Reactive Architecture

Building Resilient Systems

About Me
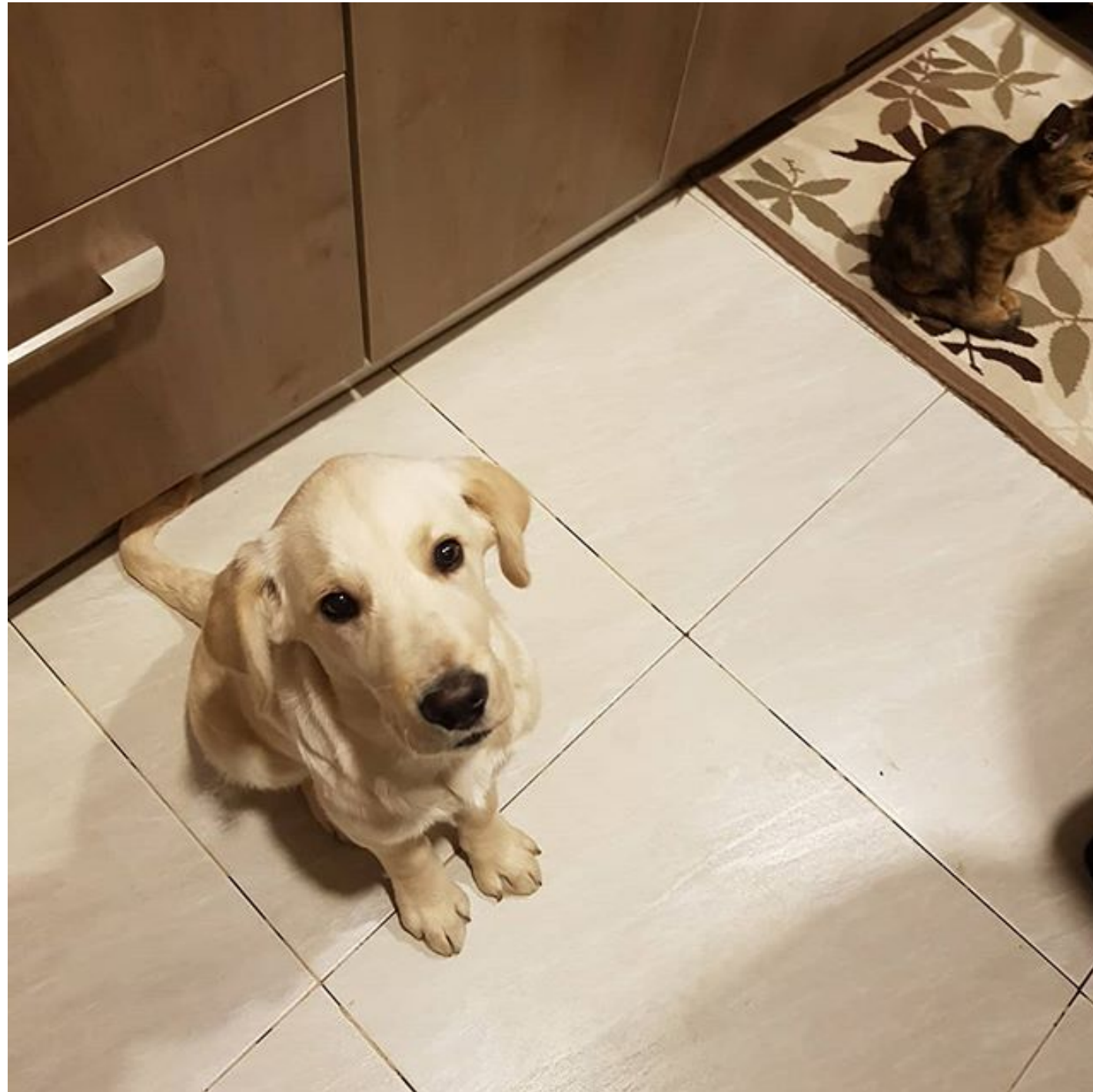

Allow myself to introduce...

I Also love Cats

I have a lot of cats

And a dog

Agenda

- What is Reactive Architecture أَصلًا؟

  - The Reactive Manifesto

  - What is a system?

  - The nature of information, and events.

  - The Manifesto in Depth

    - Responsive & Resilient: Handling Failures

    - Elastic: Scaling

    - Message Driven: Messages vs Events

- In practice

- Conclusion

- Questions

What is Reactive Architecture?

The Reactive Manifesto

What is a System?

- A system is a single entity that provides a number of services to users
- A single system could consist of few or more components
- A system could also consist of other subsystems

The nature of information and events

The Manifesto in Depth

Responsive and Resilient: Handling Failures

The Manifesto in Depth
Elastic: Scaling

The Manifesto in Depth

Message Driven: Messages vs Events

In Practice

- Design First

- Update your documentation organically

- Nothing is guaranteed but everything maybe promised

- Isolate

- Automate

Conclusion

- Sign the Reactive Manifesto here https://reactivemanifesto.com

- You can connect with me over the internet, my username is cousine almost everywhere

- I write sometimes (currently a desert) at https://cousine.me

- You can find this presentation in PDF along with other talks I've had on my GitHub repository https://github.com/cousine/talks-presentations

Questions?