

The QuoteServices App Case Study: Implementing the Zippy Microservice

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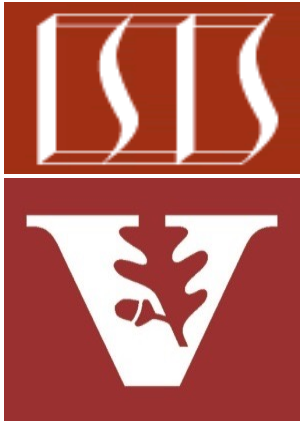
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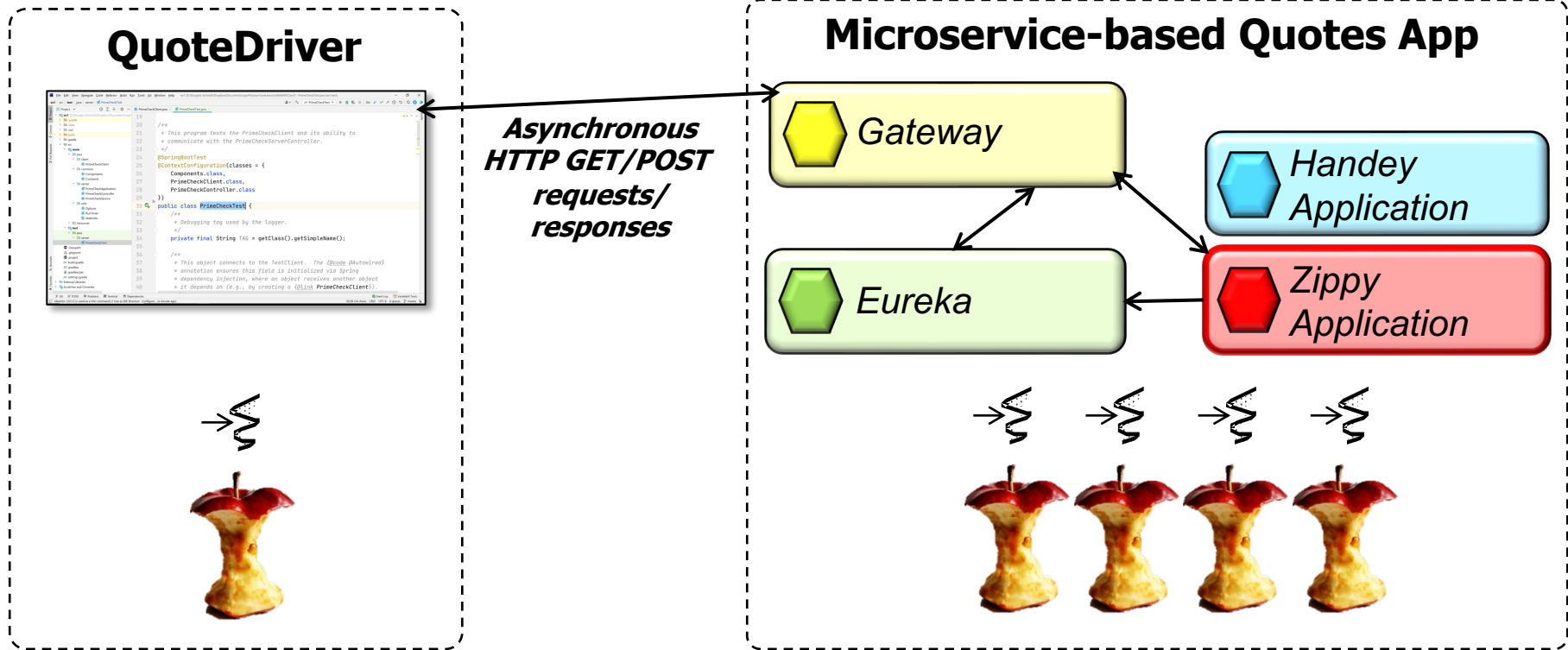
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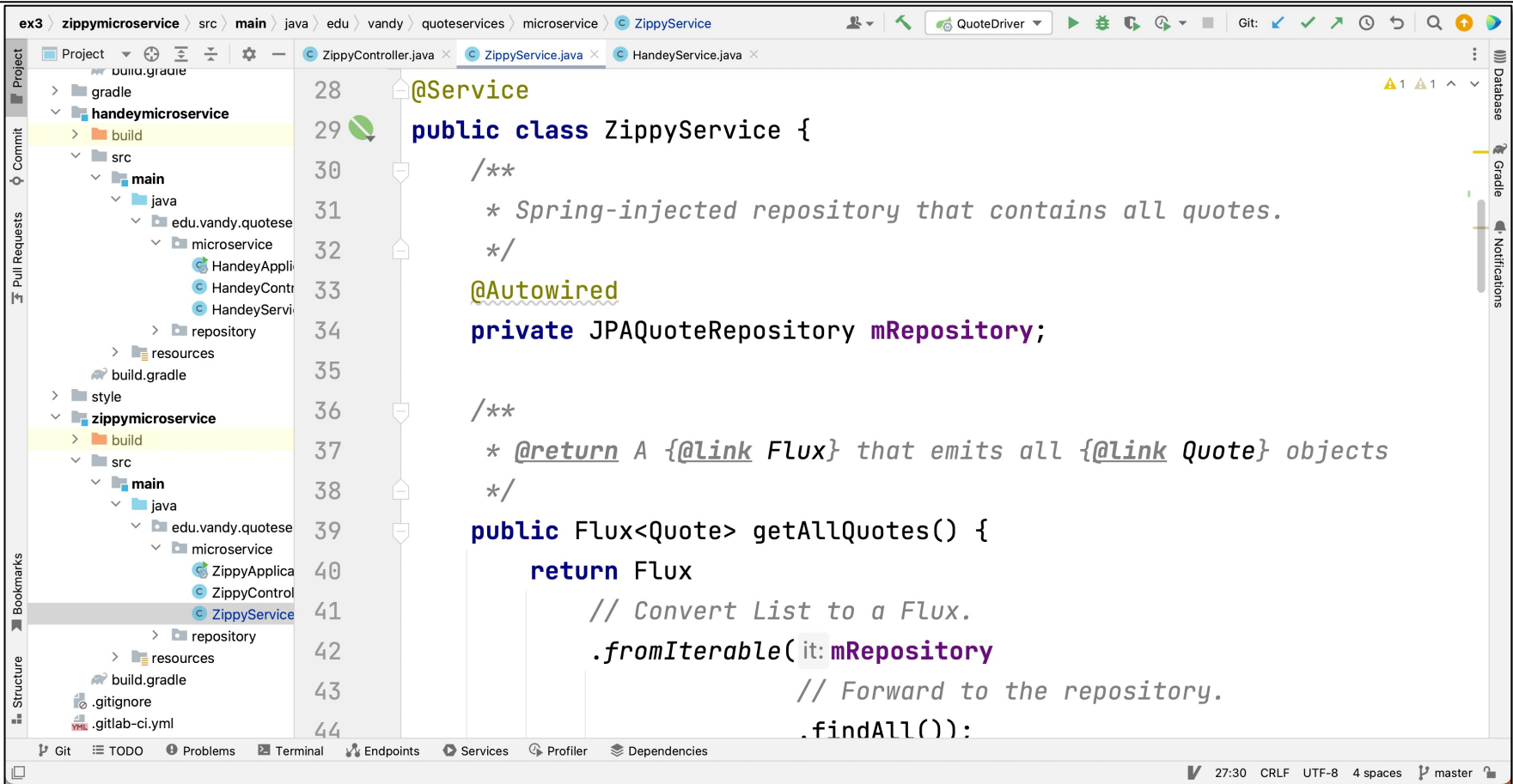
Learning Objectives in this Part of the Lesson

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



Implementing the Zippy Application Microservice

Implementing the ZippyApplication Microservice



```
28  @Service
29  public class ZippyService {
30      /**
31       * Spring-injected repository that contains all quotes.
32       */
33      @Autowired
34      private JPAQuoteRepository mRepository;
35
36      /**
37       * @return A {@link Flux} that emits all {@link Quote} objects
38       */
39      public Flux<Quote> getAllQuotes() {
40          return Flux
41              // Convert List to a Flux.
42              .fromIterable(it: mRepository
43                          // Forward to the repository.
44                          .findAll());
```

See [WebFlux/ex3/zippymicroservice/src/main/java/edu/vandy/quoteservices](https://webflux.io/ex3/zippymicroservice/src/main/java/edu/vandy/quoteservices)

End of the QuoteServices App Case Study: Implementing the Zippy Microservice