I LOVE MESS.

NETFLIX

Go KonMari on your SQL Queries with the SQL-Police

Philipp Seifert-Kehrer

POSEDIO

What about me?

Philipp Seifert-Kehrer

- Creator of Software 10+ years
- @ Posedio since 2022
- Cats <3
- Freshly baked father

- Unpopular dev opinion:

*"copying Code is pretty okay most of the time"*

Roadmap

1. What had happened was...
2. Looking under the Hood
3. Batching the Batch
4. Why you tellin' me this?

What to expect from this talk?

```java
if (this.countryRepository.findByIso2(supplierDTO.getCountry()).isPresent()) {
  supplier.setCountry(this.countryRepository.findByIso2(supplierDTO.getCountry()).get());
}
if (supplier.getCreatedAt() == null) {
```
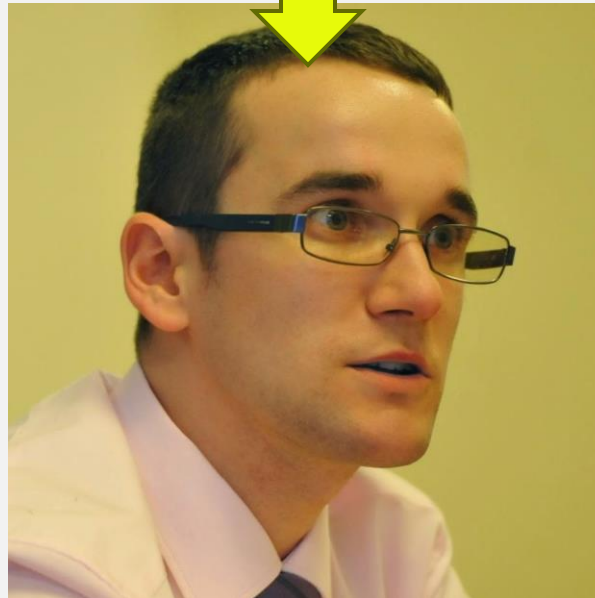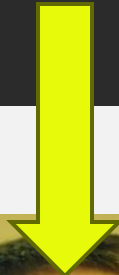
Vlad Mihalcea

WHAT HAD
HAPPENED
WAS

The Tale of the Item Availability

Lavazza Barista Caffe Crema Delicato – ganze Bohne
Lavazza

1 kg Packung

Verfügbar ab Mi. 20.9. 07:00

Mit dieser einzigartigen Mischung aus Arabica- und Robusta-Bohnen aus Südostasien sowie Zentral- und Südamerika, mit Schokoladen- und Kakaonoten im Abgang, wirst du im Handumdrehen zum Barista.
• Mild und ausgewogen mit einer besonders guten Balance und Noten von Schokolade und Kakao.
• Trommelröstung
• Arabica und Robusta Mischung
• Ganze Kaffeebohne
• Ideal für Siebträger und Vollautomat

Art. Nr.: 00–596519

20,99 €
1 kg 20,99 €

— 100 +

Derzeit nicht verfügbar 1
Diese Produkte sind zum ausgewählten Zeitfenster nicht verfügbar.

Verfügbar ab 20.09.

× **Lavazza Barista Caffè Crema Delicato - gan-ze Bohne**
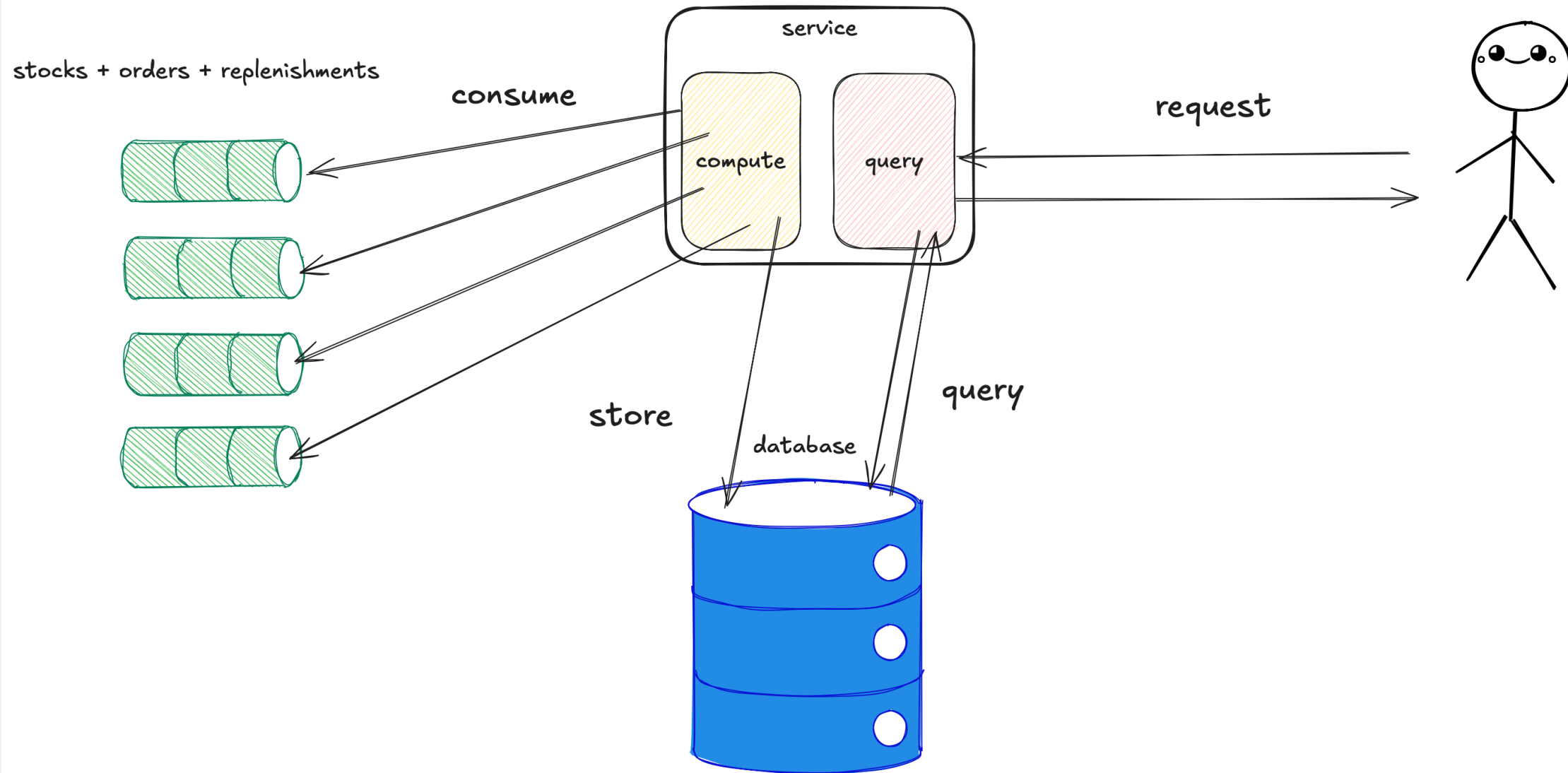1 kg Packung

— 96 +

20,99 €
1 kg 20,99 €

2.015,04 €

× Entfernen

Warenwert Gesamt	2.015,04 €
OLS 20% Promo X	–403,01 €
Gratis Lieferung	–1,00 €
Liefergebühr	0,00 €
Gesamtwert (inkl. MwSt.)	**1.612,03 €**

The Architecture

Soooooo much Data

Soooooo much Data

What any seasoned developer would do...

More Pods

More Database Connections

Check for slow Queries

What any seasoned developer would do...

Looking under the Hood

02

DataSourceProxy?

Application → DataSourceProxy → DataSource → Driver →

DataSourceProxy!

Query Logging

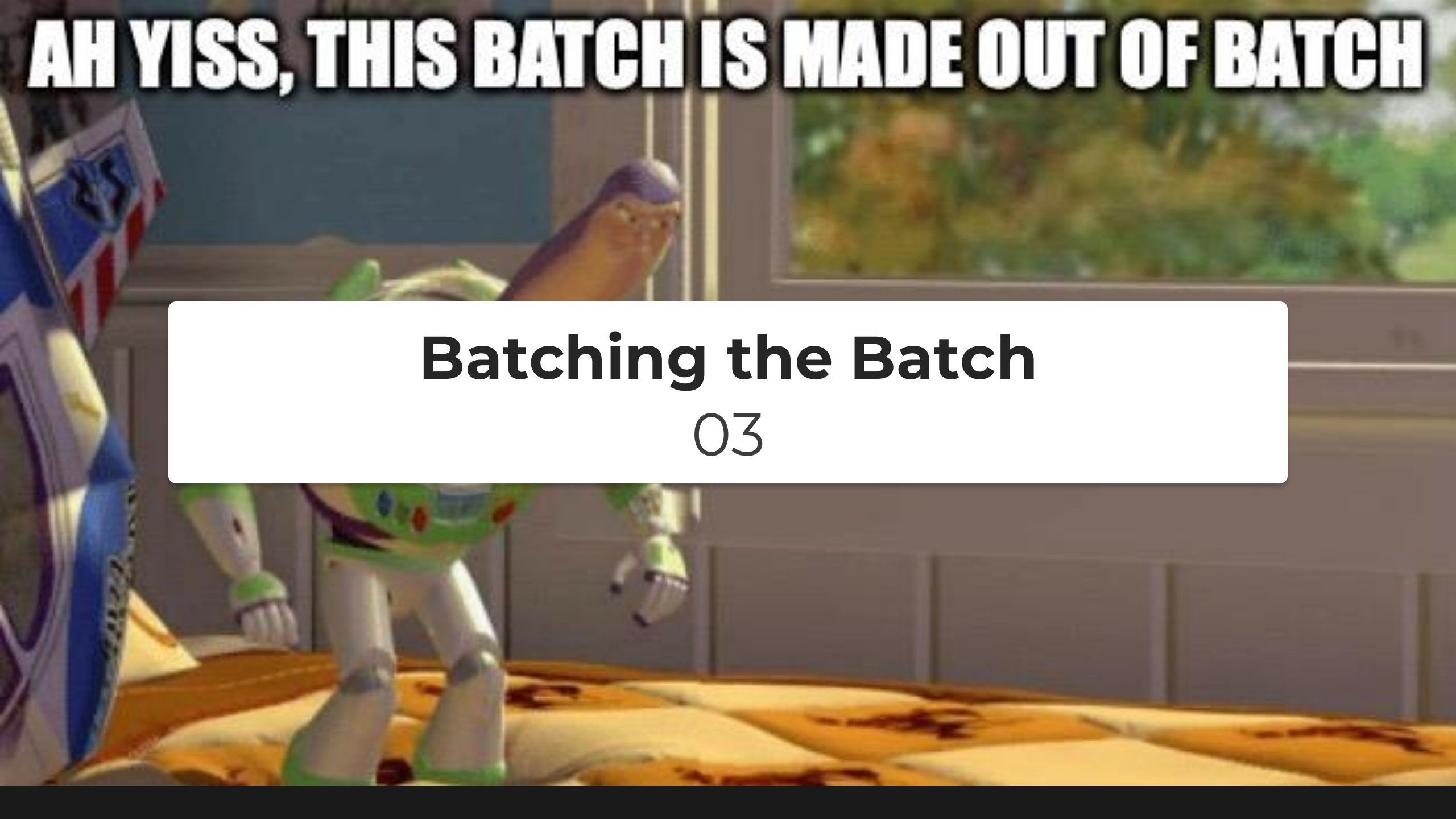Slow Query Logging

Query Count

Tracing Method

The n+1 Problem

The n+1 Problem
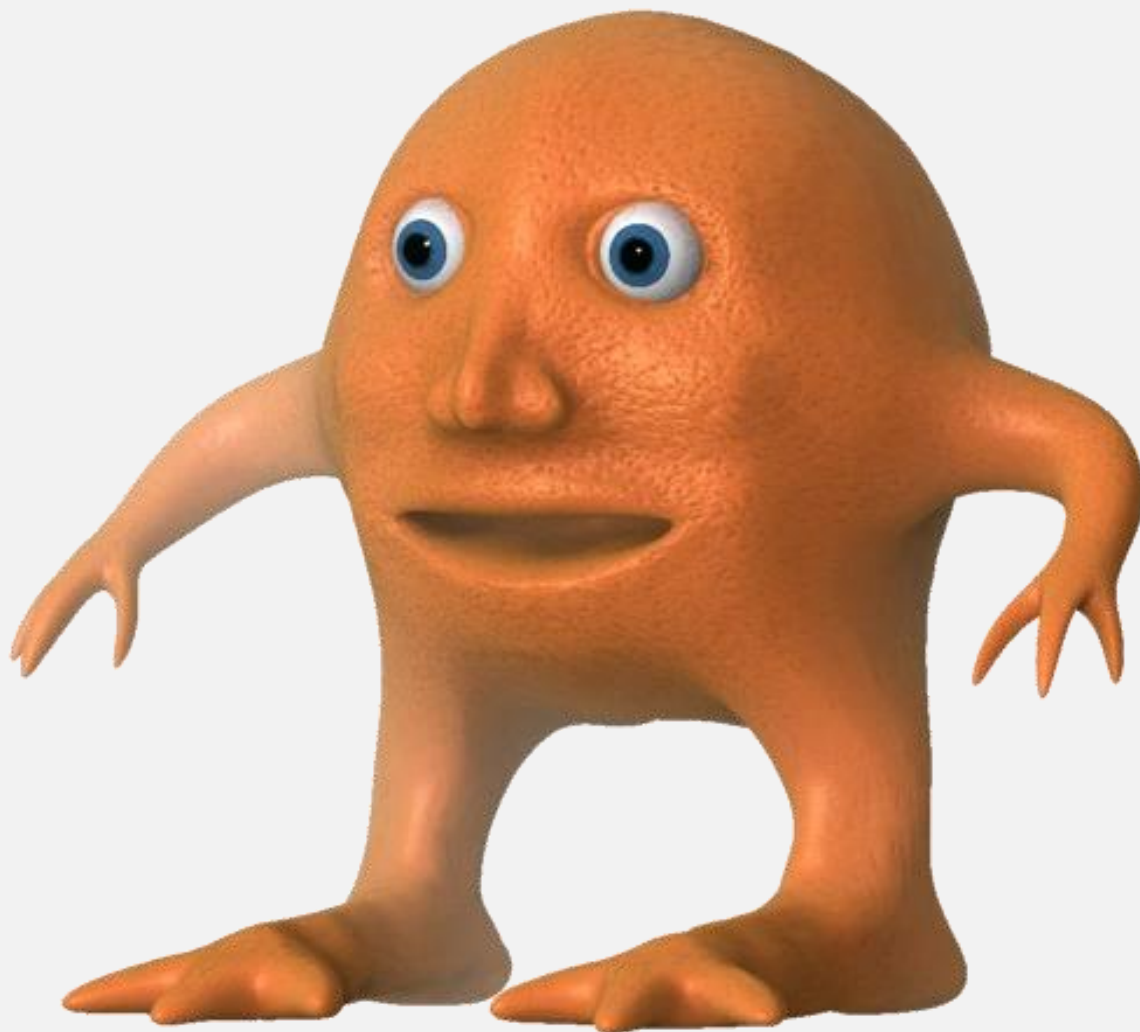
AH YISS, THIS BATCH IS MADE OUT OF BATCH

Batching the Batch

03

Making the Batch batch

Align sequence allocationSize with batch size

Implementing Persistable for isNew = true

@Embeddable for WHERE (field1, field2) IN (?,?)
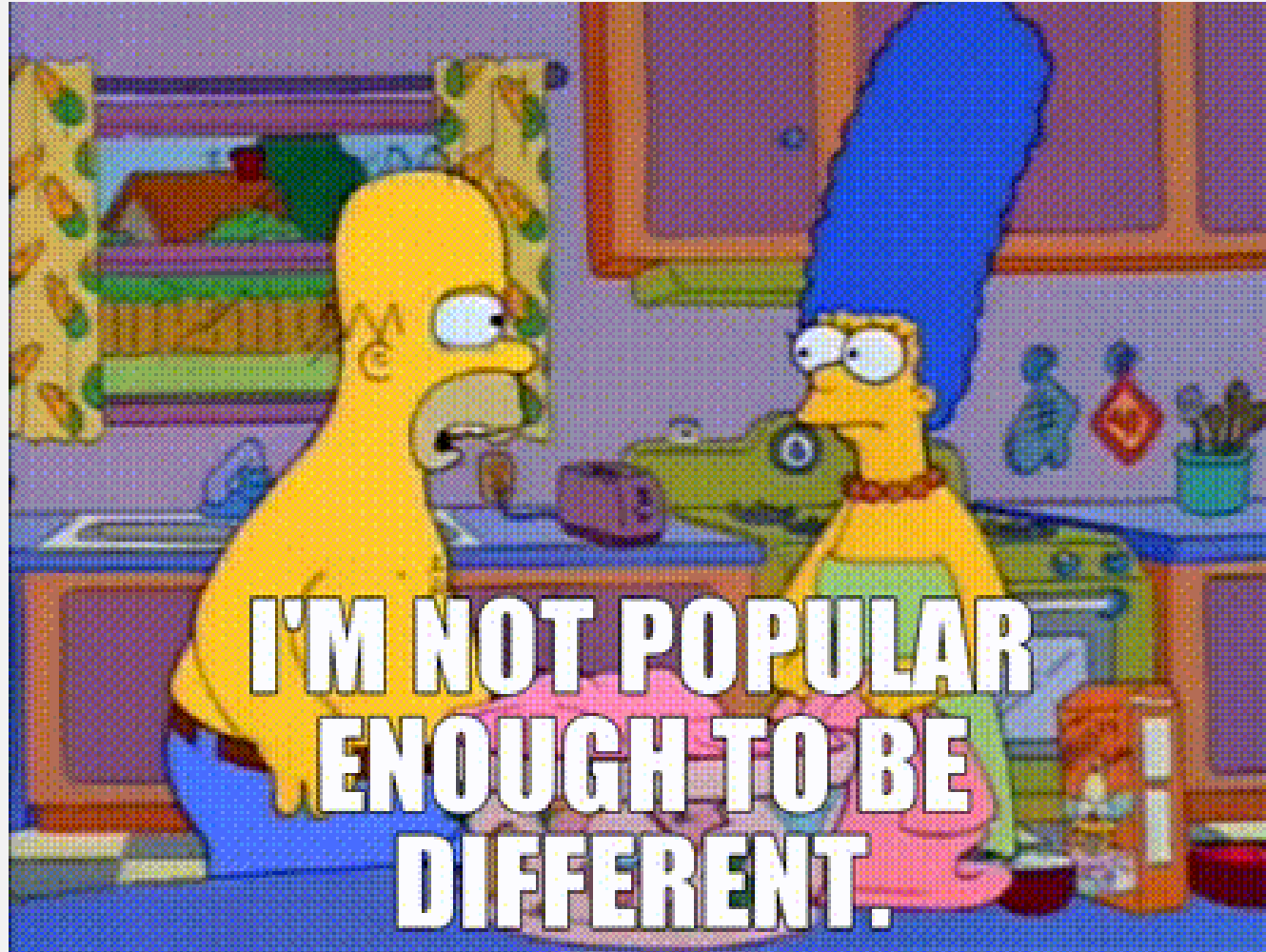
Why you tellin' me this?

04

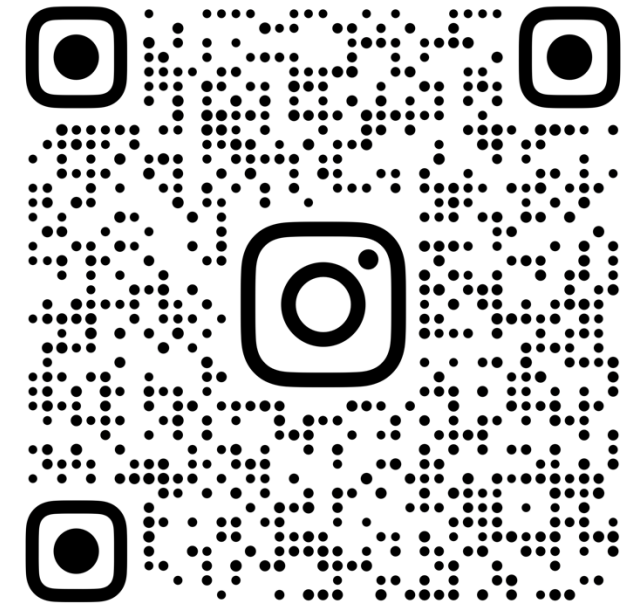# Get to know the Tools you inevitably (are doomed to) work with

Big Thanks!

& ways to stalk me...

Philipp Seifert-Kehrer
I'm just here, so I won't get fined

ORIGINAL.FLIPSTER