CVDD != Covid defence

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CVDD — THE TRAPS OF THE SHINY MODERN TECHNOLOGIES

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Let’s get to know each other

NOT A FACT

NOT EVEN AUTHENTIC FACT

PERSONAL OPINION

CVDD = CURRICULUM VITAE DRIVEN DEVELOPMENT

HDD = HYPE DRIVEN DEVELOPMENT

RDD = RESUME DRIVEN DEVELOPMENT

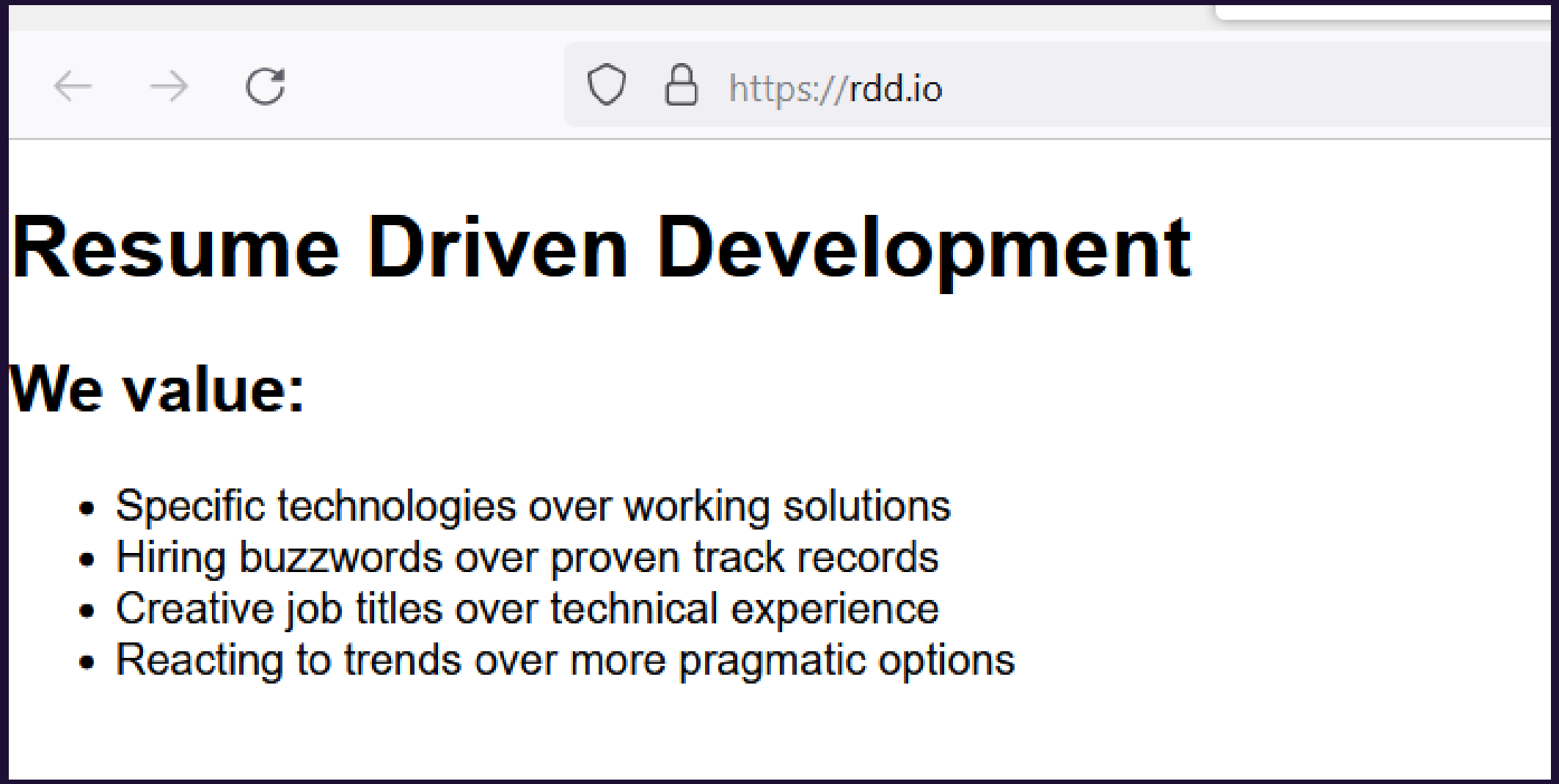
"

Resume-Driven Development (RDD) is an interaction between human resource and software professionals in the software development recruiting process. It is characterized by overemphasizing numerous trending or hyped technologies in both job advertisements and CVs, although experience with these technologies is actually perceived as less valuable on both sides. RDD has the potential to develop a self-sustaining dynamic.

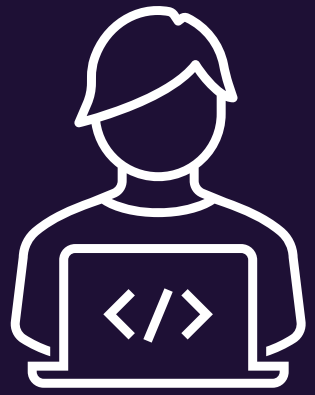
"Résumé-Driven Development:

A Definition and Empirical Characterization"

rdd.io

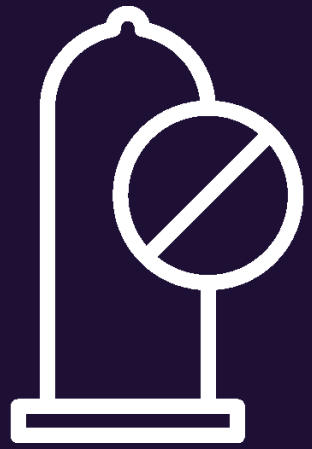

https://rdd.io
Resume Driven Development
We value:
Specific technologies over working solutions
Hiring buzzwords over proven track records
Creative job titles over technical experience
Reacting to trends over more pragmatic options

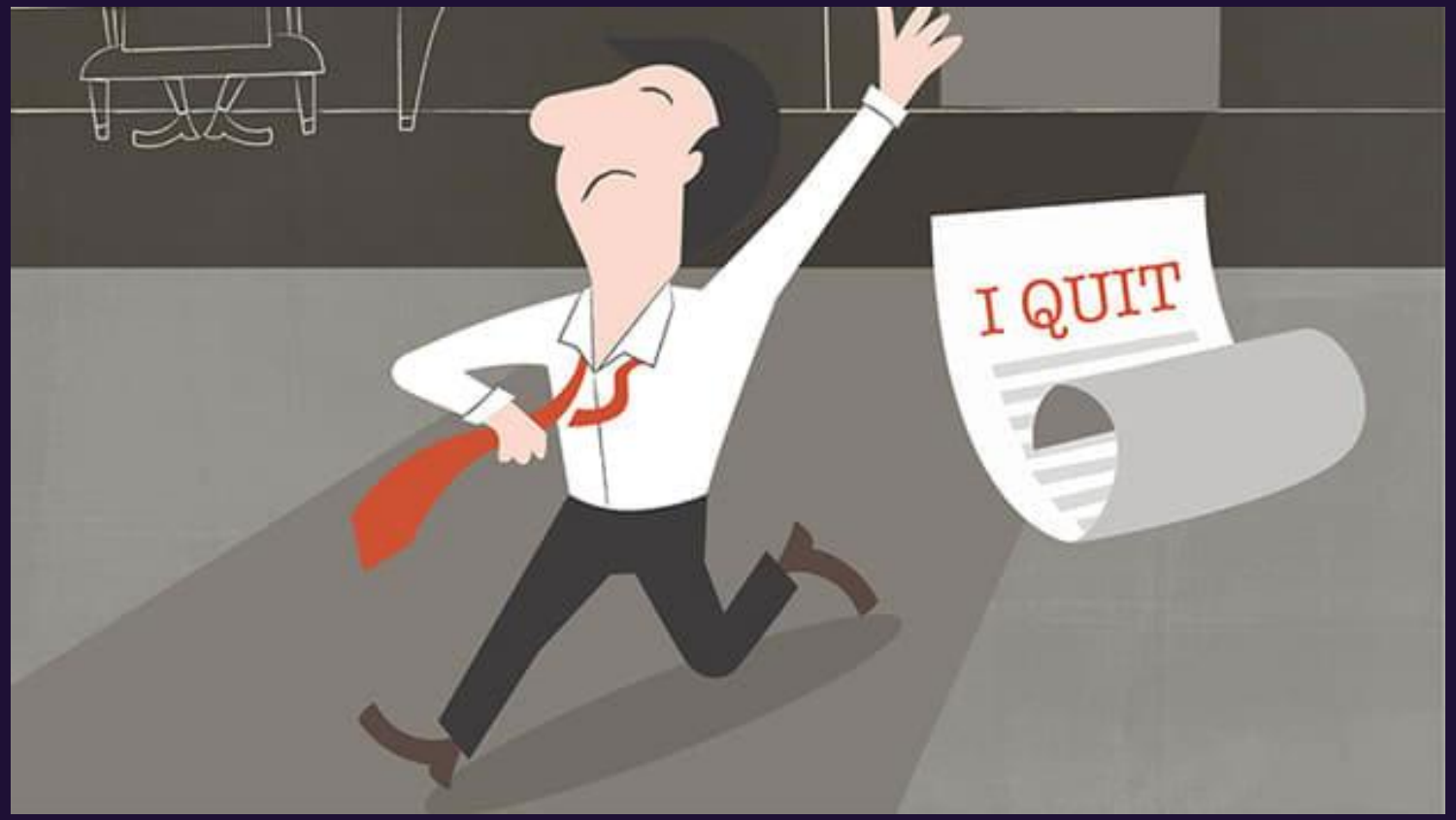
CV > PROJECT



What can go wrong?

Story based on facts





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Kotlin

Only one person know

Code review…

The only one knower leaves company

How to become Kotlin devloper in 3 simple steps?

- Krok 1. Code in Java
- Krok 2. Use IntelliJ
- Krok 3. Ctrl + Alt + Shift + K

Lessons learnt

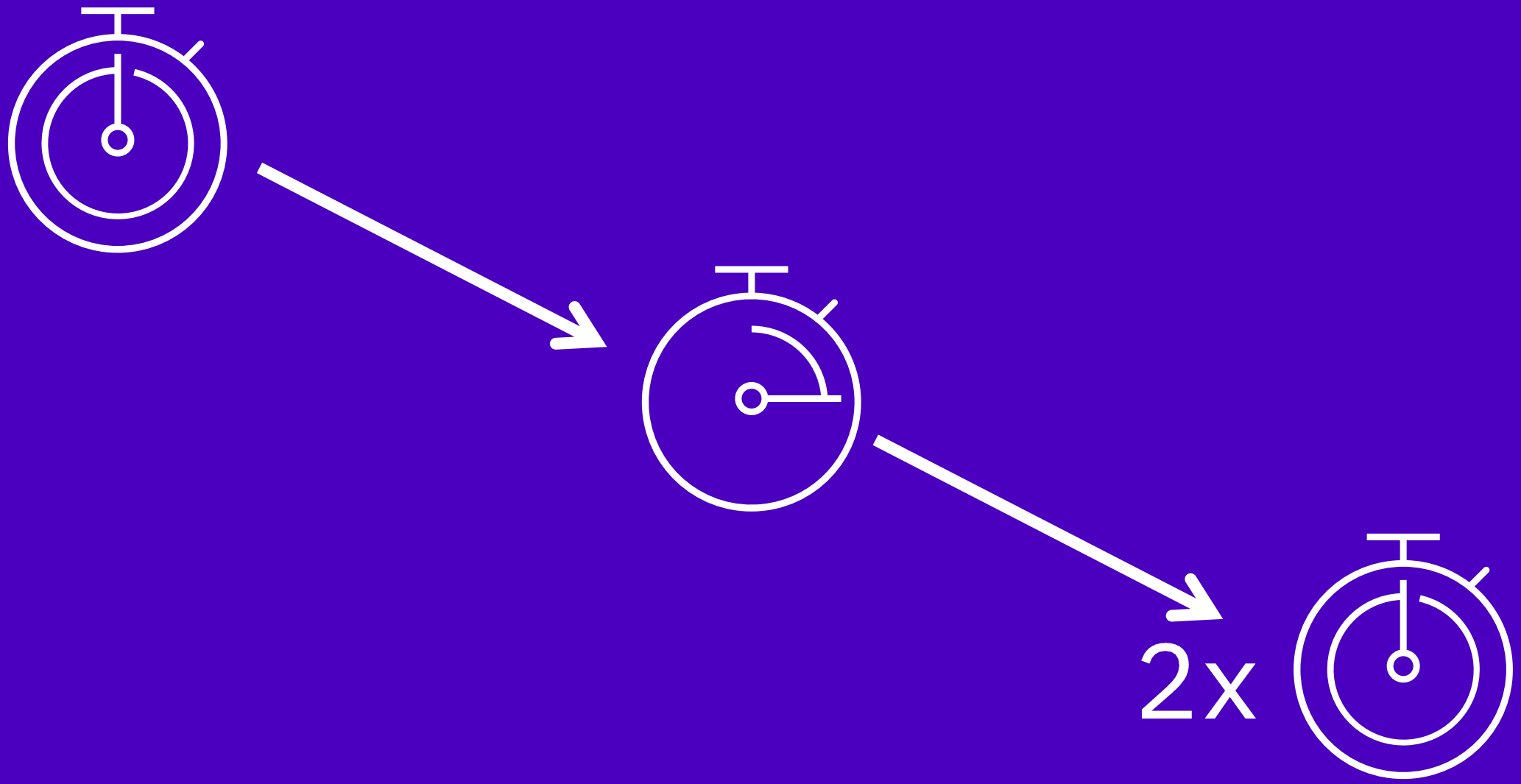
- Just use Java
- Organise workshops for team

Spring Data Rest

```java
@RepositoryRestResource(collectionResourceRel = "dogs", path = "dogs")
public interface DogRepository extends PagingAndSortingRepository<Dog, Long> {
    Optional<Dog> findByName(String name);
}
```

HATEOAS

It will be fine…


2x

HATEOAS

Corporate needs you to find the differences
between these two weapons of mass destruction.
They're the same picture.

Lessons learnt

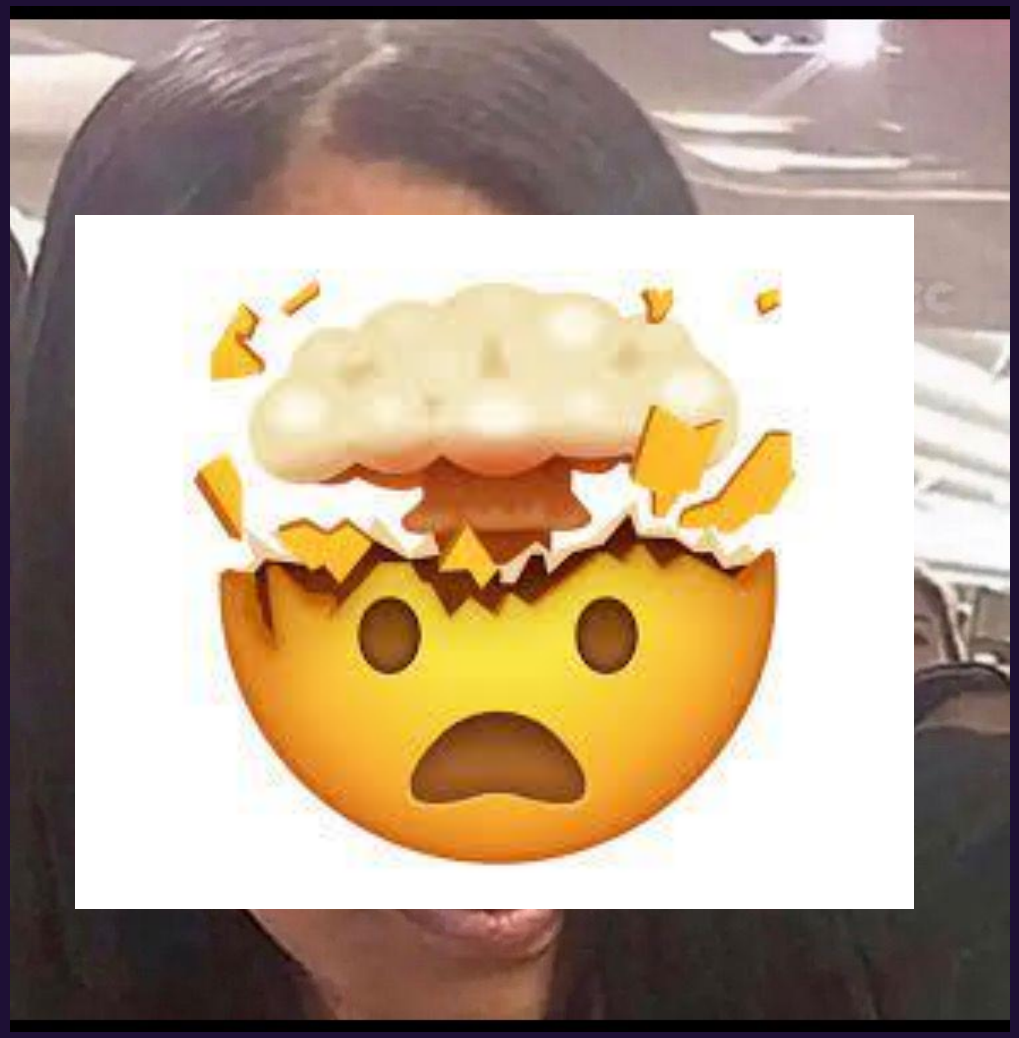
- More empathy
- There is also frotend
- Some pros are… actually cons

Redis

Many services

Big requests

Cache grows



Lessons learnt

- cache != faster
- graphQL

Reactive programming
(spring flux/mono)

ASYNC

FALLBACK

STREAMING

BACKPROPAGATION

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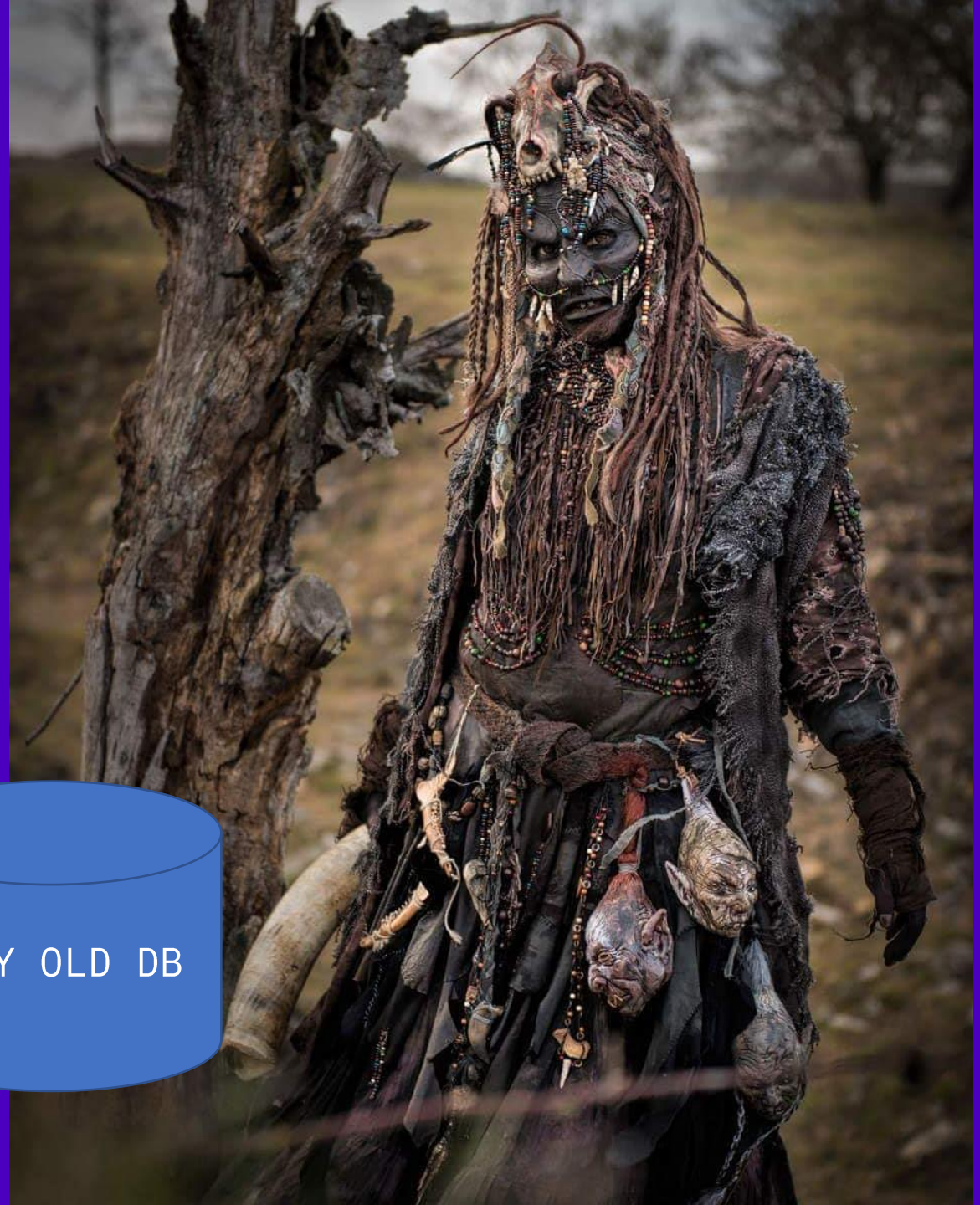
New project
100k customers



VERY OLD DB

Hibernate not reactive

~ 3 months

DEADLINE COMING?
TIME TO SWITCH TO REACTIVE PROGRAMMING
imgflip.com

Did it work out?

I'm going on an adventure!

Lessons learnt

- No of users at the same time
- Don’t be naive

Craftmanship

DNA

DNA = ENHANCEMENT OF DNA

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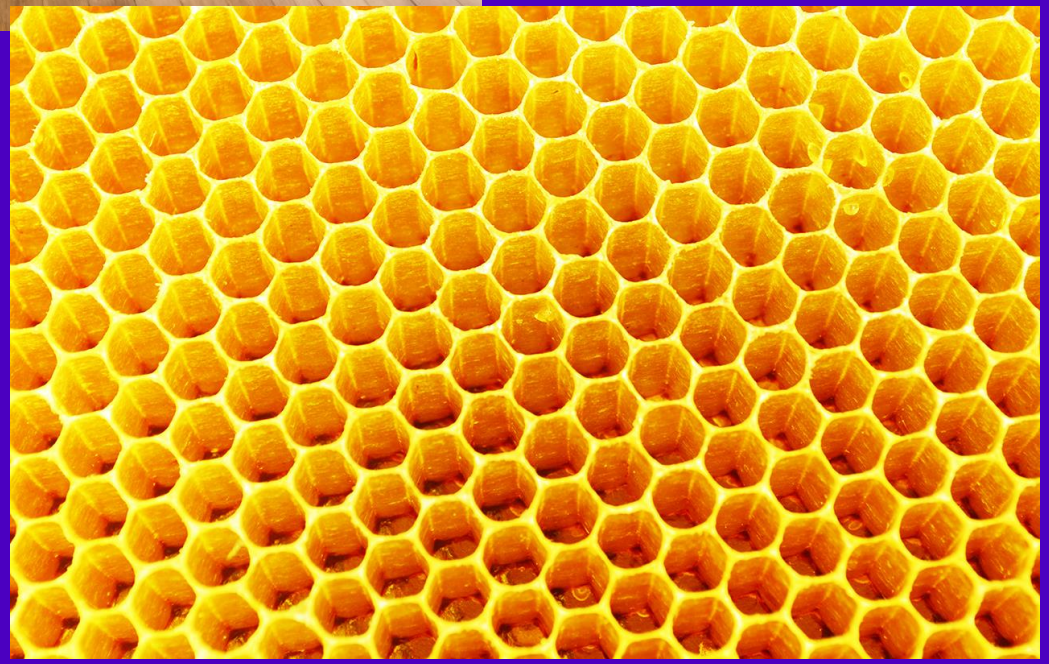


class VictimOfWannabeArchitects

```
public class VictimOfWannabeArchitects
```

You just cannot try everything in you life…

HOW STUPID CAN THEY BE
NEITHER OF THEM ARE WEARING GOGGLES

Developer with an idea for new application/technology every week

That developer x 50

Lessons learnt

- Choose tools based on needs, not needs based on tools
- Chill out
- Remember what You are paid for

GRPC

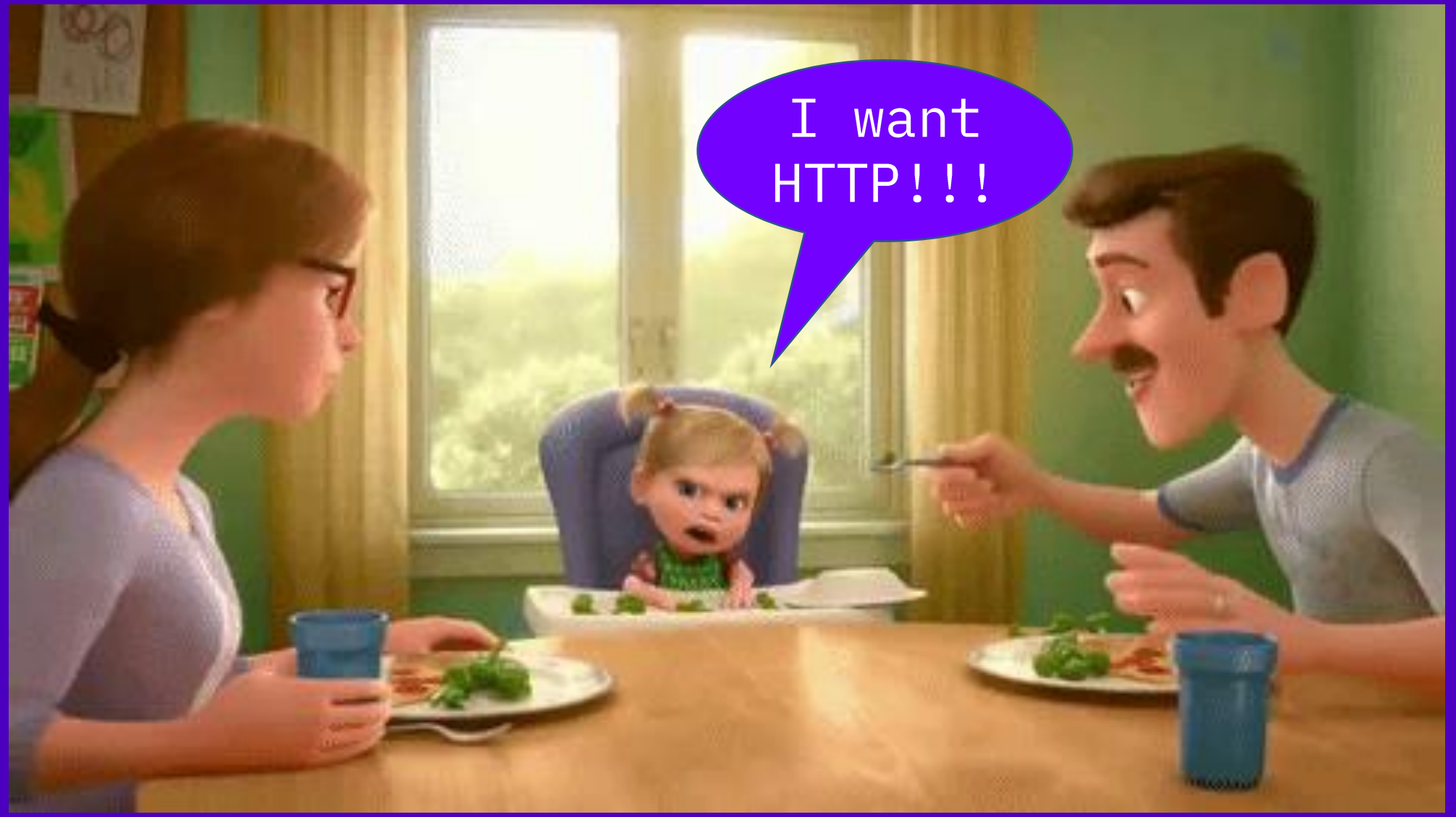
Needs

- common interface
- fast throughput

gRPC

Beginnings were good

…but then


I want
HTTP!!!

You're not listening to me!

We didn’t read:

WHEN NOT TO USE

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Lessons learnt

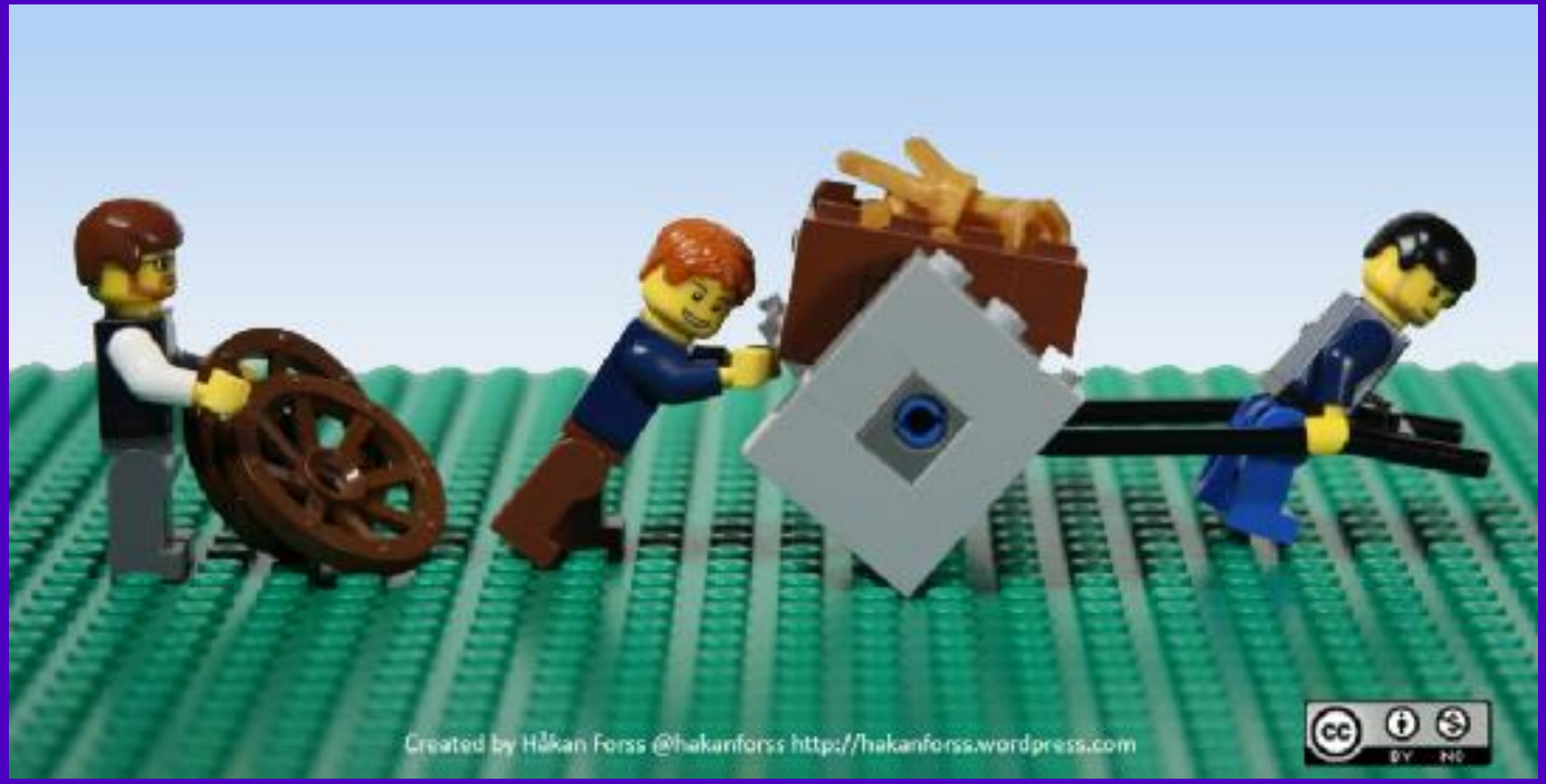
- read „When not to use”
- grpc is great, but not everywhere
- grpc-web under development

What’s in common?

Unknown technology

Shouldn’t we use new stack?

Use, but…


Created by Håkan Forss @hakanforss http://hakanforss.wordpress.com

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[…] WE FOUND THAT…

https://stackoverflow.blog

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[…] WE FOUND THAT SALARY (60%), WORK-LIFE BALANCE (58%), FLEXIBILITY (52%),PRODUCTIVITY (52%), AND GROWTH OPPORTUNITIES (49%) WERE THE TOP FIVE REASONS FOR DEVELOPERS TO BE HAPPY AT WORK […]

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https://stackoverflow.blog

Burnout

How does a purchase of a smartphone look like?

Be sceptical

Scientists: ”Our discoveries are useless, when took out of context”

Media:

Scientists stated that Their discoveries are useless

How to find time on that?

Friday for own ideas

Spike

Chapter

We don’t have!

Boss doesn’t allow

Change boss?

After work?

Research 30 minutes a week

mbaranowski.pl