

## Collections example:

### Beans.xml

```
<?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-3.0.xsd">

  <bean id = "helloWorld" class = "mypackage.first.HelloWorld" >
    <property name = "browsers">
      <list>
        <value>
          chrome
        </value>
        <value>
          firefox
        </value>
        <value>
          edge
        </value>
      </list>
    </property>
  </bean>
</beans>
```

### HelloWorld.java

```
package mypackage.first;

import java.util.List;

public class HelloWorld {
    private List browsers;
```

```

    public void setBrowsers(List browsers)
    {
        this.browsers=browsers;
    }

    public void getBrowsers(){
        System.out.println(browsers);
    }
}

```

### **MainApp.java**

```
package mypackage.first;
```

```
import org.springframework.context.ApplicationContext;
```

```
import org.springframework.context.support.ClassPathXmlApplicationContext;
```

```

public class MainApp {
    public static void main(String[] args) {
        ApplicationContext context = new ClassPathXmlApplicationContext("Beans.xml");
        HelloWorld obj = (HelloWorld) context.getBean("helloWorld");
        obj.getBrowsers();
    }
}

```

### **Auto wiring example:**

#### **Beans.xml**

```
<?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-3.0.xsd">
```

```
<bean id = "one" class = "mypackage.first.HelloWorld" >
```

```
<property name = "message"><value>hello</value>
</property>
```

```
</bean>
```

```
<bean id = "two" class = "mypackage.first.HelloWorld2" autowire="byName"/>
```

```
</beans>
```

### **MainApp.java**

```
package mypackage.first;
```

```
import org.springframework.context.ApplicationContext;
```

```
import org.springframework.context.support.ClassPathXmlApplicationContext;
```

```
public class MainApp {
```

```
    public static void main(String[] args) {
```

```
        ApplicationContext context = new ClassPathXmlApplicationContext("Beans.xml");
```

```
        HelloWorld obj = (HelloWorld) context.getBean("one");
```

```
        // obj.getMessage();
```

```
        String ss= obj.mymessage();
```

```
        System.out.println(ss);
```

```
    }
```

```
}
```

### **HelloWorld2.java**

```
package mypackage.first;
```

```
public class HelloWorld2 {
```

```
    HelloWorld one;
```

```
    public void setOne(HelloWorld one){
```

```
        this.one=one;
```

```
    }
```

```
    public String displayMessage(){
```

```
        return one.mymessage();
```

```
}  
}
```

### **HelloWorld.java**

```
package mypackage.first;
```

```
import java.util.List;
```

```
public class HelloWorld {  
    private String message;  
    public void setMessage(String message)  
    {  
        this.message=message;  
    }  
    public String mymessage()  
    {  
        return message;  
    }  
}
```