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IT minds

Training program:

Reactive programming in Java using Mono /Flux, Webflux, Reactor

Info:

Name:	**Reactive programming in Java using Mono/Flux, Webflux, Reactor**
Code:	**advanced-reactive**
Category:	Advanced Java
Target audience:	developers architects
Duration:	3 days
Format:	30% lecture / 70% ćwiczenia

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Training program

1. Why we need reactive programming

2. Reactive theory: backpressure and JVM foundations

3. Landscape of libraries

4. The problem of nor reactive http and solutions (reactor-netty, reactiveio)

5. Basics of Mono/Flux

6. How to think about reactive programming (declaration versus execution, cold vs hot)

7. How to test reactive code

8. Reactive operations (most exercises are here)

9. How to handle synchronous resources (RDBMS, etc.) from reactive code

10. Webflux and full reactive stack

11. Advanced Reactor features

12. When NOT to use reactive programming

13. Communication via RSocket

14. Fibers (Project Loom) vs Reactor

15. The reality of R2DBC