

Setter Injection



Spring Injection Types

- Constructor Injection
- Setter Injection

**Inject dependencies by calling
setter method(s) on your class**

Development Process - Setter Injection

Step-By-Step

1. Create setter method(s) in your class for injections
2. Configure the dependency injection in Spring config file

Step1: Create setter method(s) in your class for injections

File: CricketCoach.java

```
public class CricketCoach implements Coach {  
  
    private FortuneService fortuneService;  
  
    public CricketCoach() {  
    }  
  
    public void setFortuneService(FortuneService fortuneService) {  
        this.fortuneService = fortuneService;  
    }  
    ...  
}
```


Step 2: Configure the dependency injection in Spring config file

File: applicationContext.xml

```
<bean id="myFortuneService"  
      class="com.luv2code.springdemo.HappyFortuneService">  
</bean>  
  
<bean id="myCricketCoach"  
      class="com.luv2code.springdemo.CricketCoach">  
  
    <property name="fortuneService" ref="myFortuneService" />  
  
</bean>
```


Call setter method on Java class

```
<property name="fortuneService" ref="myFortuneService" />
```

```
public void setFortuneService(...)
```


Call setter method on Java class

```
<property name="bestAthlete" ref="..." />
```

```
public void setBestAthlete(...)
```


How Spring Processes your Config File

```
<bean id="myFortuneService"  
      class="com.luv2code.springdemo.HappyFortuneService">  
</bean>
```

Spring Framework

```
HappyFortuneService myFortuneService =  
    new HappyFortuneService();
```


How Spring Processes your Config File

```
<bean id="myFortuneService"  
      class="com.luv2code.springdemo.HappyFortuneService">  
</bean>
```

Spring Framework

```
HappyFortuneService myFortuneService =  
    new HappyFortuneService();
```

```
<bean id="myCricketCoach"  
      class="com.luv2code.springdemo.CricketCoach">  
  
    <property name="fortuneService" ref="myFortuneService" />  
  
</bean>
```

Spring Framework

```
CricketCoach myCricketCoach =  
    new CricketCoach();  
  
myCricketCoach.setFortuneService(myFortuneService);
```