dubbo+zk整合+boot

1. 搭建父工程 mavenboot

```xml
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
         xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
http://maven.apache.org/xsd/maven-4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>

    <groupId>org.edu</groupId>
    <artifactId>maven-boot-dubbo-parent</artifactId>
    <packaging>pom</packaging>
    <version>1.0-SNAPSHOT</version>
    <modules>
        <module>maven-boot-dubbo-interface</module>
        <module>maven-boot-dubbo-provider</module>
        <module>maven-boot-dubbo-consumer</module>
        <module>maven-boot-rpc-mock</module>
    </modules>

    ================================================================================
    ===
    <properties>
        <java.version>1.8</java.version>
        <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
        <project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>
        <boot-start-version>2.5.3</boot-start-version>
        <dubbo-spring-version>2.7.3</dubbo-spring-version>
        <dubbo-zk-version>2.7.3</dubbo-zk-version>
    </properties>
    <dependencyManagement>
        <dependencies>
            <dependency>
                <groupId>org.springframework.boot</groupId>
                <artifactId>spring-boot-starter</artifactId>
                <version>${boot-start-version}</version>
            </dependency>
            <dependency>
                <groupId>org.springframework.boot</groupId>
                <artifactId>spring-boot-starter-test</artifactId>
                <scope>test</scope>
                <exclusions>
                    <exclusion>
                        <groupId>org.junit.vintage</groupId>
                        <artifactId>junit-vintage-engine</artifactId>
```

```
41                    </exclusion>
42                </exclusions>
43                <version>${boot-start-version}</version>
44            </dependency>
45            <dependency>
46                <groupId>org.springframework.boot</groupId>
47                <artifactId>spring-boot-starter-web</artifactId>
48                <version>${boot-start-version}</version>
49            </dependency>
50            <dependency>
51                <groupId>org.apache.dubbo</groupId>
52                <artifactId>dubbo-spring-boot-starter</artifactId>
53                <version>${dubbo-spring-version}</version>
54            </dependency>
55            <dependency>
56                <groupId>org.apache.dubbo</groupId>
57                <artifactId>dubbo-registry-zookeeper</artifactId>
58                <version>${dubbo-zk-version}</version>
59                <exclusions>
60                    <exclusion>
61                        <groupId>org.slf4j</groupId>
62                        <artifactId>slf4j-log4j12</artifactId>
63                    </exclusion>
64                </exclusions>
65            </dependency>
66        </dependencies>
67    </dependencyManagement>
68    ====================================================================
    ========
69 </project>
```

2. 搭建服务暴露接口

```java
api暴露接口                                    Java    复制代码

1  public interface SiteService {
2      //同步调用方法
3      String getSiteById(String name);
4  }
```

3. 服务提供者

```xml
<dependencies>
    ========================================================================
    <dependency>
        <groupId>org.edu</groupId>
        <artifactId>maven-boot-dubbo-interface</artifactId>
        <version>1.0-SNAPSHOT</version>
    </dependency>
    ========================================================================
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter</artifactId>
    </dependency>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-test</artifactId>
        <scope>test</scope>
        <exclusions>
            <exclusion>
                <groupId>org.junit.vintage</groupId>
                <artifactId>junit-vintage-engine</artifactId>
            </exclusion>
        </exclusions>
    </dependency>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-web</artifactId>
    </dependency>
    <dependency>
        <groupId>org.apache.dubbo</groupId>
        <artifactId>dubbo-spring-boot-starter</artifactId>
    </dependency>
    <dependency>
        <groupId>org.apache.dubbo</groupId>
        <artifactId>dubbo-registry-zookeeper</artifactId>
        <exclusions>
            <exclusion>
                <groupId>org.slf4j</groupId>
                <artifactId>slf4j-log4j12</artifactId>
            </exclusion>
        </exclusions>
    </dependency>
</dependencies>
```

2. 写实现类，@Service

4.服务消费者

```java
<dependencies>
      <dependency>
          <groupId>org.edu</groupId>
          <artifactId>maven-boot-dubbo-interface</artifactId>
          <version>1.0-SNAPSHOT</version>
      </dependency>
      <dependency>
          <groupId>org.springframework.boot</groupId>
          <artifactId>spring-boot-starter</artifactId>
      </dependency>
      <dependency>
          <groupId>org.springframework.boot</groupId>
          <artifactId>spring-boot-starter-test</artifactId>
          <scope>test</scope>
          <exclusions>
              <exclusion>
                  <groupId>org.junit.vintage</groupId>
                  <artifactId>junit-vintage-engine</artifactId>
              </exclusion>
          </exclusions>
      </dependency>
      <dependency>
          <groupId>org.springframework.boot</groupId>
          <artifactId>spring-boot-starter-web</artifactId>
      </dependency>
      <dependency>
          <groupId>org.apache.dubbo</groupId>
          <artifactId>dubbo-spring-boot-starter</artifactId>
      </dependency>
      <dependency>
          <groupId>org.apache.dubbo</groupId>
          <artifactId>dubbo-registry-zookeeper</artifactId>
          <exclusions>
              <exclusion>
                  <groupId>org.slf4j</groupId>
                  <artifactId>slf4j-log4j12</artifactId>
              </exclusion>
          </exclusions>
      </dependency>
  </dependencies>
```

```
@Reference
private StockService stockService;
```