Spring配置:常用数据类型注入

Dependence Injection 依赖注入,是在Spring IOC(控制反转)中为所创建对象属性赋值的方式,以下介绍常用的注入方式。

首先将Spring引入配置信息展示以下:

Spring配置信息,一般取名为 applicationContext.xml.

▲ 歩 src/main/resources

図 applicationContext.xml

□ arc/test/ionc

<?xml version="1.0" encoding="utf-8"?>

<beans xmlns="http://www.springframework.org/schema/beans"
 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
 xsi:schemaLocation="http://www.springframework.org/schema/beans
 http://www.springframework.org/schema/beans/spring-beans.xsd">
</beans>

首先我们先创建一个学生类,并写相应属性:

```
public class Student {
    private List<Address> address;
    private int age;
    private String gender;
    private List<String> hobbys;
    private int id;
    private String name;
    private Address[] address1;
    private Map<String, Integer> teach;
```

Student类

直接看代码,更加容易理解,注意对应着属性类型去看。

```
<bean id="address1" class="com.itgf.student.Address">
   roperty name="province" value="上海">
   cproperty name="city" value="上海">
   roperty name="area" value="宝山区">
</bean>
<bean id="address2" class="com.itgf.student.Address">
   cproperty name="province" value="北京">
   cproperty name="city" value="平坛">
   cproperty name="area" value="高新区">
</bean>
<bean id="address3" class="com.itqf.student.Address">
   cproperty name="province" value="江苏">
   cproperty name="city" value="徐州">
   cproperty name="area" value="云龙区"></property>
</bean>
<!--Student student = new Student() -->
```

```
<bean id="student" class="com.itgf.student.Student">
   cproperty name="id" value="1001" />
   property name="name" value="詹三" />
   cproperty name="age" value="18" />
   property name="gender" value="&" />
   <! -- 基本数据类型 -->
   property name="salary">
       <array>
           <value>1000</value>
           <value>2000</value>
           <value>3000</value>
       </array>
   </property>
   <! -- 基本数据类型 -->
   property name="hobbys">
       t>
           <value>唱歌</value>
           <value>跳舞</value>
           <value>书法</value>
       </list>
   </property>
```

```
<! -- 引用数据类型 -->
   cproperty name="Address">
       t>
           <ref bean="address1" />
            <ref bean="address2" />
            <ref bean="address3" />
        </list>
   </property>
    <!-- 引用数据类型 -->
   property name="address1">
        <array>
            <ref bean="address1" />
            <ref bean="address2" />
            <ref bean="address3" />
        </array>
   </property>
   property name="teach">
        <map>
           <entry key="英语" value="11"></entry>
            <entry key="语文" value="2222"></entry>
            <entry key="数学" value="333"></entry>
        </map>
   </property>
</bean>
```