

# XML Namespace Tabanlı Spring AOP Kullanımı



# XML Tabanlı Spring AOP

- XML dosya içerisinde **AOP namespace** tag'leri kullanarak da aspect'lerin tanımlanması mümkündür
- Bütün **aspect** tanımları **<aop:config>** elemanları içerisinde yapılır  
**<aop:config>**  
...  
**</aop:config>**
- XML metadata içerisinde birden fazla **<aop:config>** elemanı yer alabilir

# Around Advice

```

<bean id="aspectBean" class="x.y.LoggingAspect">
    ...
</bean>

<aop:config>
    <aop:pointcut id="servicePcd" expression=
"execution(* com.xyz.service.*(..))"/>

    <aop:aspect id="myAspect" ref="aspectBean">
        <aop:around
            pointcut-ref="servicePcd"
            method="log"/>
    </aop:aspect>

</aop:config>

```

Aspect bean tanımı

LoggingAspect sınıfındaki log advice metodu

# Before Advice

```
<aop:aspect id="beforeExample" ref="aBean">
  <aop:before
    pointcut-ref="dataAccessOperation"
    method="doAccessCheck"/>
</aop:aspect>
```

```
<aop:aspect id="beforeExample" ref="aBean">
  <aop:before
    pointcut="execution(* com.xyz.dao.*.*(..))"
    method="doAccessCheck"/>
</aop:aspect>
```

# After Returning Advice

```
<aop:aspect id="afterReturningExample" ref="aBean">  
  <aop:after-returning  
    pointcut-ref="dataAccessOperation"  
    method="doAccessCheck"/>  
</aop:aspect>
```

```
<aop:aspect id="afterReturningExample" ref="aBean">  
  <aop:after-returning  
    pointcut-ref="dataAccessOperation"  
    returning="retVal"  
    method="doAccessCheck"/>  
</aop:aspect>
```

```
public void doAccessCheck(Object retVal) {  
}
```

# After Throwing Advice

```
<aop:aspect id="afterThrowingExample" ref="aBean">  
  <aop:after-throwing  
    pointcut-ref="dataAccessOperation"  
    method="doRecoveryActions" />  
</aop:aspect>
```

```
<aop:aspect id="afterThrowingExample" ref="aBean">  
  <aop:after-throwing  
    pointcut-ref="dataAccessOperation"  
    throwing="dataAccessEx"  
    method="doRecoveryActions" />  
</aop:aspect>
```

```
public void doRecoveryActions(DataAccessException  
dataAccessEx) {}
```

# After (finally) Advice

```
<aop:aspect id="afterFinallyExample" ref="aBean">

    <aop:after
        pointcut-ref="dataAccessOperation"
        method="doReleaseLock"/>

</aop:aspect>
```

# İletişim

- **Harezmi** Bilişim Çözümleri
- Kurumsal Java Eğitimleri
- <http://www.java-egitimleri.com>
- [info@java-egitimleri.com](mailto:info@java-egitimleri.com)

