

# The LockManager App Case Study: Implementing Server Components (Part 1)

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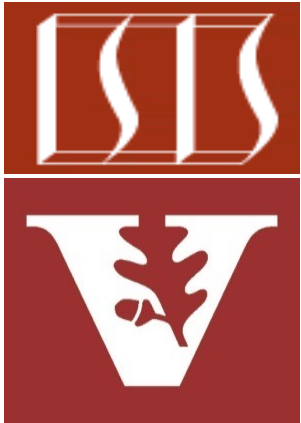
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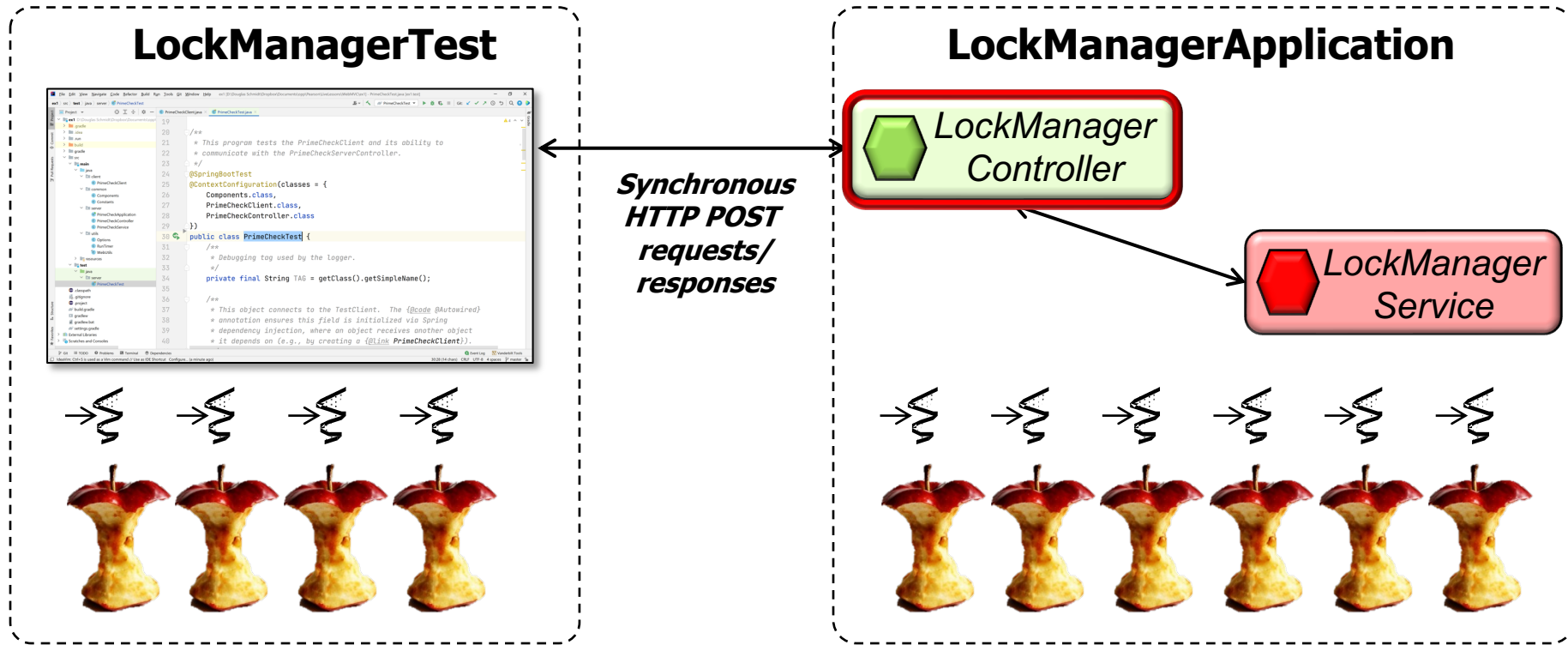
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# Learning Objectives in this Part of the Lesson

- Understand the implementation of the LockManagerController class in the LockManagerApplication microservice



See [github.com/douglasraigschmidt/LiveLessons/tree/master/WebMVC/ex5](https://github.com/douglasraigschmidt/LiveLessons/tree/master/WebMVC/ex5)

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# Implementing the LockManagerController

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The screenshot shows an IDE window with the following components:

- Project Structure:** Located on the left, it shows a project named 'ex5' with a directory structure: `src/main/java/edu/vandy/lockmanager/server`. The `LockManagerController` class is highlighted in the project tree.
- Code Editor:** The main area displays the source code for `LockManagerController.java`. The code is as follows:

```
17 @RestController
18 public class LockManagerController {
19     /**
20      * Auto-wire the {@link LockManagerController} to the
21      * {@link LockManagerService}.
22      */
23     @Autowired
24     LockManagerService mService;
25
26     /**
27      * @return Information indicating the {@link LockManagerController}
28      *         is running
29      */
30     @RequestMapping("/{}/")
31     public String isAlive() {
32         return "Alive and running on thread "
33             + Thread.currentThread();
```
- IDE Interface:** The top bar shows the file path `ex5 > src > main > java > edu > vandy > lockmanager > server > LockManagerController`. The bottom status bar shows the time `18:14`, encoding `CRLF`, `UTF-8`, `4 spaces`, and the branch `master`.

See [WebMVC/ex5/src/main/java/edu/vandy/lockmanager/server](https://github.com/leandrotavares/WebMVC/tree/master/ex5/src/main/java/edu/vandy/lockmanager/server)

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# End of the LockManager App Case Study: Implementing Server Components (Part 1)