Introduction

In this lesson, we'll get a walkthrough of what this chapter holds for us.

We'll cover the following

- Why are microservices so important?
- Chapter walkthrough
- Quiz

Why are microservices so important?#

> One of the **strengths** of microservices is that different technologies can be used in *each individual microservice*.

The technologies in the microservices can be defined as part of the microarchitecture (see chapter 3 (https://www.educative.io/collection/page/10370001/6518081205567488/6218432796164096)).

However, there are **technical challenges** to consider when **selecting technologies** for microservices.

Chapter walkthrough

This chapter explains **how to deal with the technical microarchitecture:**

- The reader gets to know the **requirements** regarding, e.g., operation or resilience, which the microarchitecture has to fulfill.
- Often microservices are implemented with **reactive technologies**. Thus, the chapter discusses this option in more detail and explains when this approach makes sense.
- As a concrete example of technical microarchitecture, the chapter shows **Spring Boot** and **Spring Cloud**.
- Based on Spring Boot and Spring Cloud, the chapter shows how the **technical requirements the microarchitecture** has to address can be **fulfilled**.
- In addition, the chapter shows how the **programming language Go** in conjunction with appropriate frameworks fulfills the requirements **for implementing microservices.**

Quiz#

1 Which technology are microservices often implemented with as stated above?

A) REST

B) Reactive

C) HTTP

Submit Answer

Question 1 of 2
0 attempted

Reset Quiz

In the next lesson, we'll start with the first point from the list above and discuss the requirements, a technology for implementing microservices has to fulfill.

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