

Training program:

## **Spring Boot - modern architecture and Microservices**

Info:

<b>Name:</b>	<b>Spring Boot - modern architecture and Microservices</b>
<b>Code:</b>	<b>modern-SpringBoot</b>
<b>Category:</b>	Microservices
<b>Target audience:</b>	developers architects
<b>Duration:</b>	3 days
<b>Format:</b>	50% lecture / 50% workshop

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# Training program

## 1. REST

1.1. http - important aspects

1.2. Standards

1.3. SOA principles

## 2. Microservices amd architektura CqRS

2.1. Design for failure

2.2. Evolutional approach

2.3. Decentralisation

2.4. Endpoint a Pipe

## 3. Legacy system refactoring strategies

3.1. Boundaries

3.2. Bounded Context

3.3. Antipatterns: Nanoservice

## 4. System architecture

4.1. Integration

4.2. Command-query Responsibility Segregation

## 5. Security

5.1. SSO

## 6. Scaling distributed systems

6.1. Domain events

6.2. Process managers

6.3. Event Broker

6.4. Event Bus

6.5. Eventual Consistency

## 7. noSQL

7.1. MongoDB

7.2. CAP theorem in practice

## 8. SpringBoot

8.1. Managing and monitoring

8.2. Profiles

8.3. Deployment

## 9. Continuous Integration and Continuous Deployment