

The QuoteServices App Case Study: Implementing the Handey Microservice

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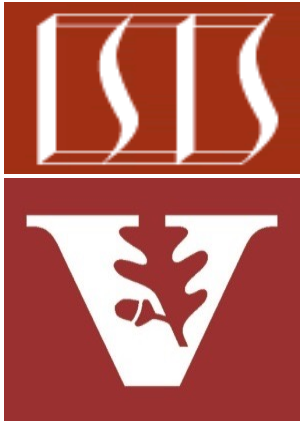
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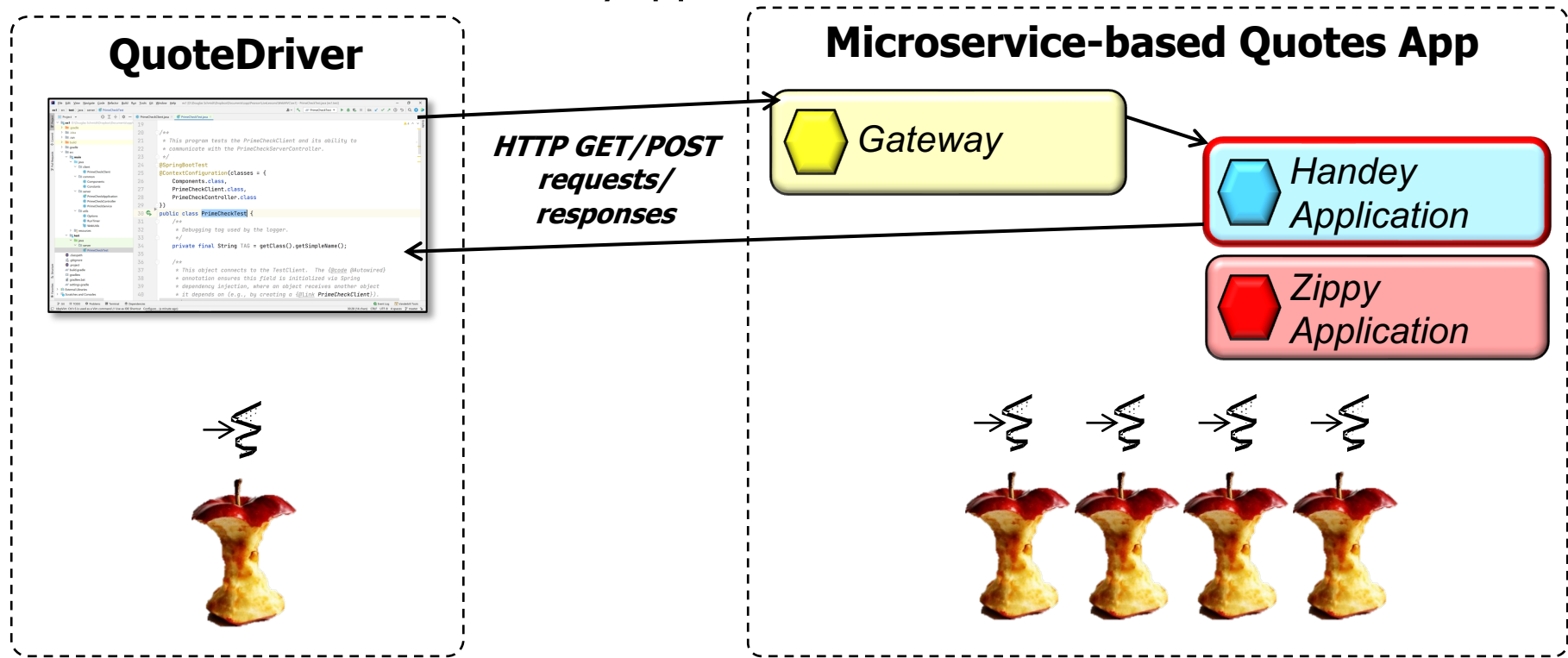
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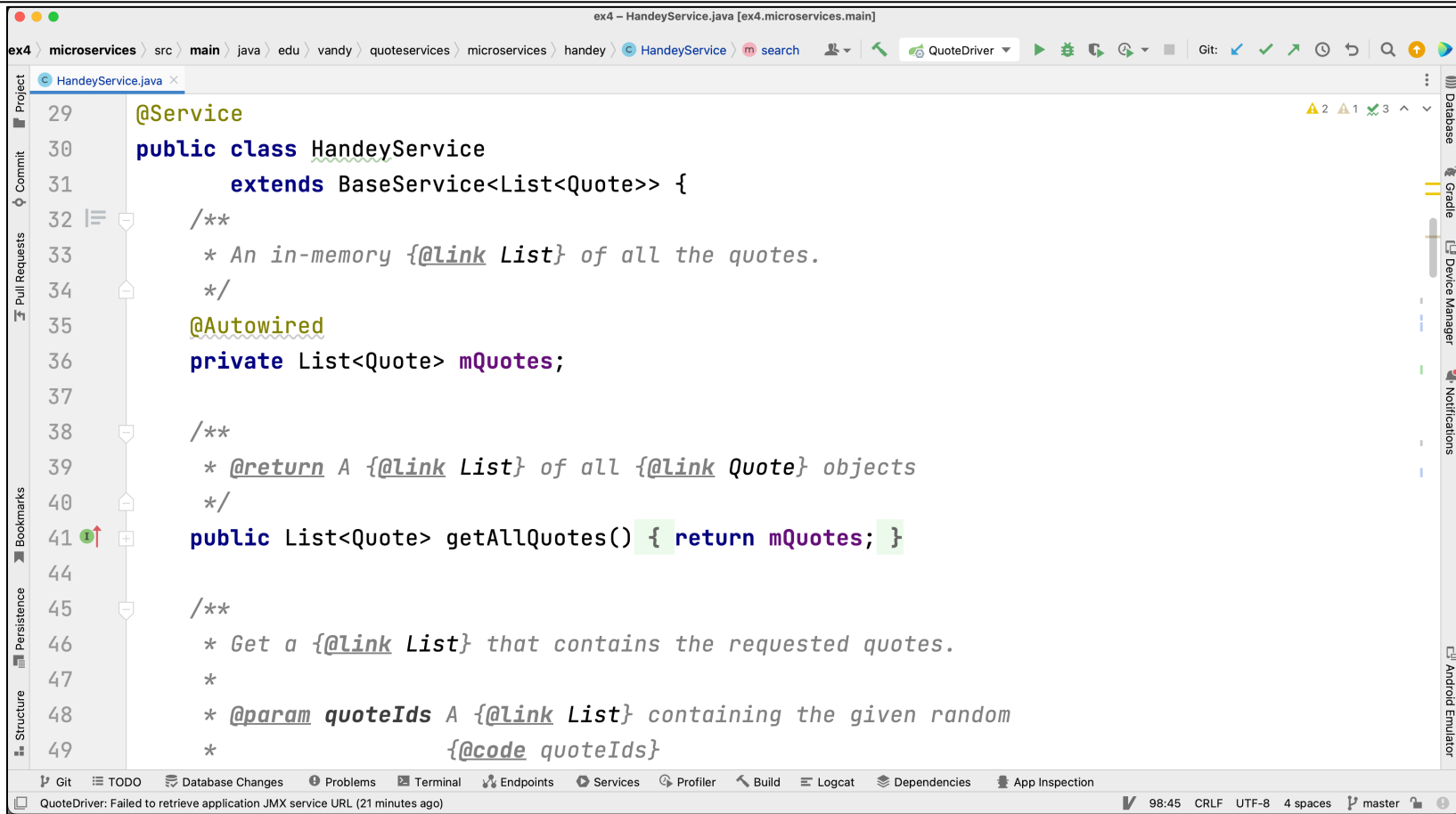
Learning Objectives in this Part of the Lesson

- Understand the implementation of the HandeyController & HandeyService classes that run in the HandeyApplication microservice



Implementing the Handey Application Microservice

Implementing the HandeyApplication Microservice



The screenshot shows an IDE window titled "ex4 - HandeyService.java [ex4.microservices.main]". The code is as follows:

```
29  @Service
30  public class HandeyService
31      extends BaseService<List<Quote>> {
32      /**
33       * An in-memory {@link List} of all the quotes.
34       */
35      @Autowired
36      private List<Quote> mQuotes;
37
38      /**
39       * @return A {@link List} of all {@link Quote} objects
40       */
41      public List<Quote> getAllQuotes() { return mQuotes; }
42
43
44
45      /**
46       * Get a {@link List} that contains the requested quotes.
47       *
48       * @param quoteIds A {@link List} containing the given random
49       *                 {@code quoteIds}
```

The IDE interface includes a left sidebar with "Project", "Commit", "Pull Requests", "Bookmarks", "Persistence", and "Structure" views. The right sidebar shows "Database", "Gradle", "Device Manager", "Notifications", and "Android Emulator" views. The bottom status bar displays "QuoteDriver: Failed to retrieve application JMX service URL (21 minutes ago)", "98:45", "CRLF", "UTF-8", "4 spaces", and "master".

See github.com/douglasraigschmidt/LiveLessons/tree/master/WebMVC/ex4

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