The QuoteServices App Case Study: Implementing the Zippy Microservice

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Learning Objectives in this Part of the Lesson

- Understand the implementation of the ZippyController & ZippyService classes running in the ZippyApplication microservice (also shows a custom SQL query)

QuoteDriver

Microservice-based Quotes App

HTTP GET/POST requests/responses

Gateway

Handey Application

Eureka

Zippy Application

Shows both parallel & sequential uses of the Jakarta Persistence API (JPA)
Implementing the Zippy Application Microservice
Implementing the ZippyApplication Microservice

```java
@Service
public class ZippyService
    extends BaseService<List<Quote>> {

    /**
     * Spring-injected repository that contains all quotes.
     * /
    @Autowired
    private QuoteRepository mRepository;

    /**
     * @return A {@link List} of all {@link Quote} objects
     * /
    public List<Quote> getAllQuotes() {
        System.out.println("ZippyService.getAllQuotes()");

        return mRepository
            .findAll();
    }
```
End of the QuoteServices App Case Study: Implementing the Zippy Microservice