

The QuoteServices App Case Study: Implementing Eureka & Gateway Microservices

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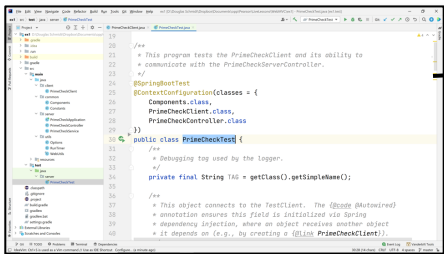
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Learning Objectives in this Part of the Lesson

- Understand the implementation of the Eureka & Gateway microservices

QuoteDriver

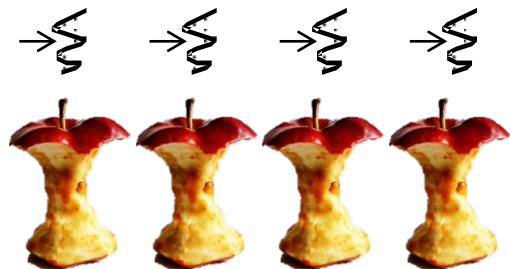
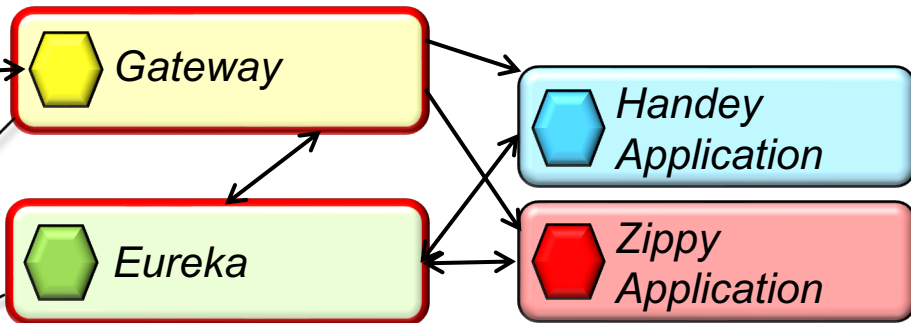


*HTTP GET
requests/
responses*



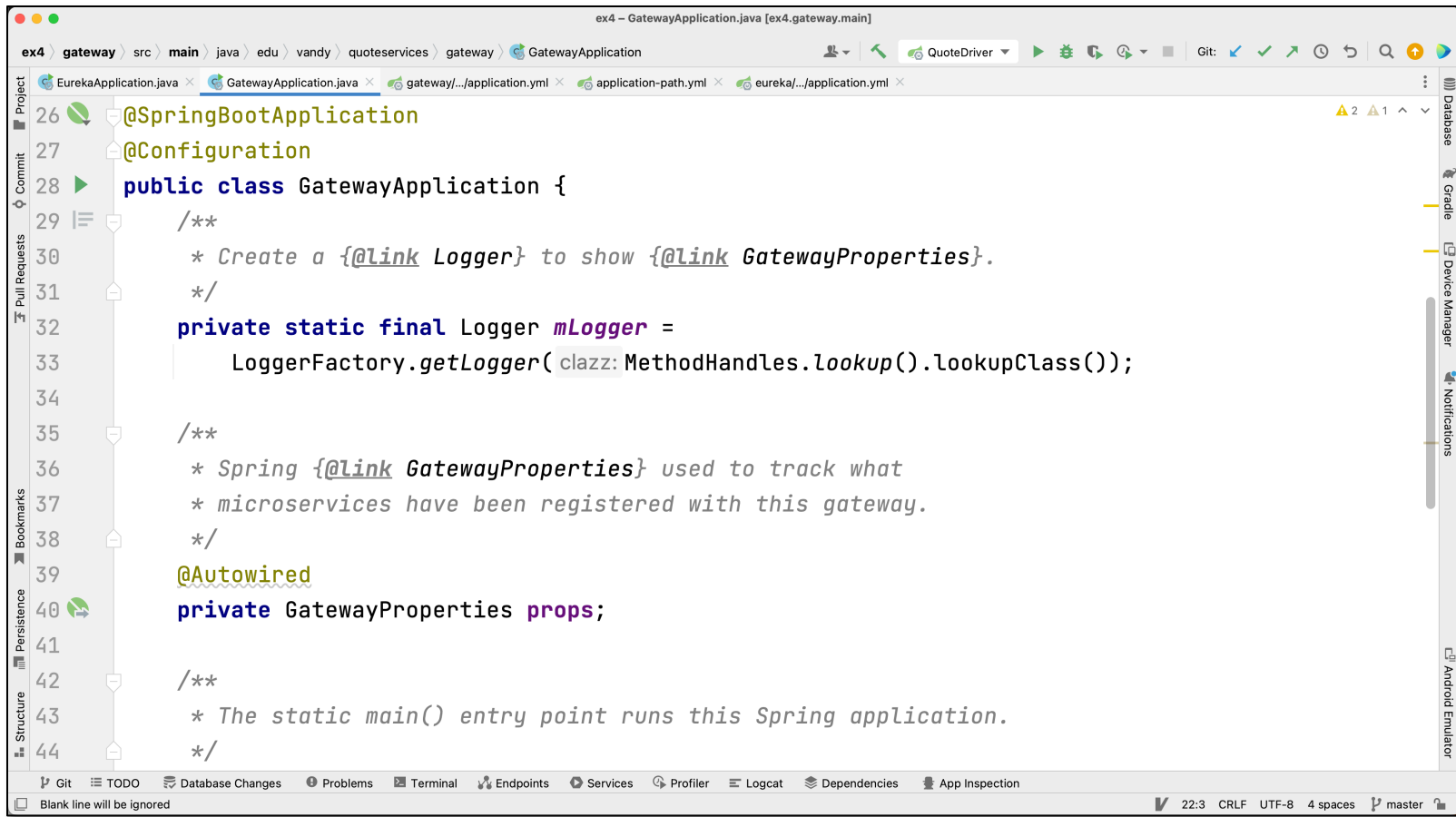
*This code is almost
entirely declarative*

Microservice-based Quotes App



Implementing the Eureka & Gateway Microservices

Implementing the Eureka & Gateway Microservices



```
ex4 - GatewayApplication.java [ex4.gateway.main]
ex4 | gateway | src | main | java | edu | vandy | quoteservices | gateway | GatewayApplication
EurekaApplication.java | GatewayApplication.java | gateway/.../application.yml | application-path.yml | eureka/.../application.yml
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      */
45 }
```

Git | TODO | Database Changes | Problems | Terminal | Endpoints | Services | Profiler | Logcat | Dependencies | App Inspection

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22:3 CRLF UTF-8 4 spaces master

See github.com/douglascraigschmidt/LiveLessons/tree/master/WebMVC/ex4/gateway

End of the QuoteServices App Case Study: Implementing Eureka & Gateway MicroServices