

## POM

```
<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>SpringFundamentals</groupId>
  <artifactId>Scope-Customer</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <dependencies>
    <dependency>
      <groupId>org.springframework</groupId>
      <artifactId>spring-context</artifactId>
      <version>4.3.10.RELEASE</version>
    </dependency>
  </dependencies>
</project>
```

## Address

```
package com.spring.app;

public class Address {
    private String street;
    private String city;
    private int pincode;

    public String getStreet() {
        return street;
    }

    public void setStreet(String street) {
        this.street = street;
    }

    public String getCity() {
        return city;
    }

    public void setCity(String city) {
        this.city = city;
    }

    public int getPincode() {
        return pincode;
    }
}
```

```
        public void setPincode(int pincode) {
            this.pincode = pincode;
        }
    }
}
```

## Customer

```
package com.spring.app;

public class Customer {

    private int custId;
    private String custName;
    private Address address;

    public int getCustId() {
        return custId;
    }

    public void setCustId(int custId) {
        this.custId = custId;
    }

    public String getCustName() {
        return custName;
    }

    public void setCustName(String custName) {
        this.custName = custName;
    }

    public Address getAddress() {
        return address;
    }

    public void setAddress(Address address) {
        this.address = address;
    }

}
```

## Driver

```
package com.spring.app;

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

```

public class Driver {
    public static void main(String[] args) {
        ConfigurableApplicationContext ctx = new
ClassPathXmlApplicationContext("beans.xml");
        // Creating the first customer object and updating the city
        Customer custObj1 = (Customer) ctx.getBean("custObj");
        custObj1.getAddress().setCity("Greenville");
        System.out.println("Customer City of first Customer: " +
custObj1.getAddress().getCity());

        // Creating the Second customer object
        Customer custObj2 = (Customer) ctx.getBean("custObj");
        System.out.println("Default customer City of second
Customer: " + custObj2.getAddress().getCity());

        ctx.close();
    }
}

```

## beans

```

<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-
4.0.xsd">

    <bean id="addrObj" class="com.spring.app.Address"
scope="prototype"/>

    <bean id="custObj" class="com.spring.app.Customer"
scope="prototype">
        <property name="address" ref="addrObj" />
    </bean>

</beans>

```