

# dubbo+zk整合+boot

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## 1. 搭建父工程 mavenboot

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <project xmlns="http://maven.apache.org/POM/4.0.0"
3          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4          xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
5          http://maven.apache.org/xsd/maven-4.0.0.xsd">
6
7      <groupId>org.edu</groupId>
8      <artifactId>maven-boot-dubbo-parent</artifactId>
9      <packaging>pom</packaging>
10     <version>1.0-SNAPSHOT</version>
11     <modules>
12         <module>maven-boot-dubbo-interface</module>
13         <module>maven-boot-dubbo-provider</module>
14         <module>maven-boot-dubbo-consumer</module>
15         <module>maven-boot-rpc-mock</module>
16     </modules>
17
18     =====
19     <properties>
20         <java.version>1.8</java.version>
21         <project.build.sourceEncoding>UTF-
22         8</project.build.sourceEncoding>
23         <project.reporting.outputEncoding>UTF-
24         8</project.reporting.outputEncoding>
25         <boot-start-version>2.5.3</boot-start-version>
26         <dubbo-spring-version>2.7.3</dubbo-spring-version>
27         <dubbo-zk-version>2.7.3</dubbo-zk-version>
28     </properties>
29     <dependencyManagement>
30         <dependencies>
31             <dependency>
32                 <groupId>org.springframework.boot</groupId>
33                 <artifactId>spring-boot-starter</artifactId>
34                 <version>${boot-start-version}</version>
35             </dependency>
36             <dependency>
37                 <groupId>org.springframework.boot</groupId>
38                 <artifactId>spring-boot-starter-test</artifactId>
39                 <scope>test</scope>
40                 <exclusions>
41                     <exclusion>
42                         <groupId>org.junit.vintage</groupId>
43                         <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

▼ 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

```
1      <dependencies>
2          =====
3      <dependency>
4          <groupId>org.edu</groupId>
5          <artifactId>maven-boot-dubbo-interface</artifactId>
6          <version>1.0-SNAPSHOT</version>
7      </dependency>
8          =====
9      <dependency>
10         <groupId>org.springframework.boot</groupId>
11         <artifactId>spring-boot-starter</artifactId>
12     </dependency>
13     <dependency>
14         <groupId>org.springframework.boot</groupId>
15         <artifactId>spring-boot-starter-test</artifactId>
16         <scope>test</scope>
17         <exclusions>
18             <exclusion>
19                 <groupId>org.junit.vintage</groupId>
20                 <artifactId>junit-vintage-engine</artifactId>
21             </exclusion>
22         </exclusions>
23     </dependency>
24     <dependency>
25         <groupId>org.springframework.boot</groupId>
26         <artifactId>spring-boot-starter-web</artifactId>
27     </dependency>
28     <dependency>
29         <groupId>org.apache.dubbo</groupId>
30         <artifactId>dubbo-spring-boot-starter</artifactId>
31     </dependency>
32     <dependency>
33         <groupId>org.apache.dubbo</groupId>
34         <artifactId>dubbo-registry-zookeeper</artifactId>
35         <exclusions>
36             <exclusion>
37                 <groupId>org.slf4j</groupId>
38                 <artifactId>slf4j-log4j12</artifactId>
39             </exclusion>
40         </exclusions>
41     </dependency>
42 </dependencies>
```

2. 写实现类, @Service

#### 4.服务消费者

```
1  <dependencies>
2      <dependency>
3          <groupId>org.edu</groupId>
4          <artifactId>maven-boot-dubbo-interface</artifactId>
5          <version>1.0-SNAPSHOT</version>
6      </dependency>
7      <dependency>
8          <groupId>org.springframework.boot</groupId>
9          <artifactId>spring-boot-starter</artifactId>
10     </dependency>
11     <dependency>
12         <groupId>org.springframework.boot</groupId>
13         <artifactId>spring-boot-starter-test</artifactId>
14         <scope>test</scope>
15         <exclusions>
16             <exclusion>
17                 <groupId>org.junit.vintage</groupId>
18                 <artifactId>junit-vintage-engine</artifactId>
19             </exclusion>
20         </exclusions>
21     </dependency>
22     <dependency>
23         <groupId>org.springframework.boot</groupId>
24         <artifactId>spring-boot-starter-web</artifactId>
25     </dependency>
26     <dependency>
27         <groupId>org.apache.dubbo</groupId>
28         <artifactId>dubbo-spring-boot-starter</artifactId>
29     </dependency>
30     <dependency>
31         <groupId>org.apache.dubbo</groupId>
32         <artifactId>dubbo-registry-zookeeper</artifactId>
33         <exclusions>
34             <exclusion>
35                 <groupId>org.slf4j</groupId>
36                 <artifactId>slf4j-log4j12</artifactId>
37             </exclusion>
38         </exclusions>
39     </dependency>
40 </dependencies>
```

@Reference

**private** StockService **stockService**;