Life in a Medium Sized Rails App
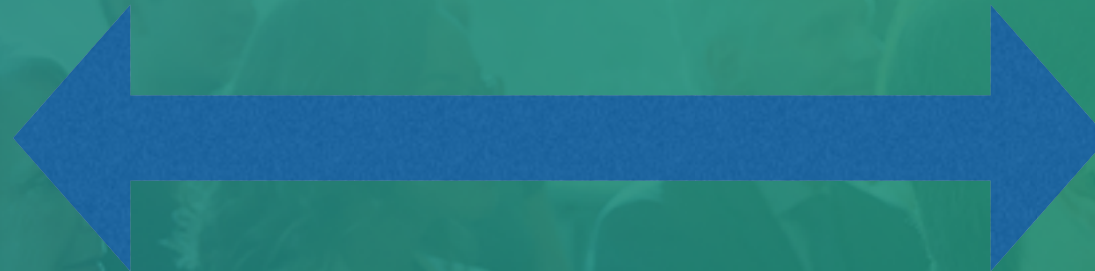
Mario Fernandez

Agenda

- Medium what?

- One such example (*Hint:* Bottom right corner)

- Architecture

- Tools

- People

XING EVENTS

Experiences that you usually read about

One Person / Team
Relatively small

What
about the
middle?

Google, Facebook
Huge Scale
Custom solutions

XING EVENTS

For example ... **XING**
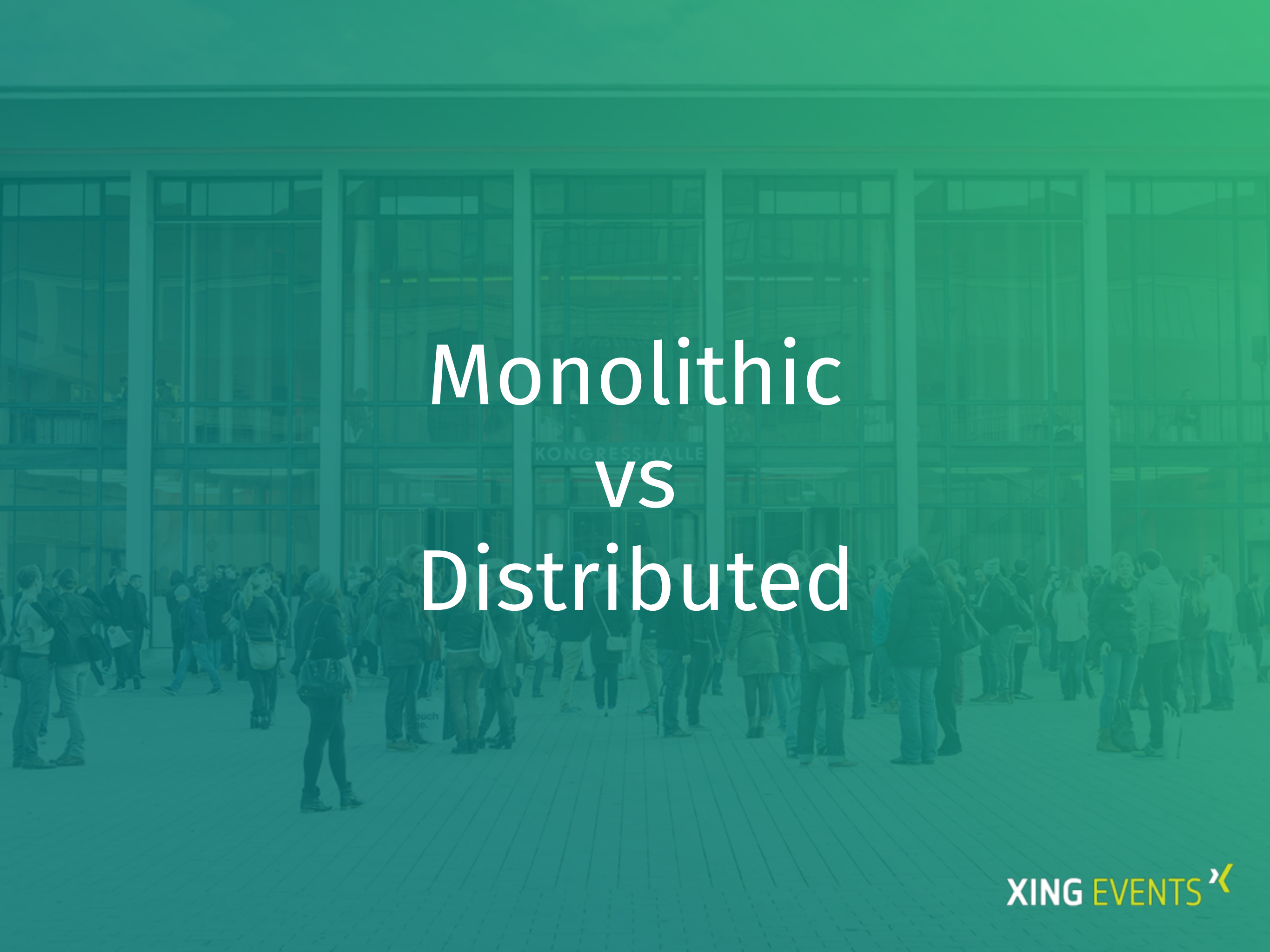
- ~ **14M** users

- **#51** in Germany (Alexa)

- > **200** RoR developers

XING EVENTS

Multiple Offices

Architecture

Monolithic
vs
Distributed

Network of Applications

- Lots of internal traffic

  - REST API

  - AMQP Messages

- Synchronisation effort

  - Shared gems

  - Shared styles

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Many Technologies

Releasing

- Continuous Integration

- Coordination required for big releases

- Backwards compatibility is key

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Tools

"If you put *n* developers in a room, *2^n* opinions about tools will come out of it"

XING EVENTS

Github

- Knowledge sharing

- Bug spotting

- Inter-Team Collaboration
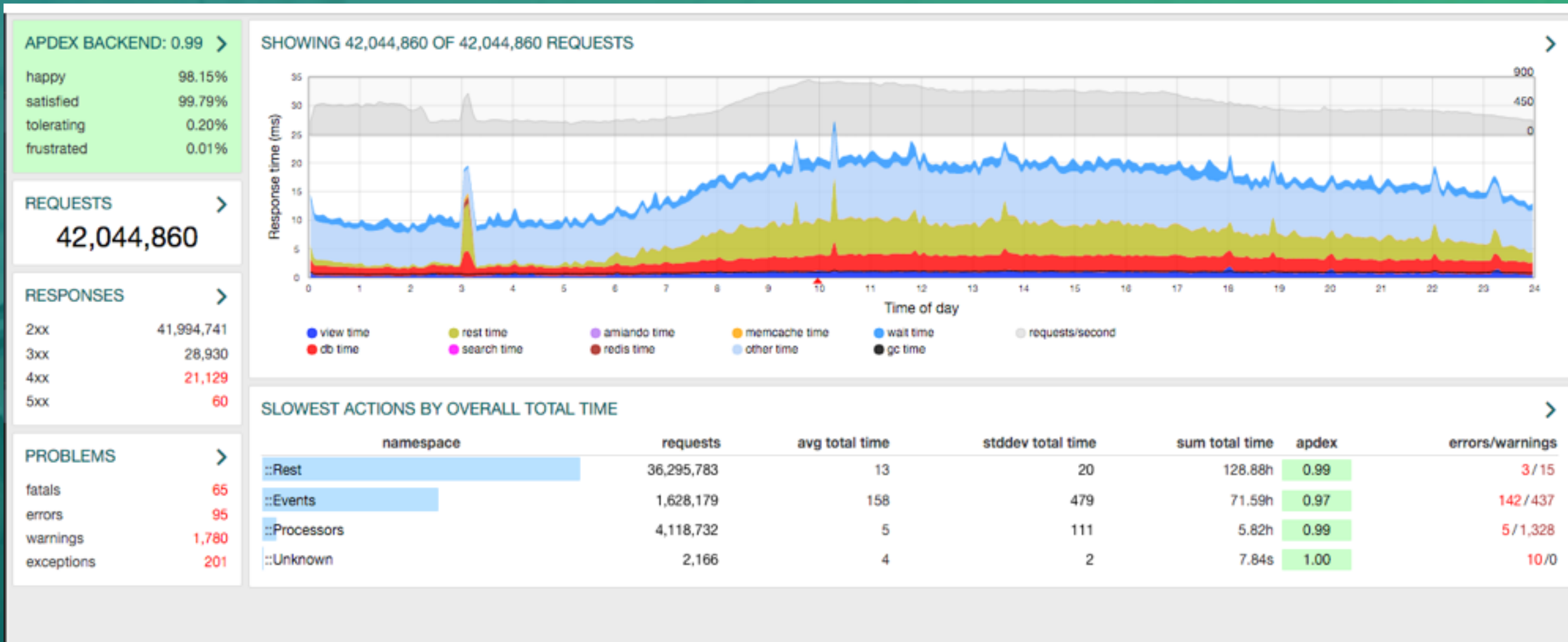
- **PR** is king

XING EVENTS

Testing

Automated Tests

- It's 2016, no need to argue about the _need_ of automated tests.

- Depending on many other apps forces you into a lot of mocking.

- _Bonus_: JS Unit Tests.

Test environment

- Too big to fit in a developer's machine.

- One test system for everybody is very limiting.

- _Solution_: Sandboxes for each developer.

XING EVENTS

Monitoring

People

Communication

- HipChat

- Email

  - Mailing Lists

- **Finding**: Face-to-Face meeting can help *immensely*

XING EVENTS

Questions?

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