Chapter 2: Building RESTful Web Services in Spring 5 with Maven

```
Administrator Command Prompt

C:\>mvn --version
C:\
Apache Maven 3.3.9 (bb52d8502b132ec0a5a3f4c09453c07478323dc5; 2015-11-10T11:41:47-05:00)

Maven home: C:\apache-maven-3.3.9\bin\..

Java version: 1.8.0_91, vendor: Oracle Corporation

Java home: C:\Program Files\Java\jdx1.8.0_91\jre
Default locale: en_CA, platform encoding: Cp1252

OS name: "windows 10", version: "10.0", arch: "amd64", family: "dos"

C:\>
```

```
Apache Maven 3.0.5

Maven home: /usr/share/maven

Java version: 1.8.0_121, vendor: Oracle Corporation

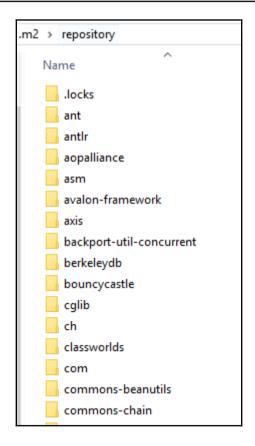
Java home: /usr/lib/jvm/java-8-oracle/jre

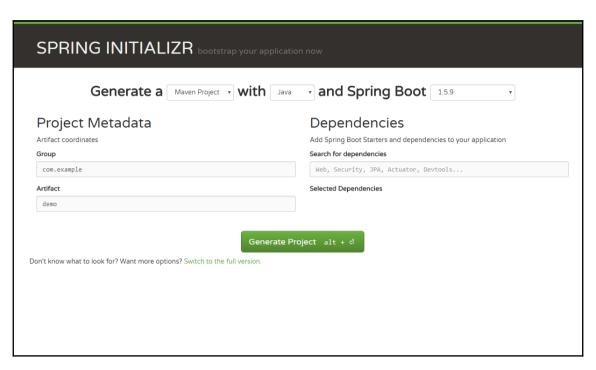
Default locale: en_US, platform encoding: UTF-8

OS name: "linux", version: "3.13.0-105-generic", arch: "amd64", family: "unix"
```



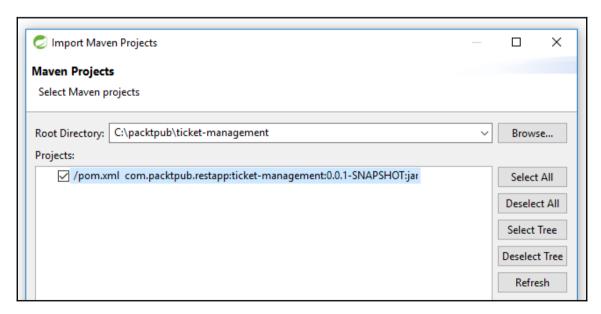
n2 > repository > org > apache > logging > log4j > log4j-core > 2.9.1				
Name	Date modified	Туре		
	2017-09-30 10:52	REPOSITORIES File		
🖺 log4j-core-2.9.1.jar	2017-09-30 10:52	Executable Jar File		
log4j-core-2.9.1.jar.md5	2017-09-30 10:52	MD5 File		
log4j-core-2.9.1.jar.sha1	2017-09-30 10:52	SHA1 File		
log4j-core-2.9.1.pom	2017-09-30 10:52	POM File		
log4j-core-2.9.1.pom.md5	2017-09-30 10:52	MD5 File		
log4j-core-2.9.1.pom.sha1	2017-09-30 10:52	SHA1 File		





Name	Date modified	Туре	Size
.mvn	2017-10-01 9:16 PM	File folder	
src	2017-10-01 9:16 PM	File folder	
	2017-10-01 9:16 PM	Text Document	1 KB
mvnw	2017-10-01 9:16 PM	File	7 KB
mvnw.cmd	2017-10-01 9:16 PM	Windows Comma	5 KB
pom.xml	2017-10-01 9:16 PM	Maxthon Document	2 KB

> sts-3.8.2.RELEASE			∨ 0
Name	Date modified	Туре	Size
configuration	2017-10-01 4:56 PM	File folder	
dropins	2016-10-04 12:55	File folder	
features	2016-10-04 12:54	File folder	
META-INF	2016-10-04 12:55	File folder	
p2	2017-10-01 4:56 PM	File folder	
, plugins	2016-10-04 12:54	File folder	
readme	2016-10-04 12:55	File folder	
.eclipseproduct	2016-10-04 1:06 AM	ECLIPSEPRODUCT	1 KE
artifacts.xml	2016-10-04 12:54	Maxthon Document	324 KE
E eclipsec.exe	2016-10-04 12:44	Application	18 KE
🕍 license.txt	2016-10-04 12:40	TXT File	12 KE
	2016-10-04 12:40	TXT File	2,243 KE
STS.exe	2016-12-21 8:17 PM	Application	306 KE
STS.ini	2016-10-04 12:56	Configuration sett	1 KE



```
F & S
                                      \nabla - \Box
☐ Package Explorer □
ticket-management [boot]

    tom.packtpub.restapp.ticketmanagement

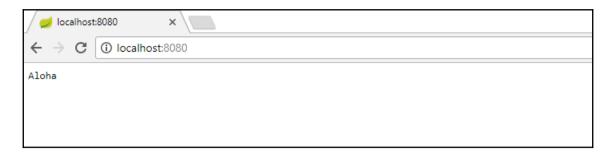
    TicketManagementApplication.java

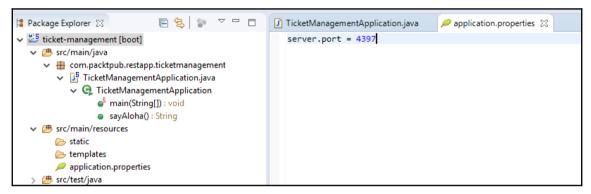
    Q TicketManagementApplication

               main(String[]): void
  static
       templates
       application.properties

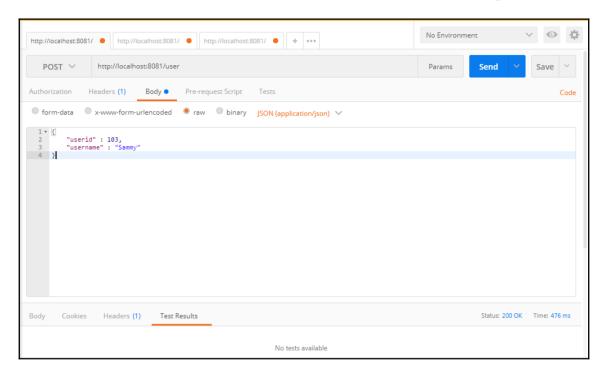
    # com.packtpub.restapp.ticketmanagement

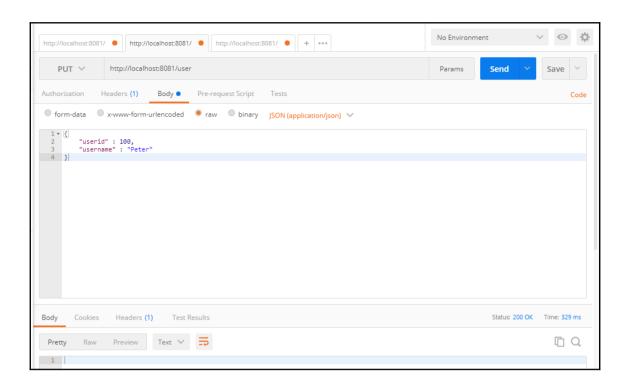
        TicketManagementApplicationTests.java
  JRE System Library [JavaSE-1.8]
  Maven Dependencies
  src
       main 🗁
       test
     target
       mvnw
     mvnw.cmd
     M pom.xml
```





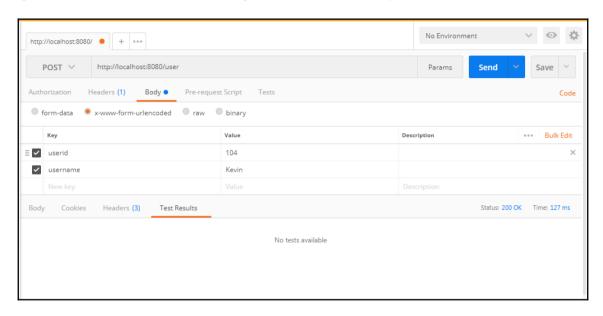
Chapter 4: CRUD Operations in Spring REST

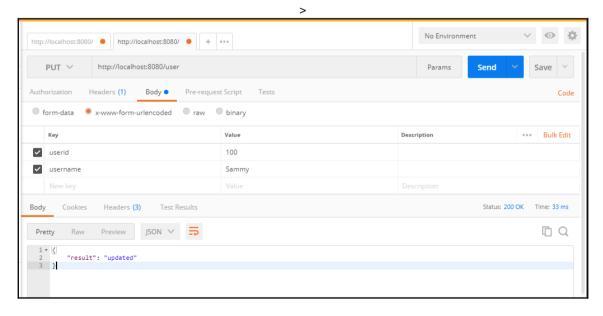




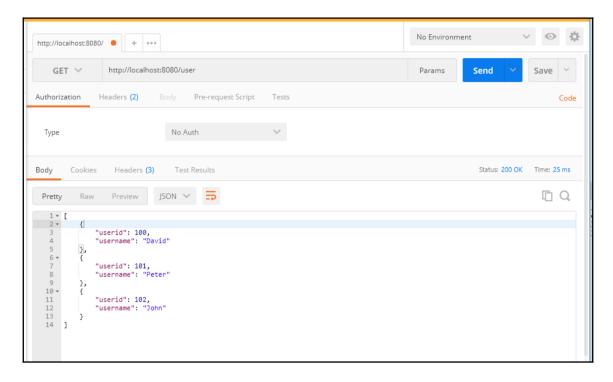
> v 💿 🔅 No Environment http://localhost:8081/ • http://localhost:8081/ • http://localhost:8081/ • + ••• DELETE V http://localhost:8081/user/100 Save Y Send Params Authorization Headers Body Pre-request Script Tests Code Type No Auth Body Cookies Headers (1) Test Results Status: 200 OK Time: 501 ms Pretty Raw Preview Text V (1) Q 1

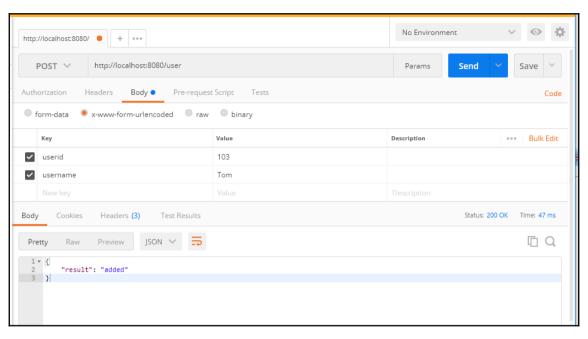
Chapter 5: CRUD Operations in Plain REST (Without Reactive) and File Upload

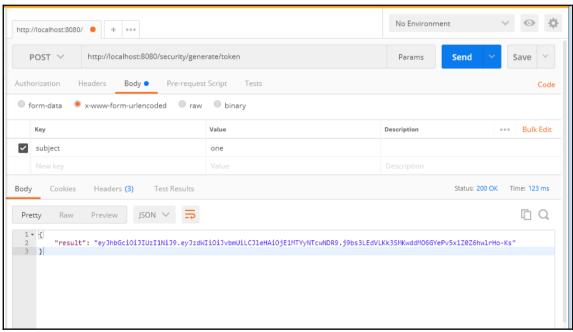


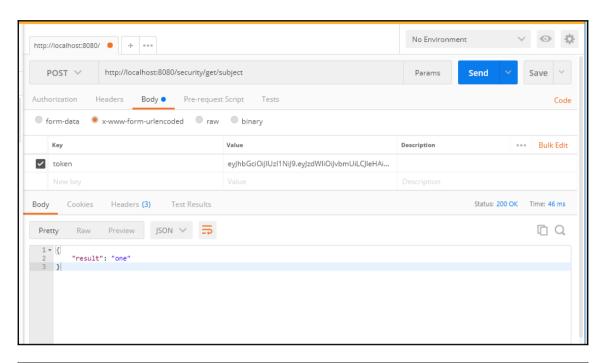


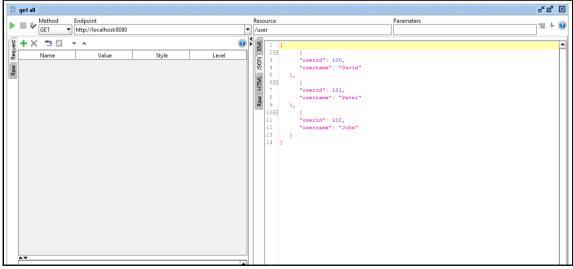
Chapter 7: Testing RESTful Web Services

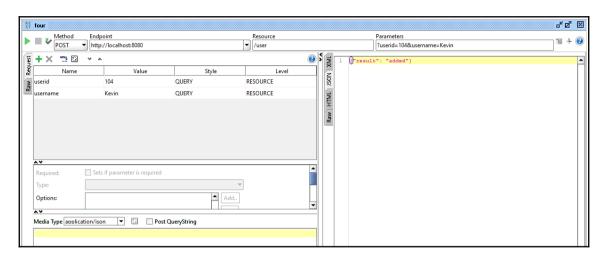


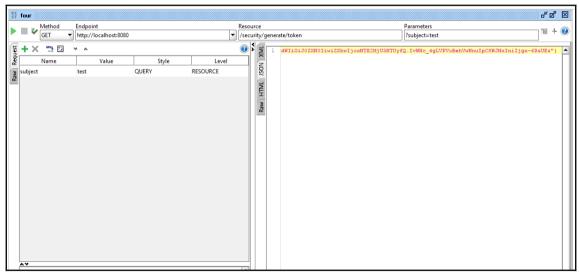


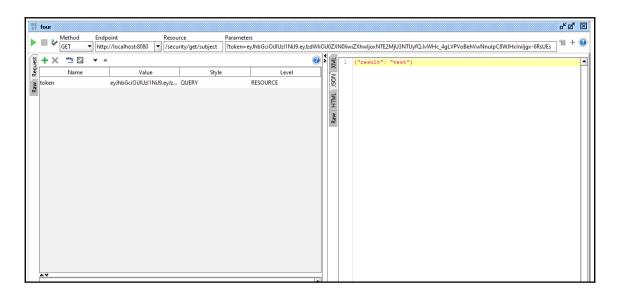


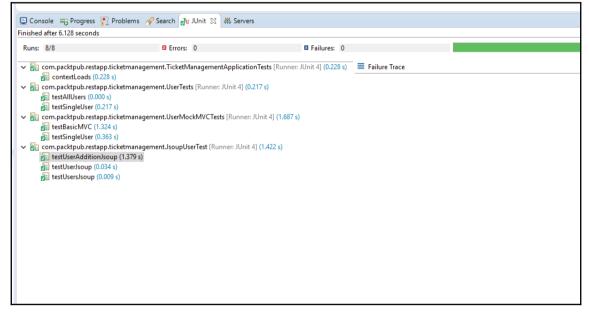




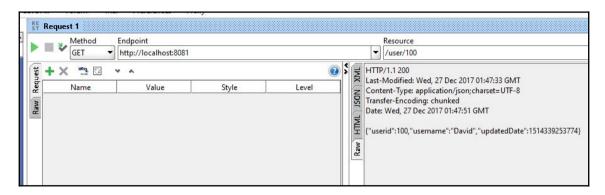


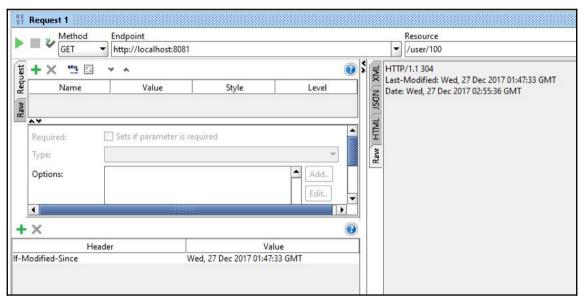


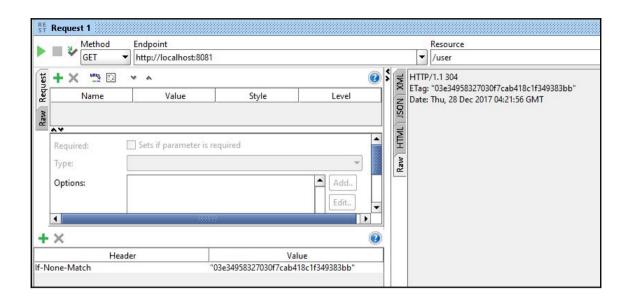




Chapter 8: Performance







Chapter 13: Ticket Management – Advanced CRUD

