

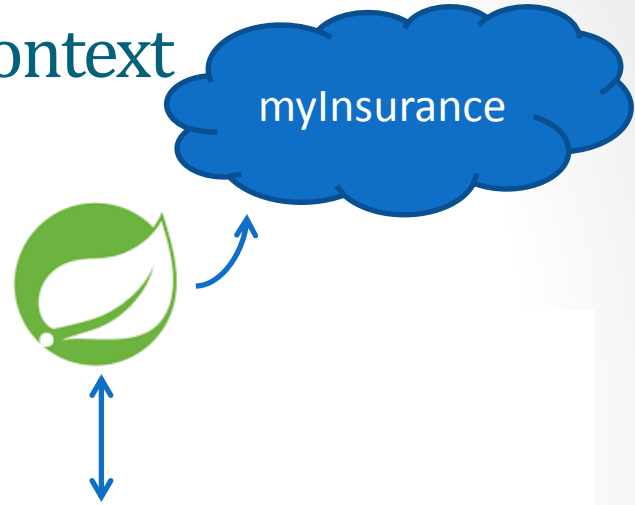
Internal Working

Creating a object for Application context

```
public class User {  
  
    public static void main(String[] args) {  
  
        FileSystemXmlApplicationContext context =  
            new FileSystemXmlApplicationContext("Beans.xml");  
        Insurance status = context.getBean("myInsurance", Insurance.class);  
        System.out.println(status.showStatus());  
        context.close();  
    }  
}
```

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        System.out.println(status.showStatus());  
        context.close();  
    }  
}
```



What's Inside 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"
       xmlns:context="http://www.springframework.org/schema/context"
       xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans.xsd
http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-4.3.xsd">

    <bean id="myInsurance" class="org.studyeasy.spring.BikeInsurance"></bean>

    <bean id="Offer" class="org.studyeasy.spring.Offers"></bean>

    <context:annotation-config/>
</beans>
```

What's Inside 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"
       xmlns:context="http://www.springframework.org/schema/context"
       xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans.xsd
http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-4.3.xsd">

    <bean id="myInsurance" class="org.studyeasy.spring.BikeInsurance"></bean>

    <bean id="Offer" class="org.studyeasy.spring.Offers"></bean>

    <context:annotation-config/>
</beans>
```

What's inside the package

-  Java Resources
 -  src
 -  org.studyeasy.spring
 -  BikeInsurance.java
 -  Insurance.java
 -  User.java

Let's scan classes and interfaces for annotations

```
public class User {  
    public static void main(String[] args) {  
        FileSystemXmlApplicationContext context =  
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        Insurance status = context.getBean("myInsurance", Insurance.class);  
        System.out.println(status.showStatus());  
        context.close();  
    }  
}
```

Let's scan classes and interfaces for component annotation

```
package org.studyeasy.spring;
```

```
|  
public interface Insurance {  
    String showStatus();  
}
```


Let's scan classes and interfaces for annotations

```
package org.studyeasy.spring;

import org.springframework.beans.factory.annotation.Autowired;

public class BikeInsurance implements Insurance {

    @Autowired
    public BikeInsurance(Offers offer) {

        System.out.println(offer.getOffer());
    }

    @Override
    public String showStatus() {

        return "Your Bike is Insured";
    }
}
```

Registration Phase

```
package org.studyeasy.spring;

import org.springframework.beans.factory.annotation.Autowired;

public class BikeInsurance implements Insurance {
    @Autowired
    public BikeInsurance(Offers offer) {

        System.out.println(offer.getOffer());
    }
    @Override
    public String showStatus() {

        return "Your Bike is Insured";
    }
}
```

Registration Phase

```
package org.studyeasy.spring;

import org.springframework.beans.factory.annotation.Autowired;

public class BikeInsurance implements Insurance {

    @Autowired
    public BikeInsurance(Offers offer) {

        System.out.println(offer.getOffer());
    }

    @Override
    public String showStatus() {

        return "Your Bike is Insured";
    }
}
```

Finally Spring gives the object

```
public class User {  
    public static void main(String[] args) {  
        FileSystemXmlApplicationContext context =  
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        Insurance status = context.getBean("myInsurance", Insurance.class);  
        System.out.println(status.showStatus());  
        context.close();  
    }  
}
```



Thanks for watching