### The BerraQuotes App Case Study: Overview

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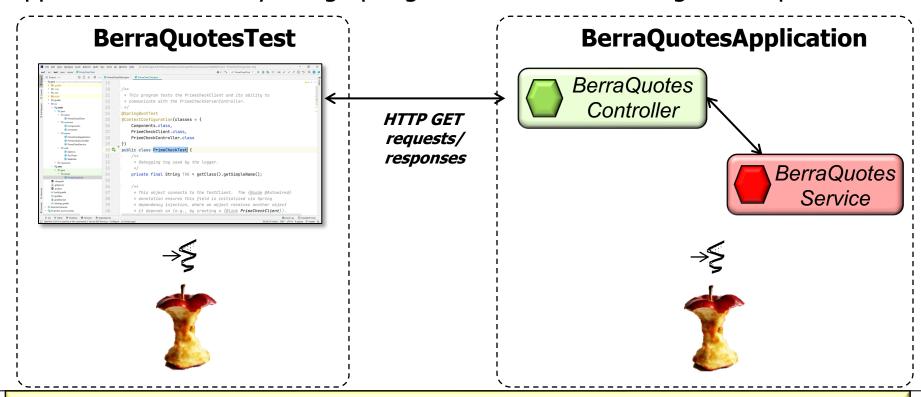
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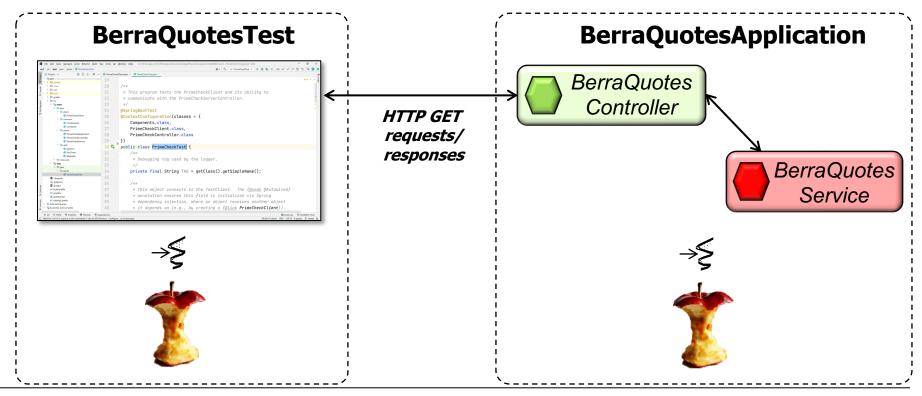
#### Learning Objectives in this Part of the Lesson

 Understand how functional programming & various Java frameworks are applied in a case study using Spring WebMVC to obtain Yogi Berra quotes

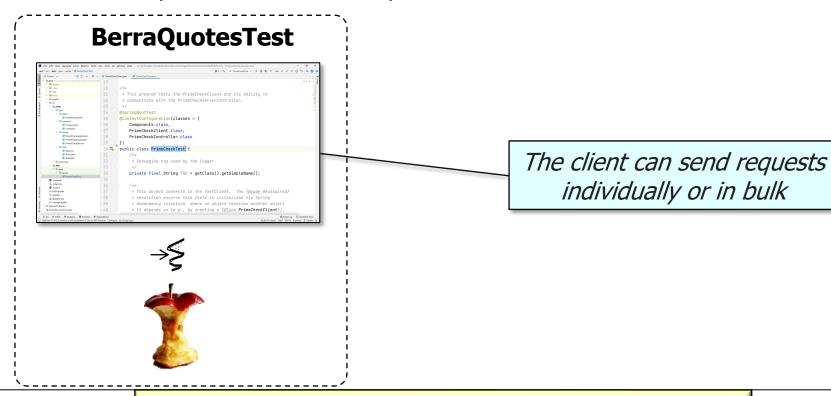


See github.com/douglascraigschmidt/LiveLessons/tree/master/WebMVC/ex2

 This case study shows how Spring WebMVC can be used to send & receive HTTP GET requests to/from a sequential microservice

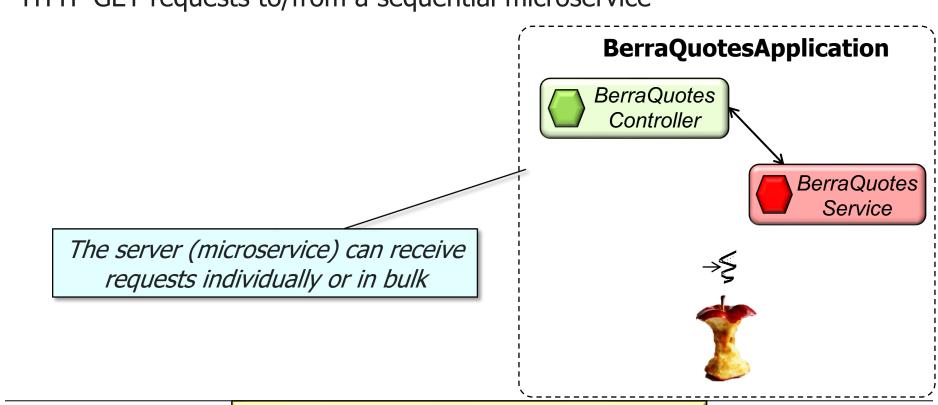


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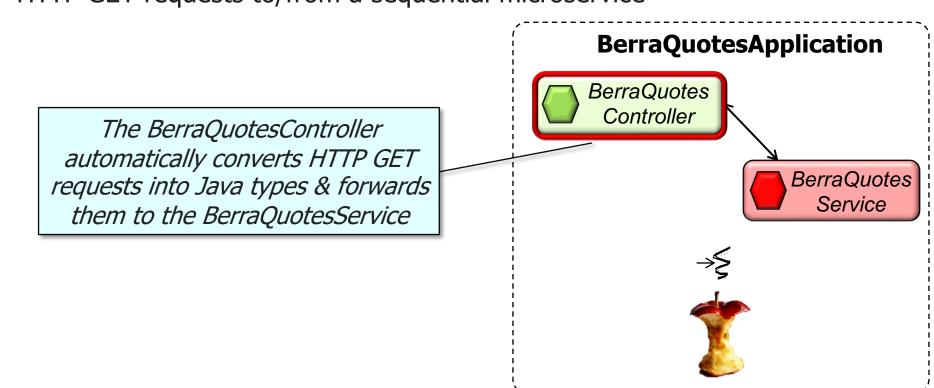
See WebMVC/ex2/src/test/java/berraquotes/client

 This case study shows how Spring WebMVC can be used to send & receive HTTP GET requests to/from a sequential microservice

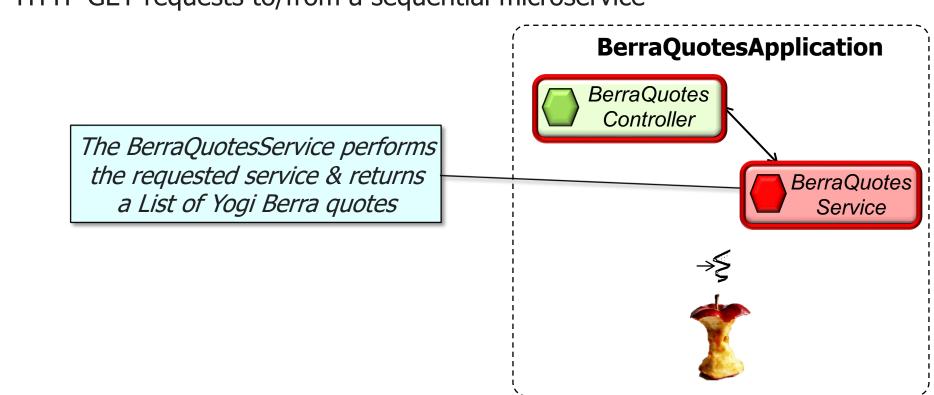


See WebMVC/ex2/src/main/java/server

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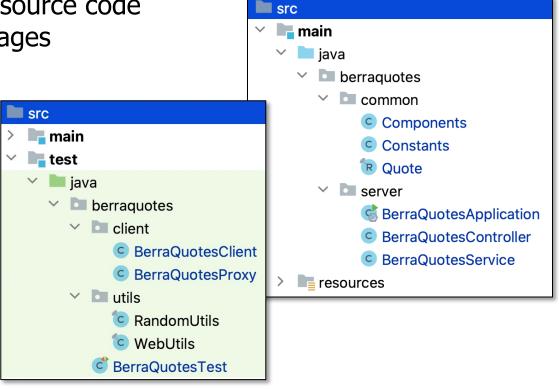


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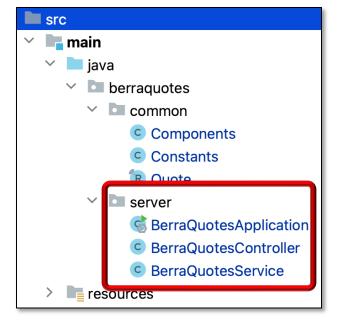


See WebMVC/ex2/src/main/java/berraquotes/server/BerraQuotesService.java

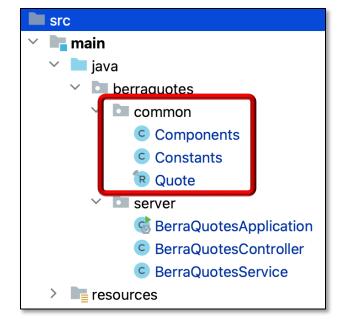
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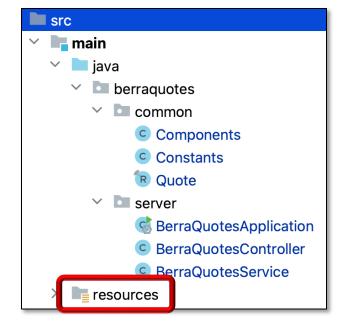
- The BerraQuotes App project source code is organized into several packages
  - main
    - berraquotes
      - Contains the "app" entry point, the controller, & the service



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  - main
    - berraquotes
      - Contains the "app" entry point, the controller, & the service
      - Consolidates various projectspecific helper classes & the model



- The BerraQuotes App project source code is organized into several packages
  - main
    - berraquotes
    - resources
      - Defines various application properties
        - e.g., name & port number



- The BerraQuotes App project source code is organized into several packages
  - test
    - BerraQuotesTest
      - This test driver initiates calls to the BerraQuotes microservice



- The BerraQuotes App project source code is organized into several packages
  - test
    - BerraQuotesTest
    - client
      - Sends HTTP GET requests to the BerraQuotes microservice



- The BerraQuotes App project source code is organized into several packages
  - test
    - BerraQuotesTest
    - client
    - utils
      - Consolidates various reusable helper classes



### End of the BerraQuotes App Case Study: Overview