

# The QuoteServices App Case Study: Implementing the Gateway Microservice

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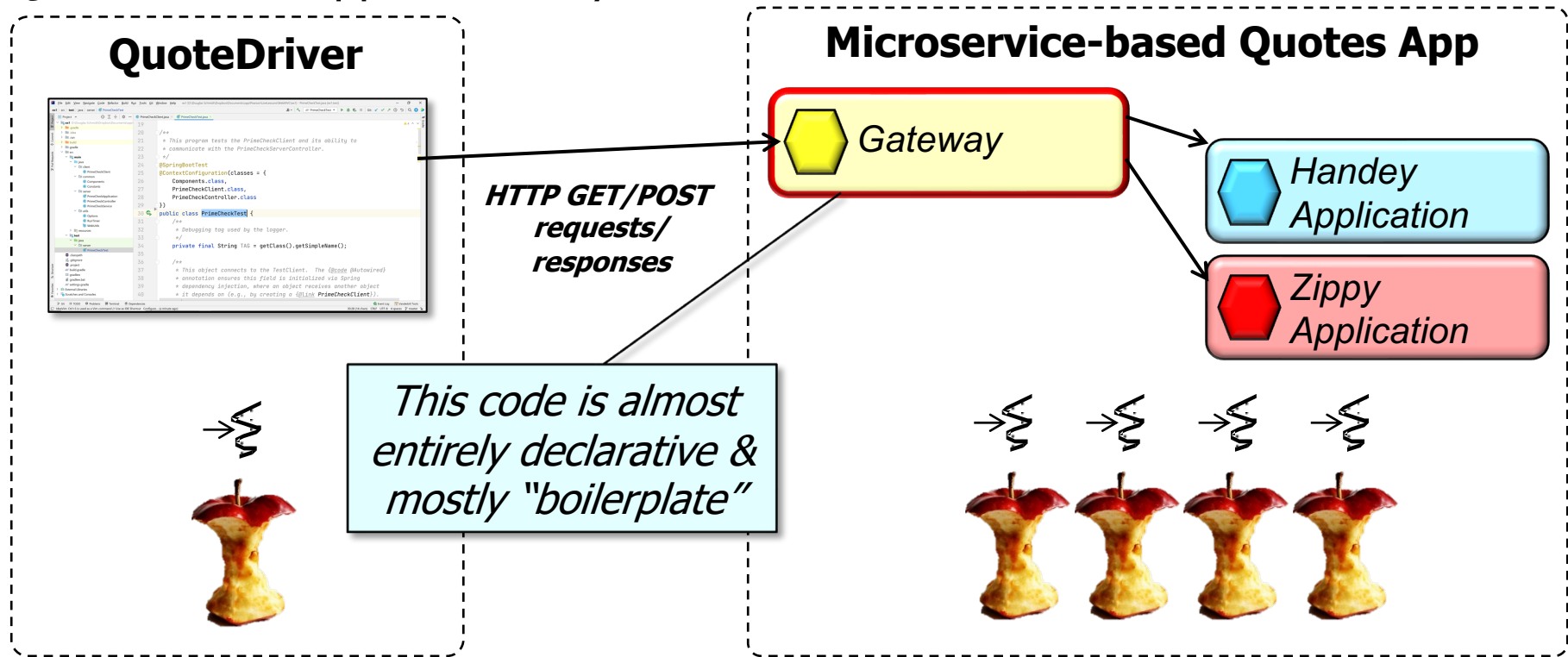
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# Learning Objectives in this Part of the Lesson

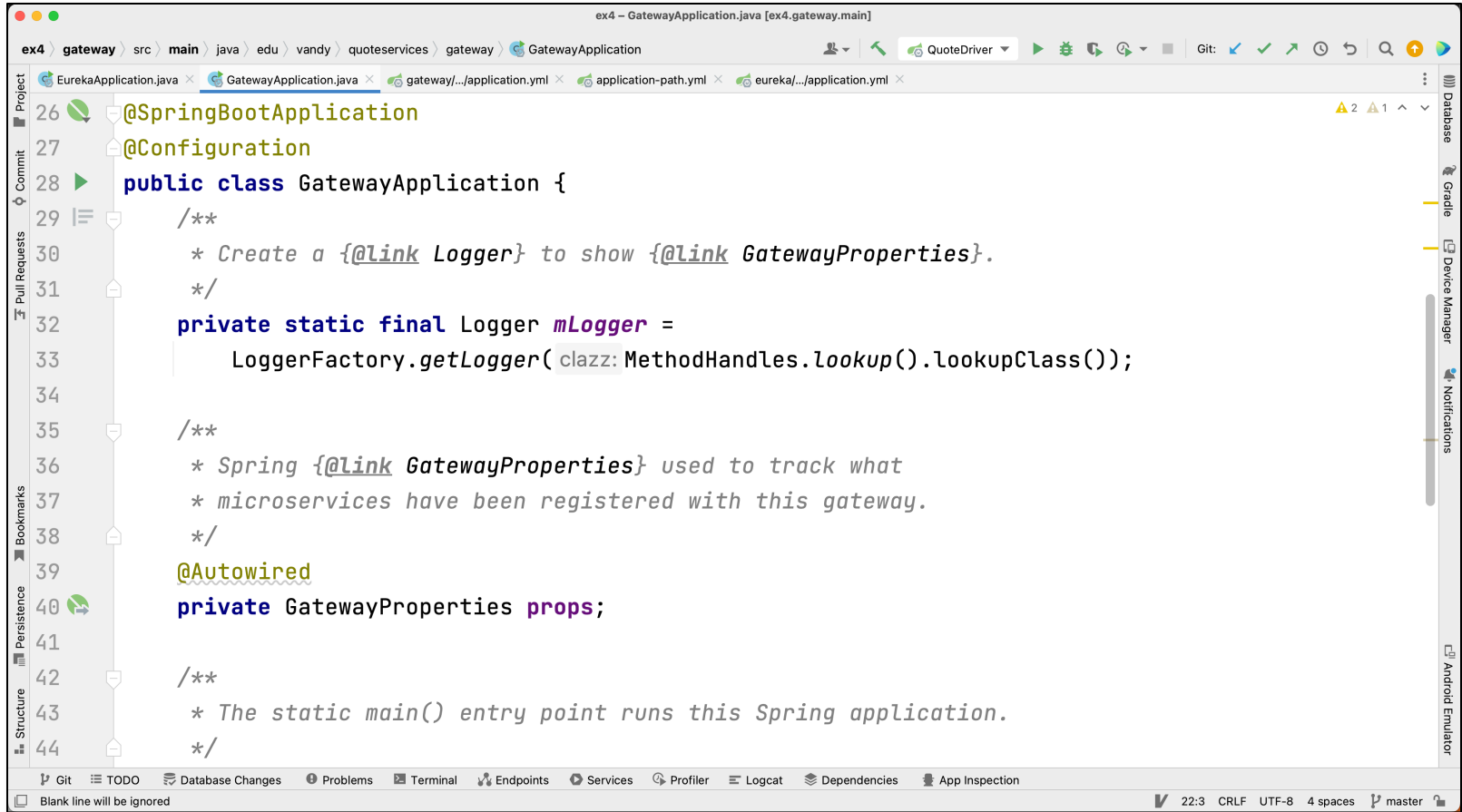
- Understand the implementation of the Gateway microservice in the QuoteServices app case study



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# Implementing the Gateway Microservice

# Implementing the Gateway Microservice



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

```
26 @SpringBootApplication
27 @Configuration
28 public class GatewayApplication {
29     /**
30      * Create a {@link Logger} to show {@link GatewayProperties}.
31      */
32     private static final Logger mLogger =
33         LoggerFactory.getLogger(clazz: MethodHandles.lookup().lookupClass());
34
35     /**
36      * Spring {@link GatewayProperties} used to track what
37      * microservices have been registered with this gateway.
38      */
39     @Autowired
40     private GatewayProperties props;
41
42     /**
43      * The static main() entry point runs this Spring application.
44      */
```

The IDE interface includes a sidebar with "Project", "Commit", "Pull Requests", "Bookmarks", "Persistence", and "Structure" views. The bottom status bar shows "Blank line will be ignored", "Git", "TODO", "Database Changes", "Problems", "Terminal", "Endpoints", "Services", "Profiler", "Logcat", "Dependencies", "App Inspection", "22:3", "CRLF", "UTF-8", "4 spaces", and "master".

See [github.com/douglasraigschmidt/LiveLessons/tree/master/WebMVC/ex4](https://github.com/douglasraigschmidt/LiveLessons/tree/master/WebMVC/ex4)

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# End of the QuoteServices App Case Study: Implementing the Gateway MicroService