Event Driven Architecture
The Complete Guide

Memi Lavi
www.memilavi.com

Why Learn Event Driven Architecture?

Evolution of microservices architecture

Becomes super popular

Platform agnostic

Extremely scalable

But…

Event Driven Architecture

- You have to know:

If **How**

- Or…

Dangers of Badly Designed EDA
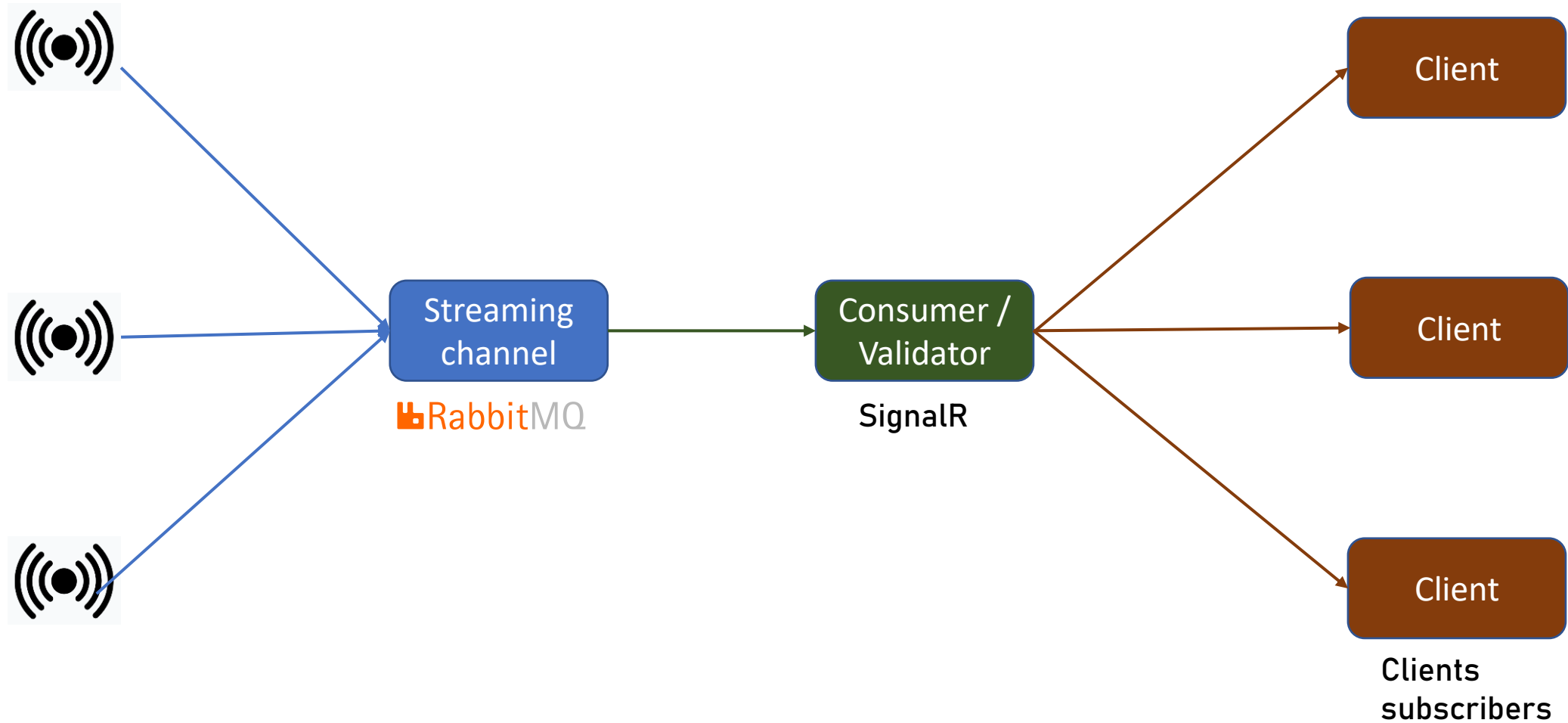
Slow

Unmaintainable

Frustrating

Costly

By the End of This Course…

- You'll know what event driven architecture architecture is

- You'll know what problems it solves

- You'll know how to design a robust, scalable, easy to maintain event driven architecture

- You'll know when NOT to use event driven architecture

- You'll become a much better Software Architect!

But That's Not All!

- This course is extremely practical

- We're going to design and build a real-world event driven system

    - Using tools such as RabbitMQ and SignalR

The NOP System

But That's Not All!

- You can use it as a template for your own systems

- You don't have to be familiar with these engines, we'll learn everything from the very beginning
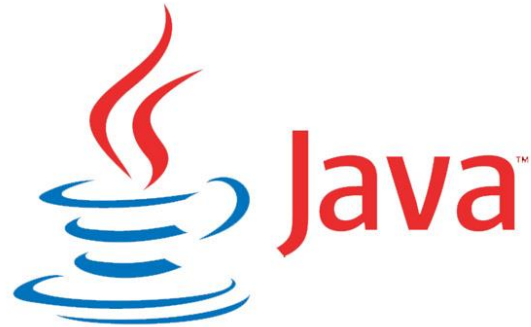
Who Am I?

Senior Software & Cloud Architect

Memi Lavi
www.memilavi.com

My Clients

My Technology Stack

Azure Certified

Microsoft CERTIFIED — AZURE IOT DEVELOPER — SPECIALTY

Microsoft CERTIFIED — AZURE SECURITY ENGINEER — ASSOCIATE

Microsoft CERTIFIED — AZURE SOLUTIONS ARCHITECT — EXPERT

Speaker

DevDays

BUY TICKETS

Venue

Memi Lavi

Independent Consultant,
Israel

Who Is This Course For?

- Developers

  - Preferably back-end developers, but not mandatory

- Architects

- Anyone who is interested in software architecture

Agenda

Welcome

↓

Introduction to Events

↓

Event Driven Architecture

↓

Event Sourcing and CQRS

↓

When to Use Event Driven Architecture

↓

Stateless and Stateful EDA

↓

Streaming and EDA

Logging and Monitoring

↓

Implementing EDA

↓

Case Study

↓

Conclusion