

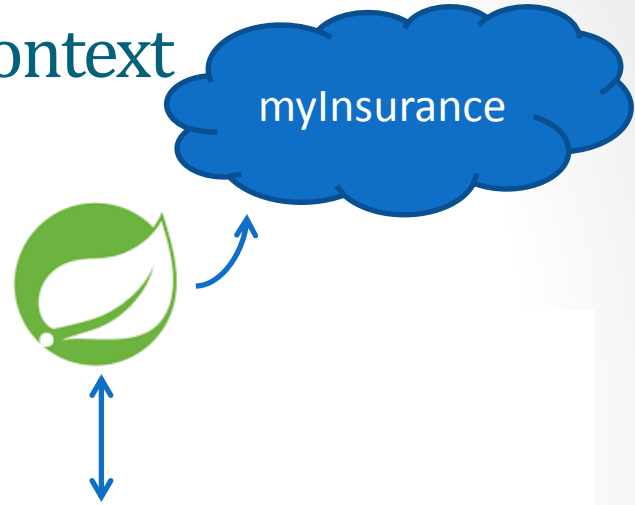
Internal Working

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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    }  
}
```



What's Inside Beans.xml

```
<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-2.5.xsd
http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-2.5.xsd">

    <context:component-scan base-package="org.studyeasy.spring" />

</beans>
```







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<beans xmlns="http://www.springframework.org/schema/beans"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
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http://www.springframework.org/schema/beans/spring-beans-2.5.xsd
http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-2.5.xsd">

  <context:component-scan base-package="org.studyeasy.spring" />

</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 component annotation

```
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();  
    }  
}
```

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 component annotation

```
package org.studyeasy.spring;

import org.springframework.stereotype.Component;
@Component("myInsurance")
public class BikeInsurance implements Insurance{

    @Override
    public String showStatus() {

        return "Your Bike is Insured";
    }

}
```

Registration Phase

```
package org.studyeasy.spring;

import org.springframework.stereotype.Component;
@Component("myInsurance")
public class BikeInsurance implements Insurance{

    @Override
    public String showStatus() {

        return "Your Bike is Insured";
    }

}
```

Finally Spring gives the object

```
public class User {  
    public static void main(String[] args) {  
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        System.out.println(status.showStatus());  
        context.close();  
    }  
}
```



Thanks for watching