / DEBUGGING

⑥ DEPLOYMENTS

AWS PRODUCTION

A. LIVE
B LIVE X

$ NINES
99.999 % UPTIME

15 MINUTES /YEAR DOWNTIME !

GM + LEXUS
$ 10,000 /MIN

GM ROLL CHUTE

CUAT X - CUSTOMERS

STAGE X   QAS + BUSINESS

P/L

DEV   1000+

LOCAL   OWN TTT   MERGE TO DEV

LOCALHOST   — DEV.CDK.CM

WRRC → API

API

CRUD VIA-REST

EXPRESS JS

POST/XZZ

L f()

L m()

<LINUX

(ATLAS)

DB

MONGO

PG

MONGOOSE →
(TRANSLATOR)
FRAMEWORK
ORM   SEQUELIZE
SCHEMA

ATLAS
DB

H
API

REACT

POST /FRIENDS

LAWS

T/C

PASS THROUGH

API - GATEWAY

Create   POST.
R ead   GET.
Update   PUT.
Delete   DESTROY.
          DELETE

λ - ()

{BODY}

λ

DB

DYNAMO
≈≈≈ MONGO

DYNAMOOSE
≈≈≈ MONGOOSE