File   Edit   Source   Refactor   Source   Navigate   Search   Project   Run   Window   Help

Project Explorer ×

```
> src
> target
  HELP.md
  mvnw
  mvnw.cmd
  pom.xml
> SecondDemo
> Servers
> ServletConcept
> ServletGetPost
> ServletInterface
> SimpleJSP
> SpringBootDemo [boot]
> SpringBootSecurity [boot]
> SpringBootStarter [boot]
> SpringFiles [boot]
> SpringMVC [boot]
v SpringRESTClient [boot]
  v src/main/java
    > com.ecommerce
    v com.ecommerce.beans
      > Quote.java
      > Value.java
    > com.ecommerce.controllers
    > META-INF
  > src/main/resources
  > src/test/java
```

Quote.java ×

```java
 1  package com.ecommerce.beans;
 2  import com.fasterxml.jackson.annotation.JsonIgnoreProperties;
 3
 4  @JsonIgnoreProperties(ignoreUnknown = true)
 5  public class Quote {
 6
 7      private String type;
 8      private Value value;
 9
10      public Quote() {
11      }
12
13      public String getType() {
14          return type;
15      }
16
17      public void setType(String type) {
18          this.type = type;
19      }
20
21      public Value getValue() {
22          return value;
23      }
24
25      public void setValue(Value value) {
26          this.value = value;
27      }
28
29      @Override
30      public String toString() {
31          return "Quote{" +
32                  "type='" + type + '\'' +
33                  ", value=" + value +
34                  '}';
35      }
36  }
```

File Edit Source Refactor Source Navigate Search Project Run Window Help

Project Explorer

- src
- target
- HELP.md
- mvnw
- mvnw.cmd
- pom.xml
- SecondDemo
- Servers
- ServletConcept
- ServletGetPost
- ServletInterface
- SimpleJSP
- SpringBootDemo [boot]
- SpringBootSecurity [boot]
- SpringBootStarter [boot]
- SpringFiles [boot]
- SpringMVC [boot]
- SpringRESTClient [boot]
  - src/main/java
    - com.ecommerce
    - com.ecommerce.beans
      - Quote.java
      - Value.java
    - com.ecommerce.controllers
    - META-INF
  - src/main/resources
  - src/test/java
  - JRE System Library [JavaSE-17]

Quote.java   Value.java

```java
1  package com.ecommerce.beans;
2
3  import com.fasterxml.jackson.annotation.JsonIgnoreProperties;
4
5  @JsonIgnoreProperties(ignoreUnknown = true)
6  public class Value {
7
8      private Long id;
9      private String quote;
10
11     public Value() {
12     }
13
14     public Long getId() {
15         return this.id;
16     }
17
18     public String getQuote() {
19         return this.quote;
20     }
21
22     public void setId(Long id) {
23         this.id = id;
24     }
25
26     public void setQuote(String quote) {
27         this.quote = quote;
28     }
29
30     @Override
31     public String toString() {
32         return "Value{" +
33                 "id=" + id +
34                 ", quote='" + quote + '\'' +
35                 '}';
36     }
37 }
```

File   Edit   Source   Refactor   Source   Navigate   Search   Project   Run   Window   Help

Project Explorer ×

> src
> target
  HELP.md
  mvnw
  mvnw.cmd
  pom.xml
> SecondDemo
> Servers
> ServletConcept
> ServletGetPost
> ServletInterface
> SimpleJSP
> SpringBootDemo [boot]
> SpringBootSecurity [boot]
> SpringBootStarter [boot]
> SpringFiles [boot]
> SpringMVC [boot]
> SpringRESTClient [boot]

Quote.java   Value.java   MainController.java ×

```java
 1 package com.ecommerce.controllers;
 2
 3 import org.springframework.stereotype.Controller;
 9
10 @Controller
11 public class MainController {
12
13     @RequestMapping("/")
14     @ResponseBody
15     public String index() {
16
17         RestTemplate restTemplate = new RestTemplate();
18         Quote quote = restTemplate.getForObject("https://gturnquist-quoters.cfapps.io/api/random", Quote.class);
19
20         return quote.toString();
21     }
22
23
24 }
```

File   Edit   Source   Navigate   Search   Project   Run   Design   Window   Help

Project Explorer ×

- Maven Dependencies
- target/generated-sources/annotations
- target/generated-test-sources/test-annotations
- src
- target
- HELP.md
- mvnw
- mvnw.cmd
- pom.xml
- SpringMVC [boot]
- SpringRESTClient [boot]
  - src/main/java
    - com.ecommerce
    - com.ecommerce.beans
      - Quote.java
      - Value.java
    - com.ecommerce.controllers
      - MainController.java
    - META-INF
  - src/main/resources
  - src/test/java
  - JRE System Library [JavaSE-17]
  - Maven Dependencies
  - target/generated-sources/annotations
  - target/generated-test-sources/test-annotations
  - src
  - target
  - HELP.md
  - mvnw
  - mvnw.cmd
  - pom.xml

Tabs: Quote.java   Value.java   MainController.java   MainController.java   SpringFiles/pom.xml   SpringRESTClient/pom.xml ×

```xml
 2 <?xml version="1.0" encoding="UTF-8"?>
 3 <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
 4     xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">
 5     <modelVersion>4.0.0</modelVersion>
 6     <parent>
 7         <groupId>org.springframework.boot</groupId>
 8         <artifactId>spring-boot-starter-parent</artifactId>
 9         <version>3.1.0</version>
10         <relativePath/> <!-- lookup parent from repository -->
11     </parent>
12     <groupId>com.ecommerce</groupId>
13     <artifactId>SpringRESTClient</artifactId>
14     <version>0.0.1-SNAPSHOT</version>
15     <name>SpringRESTClient</name>
16     <description>Demo project for Spring Boot</description>
17     <properties>
18         <java.version>17</java.version>
19     </properties>
20     <dependencies>
21         <dependency>
22             <groupId>org.springframework.boot</groupId>
23             <artifactId>spring-boot-starter-web</artifactId>
24         </dependency>
25
26         <dependency>
27             <groupId>org.springframework.boot</groupId>
28             <artifactId>spring-boot-starter-test</artifactId>
29             <scope>test</scope>
30         </dependency>
31     </dependencies>
32
33     <build>
34         <plugins>
35             <plugin>
36                 <groupId>org.springframework.boot</groupId>
37                 <artifactId>spring-boot-maven-plugin</artifactId>
38             </plugin>
39         </plugins>
40     </build>
41
41 </project>
```

Overview   Dependencies   Dependency Hierarchy   Effective POM   pom.xml

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File   Edit   Source   Refactor   Source   Navigate   Search   Project   Run   Window   Help

Markers Properties Servers Snippets Terminal Problems Bookmarks Console × Search JUnit

SpringRESTClient - SpringRestClientApplication [Spring Boot App] C:\Users\Srinivas\Downloads\sts-4.18.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (21-Jun-2023, 1

```
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   '  |____| .__|_| |_|_| |_| ) ) ) )
  =========|_|==============|___/=/_/_/_/
  :: Spring Boot ::                (v3.1.0)

2023-06-21T23:18:57.603+05:30  INFO 18396 --- [           main] c.ecommerce.SpringRestClientApplication   : Starting SpringRestClientApplication using Java 17.0.6 with PID 18396 (C:\User
2023-06-21T23:18:57.608+05:30  INFO 18396 --- [           main] c.ecommerce.SpringRestClientApplication   : No active profile set, falling back to 1 default profile: "default"
2023-06-21T23:18:58.926+05:30  INFO 18396 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer   : Tomcat initialized with port(s): 8080 (http)
2023-06-21T23:18:58.927+05:30  INFO 18396 --- [           main] o.a.catalina.core.AprLifecycleListener    : An older version [1.2.36] of the Apache Tomcat Native library is installed, wh
2023-06-21T23:18:58.927+05:30  INFO 18396 --- [           main] o.a.catalina.core.AprLifecycleListener    : Loaded Apache Tomcat Native library [1.2.36] using APR version [1.7.2].
2023-06-21T23:18:58.948+05:30  INFO 18396 --- [           main] o.a.catalina.core.AprLifecycleListener    : OpenSSL successfully initialized [OpenSSL 1.1.1t  7 Feb 2023]
2023-06-21T23:18:58.964+05:30  INFO 18396 --- [           main] o.apache.catalina.core.StandardService    : Starting service [Tomcat]
2023-06-21T23:18:58.965+05:30  INFO 18396 --- [           main] o.apache.catalina.core.StandardEngine     : Starting Servlet engine: [Apache Tomcat/10.1.8]
2023-06-21T23:18:59.084+05:30  INFO 18396 --- [           main] o.a.c.c.C.[Tomcat].[localhost].[/]        : Initializing Spring embedded WebApplicationContext
2023-06-21T23:18:59.085+05:30  INFO 18396 --- [           main] w.s.c.ServletWebServerApplicationContext  : Root WebApplicationContext: initialization completed in 1400 ms
2023-06-21T23:18:59.486+05:30  INFO 18396 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer   : Tomcat started on port(s): 8080 (http) with context path ''
2023-06-21T23:18:59.499+05:30  INFO 18396 --- [           main] c.ecommerce.SpringRestClientApplication   : Started SpringRestClientApplication in 2.413 seconds (process running for 3.35
```