The LockManager App Case Study: Test Driver & Client Implementation

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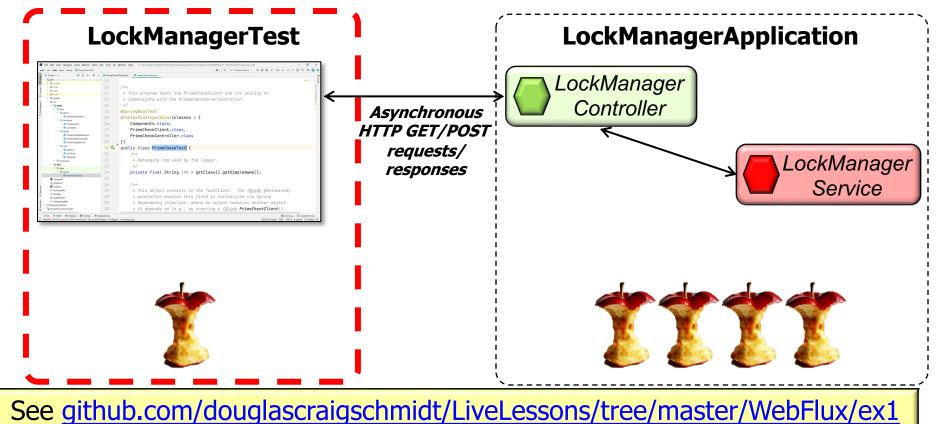
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Learning Objectives in this Part of the Lesson

 Understand the implementation of the LockManagerTest class & associated client code that invoke asynchronous methods on the LockManagerController



Implementing the LockManagerTest Driver

Implementing the LockManagerTest Driver

ex1 > src > test > java > edu > vandy > lockmanager > 📽 LockManagerTests 🕹 🖡 🔍 LockTests 🔹 🕨 🍇 🖏 🖓 🗸 📋 Git: 🖌 🗸 🚫 🕤 🔍 🚱 🕨		
Description of the second s		
e 🗸 📲 ex1 ~/Dropbox/Documents/LiveLesson	15 ≡ .	/**
Jeradle Jeradle Jeradle Jeradle		
idea	16	* This program tests the features of the {Olink LockManagerApplication}
	17	* microservice, which uses Spring WebFlux to provide a distributed
∽ ∨ ∎ src	18	<pre>* microservice, which uses Spring WebFlux to provide a distributed * lock manager for asynchronous Spring applications using</pre>
st in main		(0)
Image: State of the state of t	19	* asynchronous controller methods that return Project Reactor {@link
	20	* Mono} and {@link Flux} reactive objects. It also shows how to use the as
Image: Second system Image: Se	21	* HTTP interface features in Spring framework 6, which enables the
> resources	22	* definition of declarative HTTP services using Java interfaces.
i grightere i grightere	23	*/
gradlew		
i gradlew.bat	24 🥏	<pre>@SpringBootTest(classes = LockManagerApplication.class,</pre>
settings.gradle lill External Libraries	25	<pre>webEnvironment = SpringBootTest.WebEnvironment.DEFINED_PORT)</pre>
> The Scratches and Consoles	26 😘	<pre>class LockManagerTests {</pre>
narks	27	/**
Bookr	28	* The auto-wired {@link LockAPI} that accesses the {@link
	29	<pre>* LockManagerApplication} microservice.</pre>
Structure	30	*/
ซี ••	31	@Autowired
🕼 Git 🗮 TODO 🛛 Problems 🔯 Terminal 🔥 Endpoints 🔘 Services 🚱 Profiler 🔨 Build 📚 Dependencies		
🔲 Gradle sync finished in 14 s 669 ms (36 minutes ago)		

See <u>WebFlux/ex1/src/test/java/edu/vandy/lockmanager</u>

End of the LockManager App Case Study: Test Driver & Client Implementation