

(+) x4

Retro

(Δ+) x4
Action

(P) x4
Actions

Spring Core
Boot MVC
Swagger + client
REST-client
@IDEA

Core Review
REST Client
~~SOAP~~

Boot + Jetty
+ WebClient

✓ Pull Requests
✓ 2019.1

✓ Layers code
Review (adapters)

✓ Spring core
... files. ← xml
← Java

Java EE
REST vs SOAP

Liquibase
+ Flyweight DB

Swagger
v\$

Spring REST Doc

Communications

Code Review

Rest vs SOAP
Ugento...
Rest principles

✓ @Ignore

✓ Spring
Method
Injection

✓ @ResponseStatus

MVP

Timing ↑
→ 25 races

✓ Hands-on
coding ↑

✓ Jackson construct

Protobuf

Controller

MVC

CAP ↑

ACID vs
BASE

Spring Config
Starter

Spring CORE + web stack

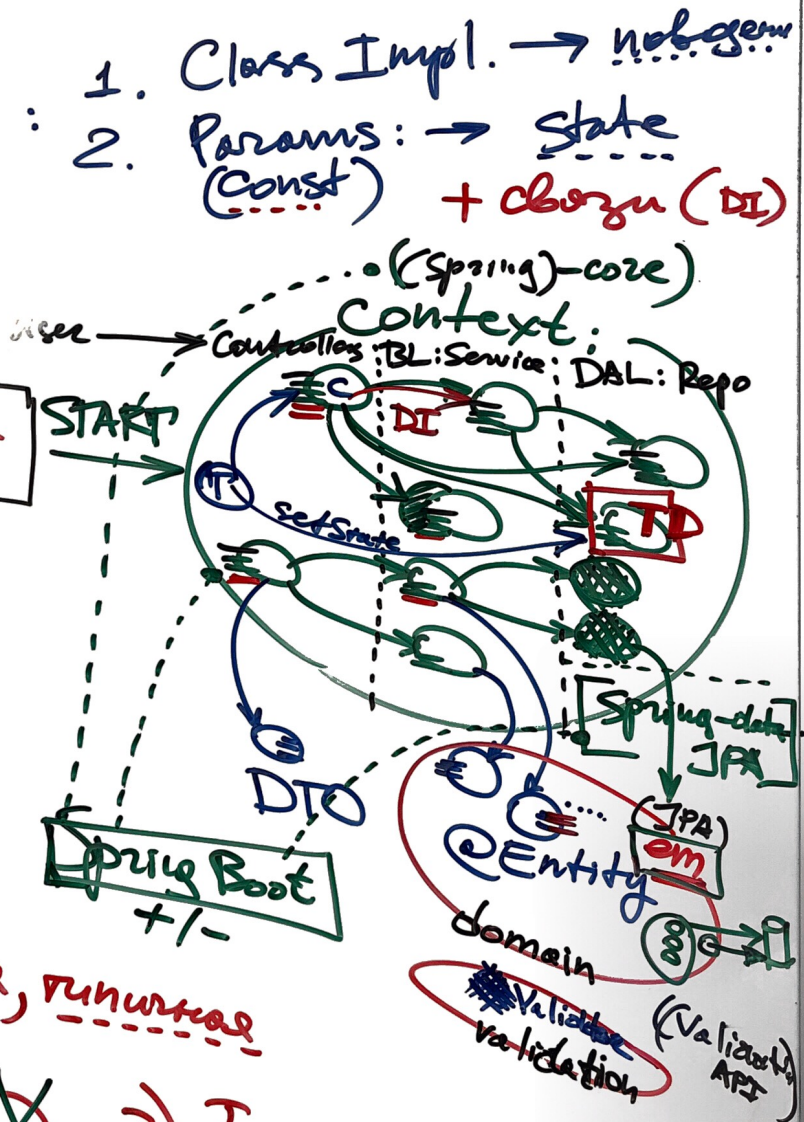
Spring configuration for App :

1. Class Impl. → no. gen.
2. Params: → state (Const) + config (DI)

↓
BeanFactory

Xml/Classpath Application Context

→ Annotation-driven
Groovy.....
Java.....



ЧТО ХОПОВЕТО
ДАЕТ Spring:

- 1) Spring Modules → *модули (модули)*
- 2) *Тудкоц:*

1) AOP

= custom advice
@TX
= Security (Apt, ABr.)
= @Async
= @Retry
= @Cache

3) Testability

Restful

"Rest" arch. style MATURITY LEVELS

- ☒ RPC calls → HTTP Methods
6 URL ~~web session~~
- ☒ Non-persistent State-less → ^{Persistent} State
- ☒ Idempotent ops ← HTTP 1.1
- POST vs PUT
 <<insert>> <<update>>
- ☐ REST acronym → today's HATEOAS
 (remember mobile app example)

✓
What's persist
systems
state?
returns?
codes
✗

Что будет? → эффект
пользователя API

DoD:

- Customer^{domain}
- Customer^{controller} Controller

DC

DR/RA

DD

- I Customer^{dao} Repository → JPAREPO

- Customer^{test} Controller IT

- when(StubRepo.find~~xxx~~(1)).^{any xxx}
then Return(...)
then Throw(...)

- Coverage for new Codebase,

- Line: 80%

- Branch: 60%