

XML Configuration



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First Approach

Simpler

Separation of Concerns

applicationContext.xml



Name doesn't matter

Spring Context sort of a HashMap

Can simply be a registry

XML configuration begins with this file

Namespaces aid in configuration/validation

Namespaces

```
<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.xsd">
```

Xml Declaration

```
<bean
    name="customerService"
    class="com.pluralsight.service.CustomerServiceImpl"
    autowire="byName">

    <property name=""
        ref="customerRepository" />

</bean>
```

```
<bean name="customerRepository" class=  
"com.pluralsight.repository.HibernateCustomerRepositoryImpl"  
>
```

Beans

Essentially Classes

Replaces keyword new

Define Class, use Interface

Setter Injection



Setter Injection

Constructor Injection

Used together

Better for Existing Code

Constructor Injection



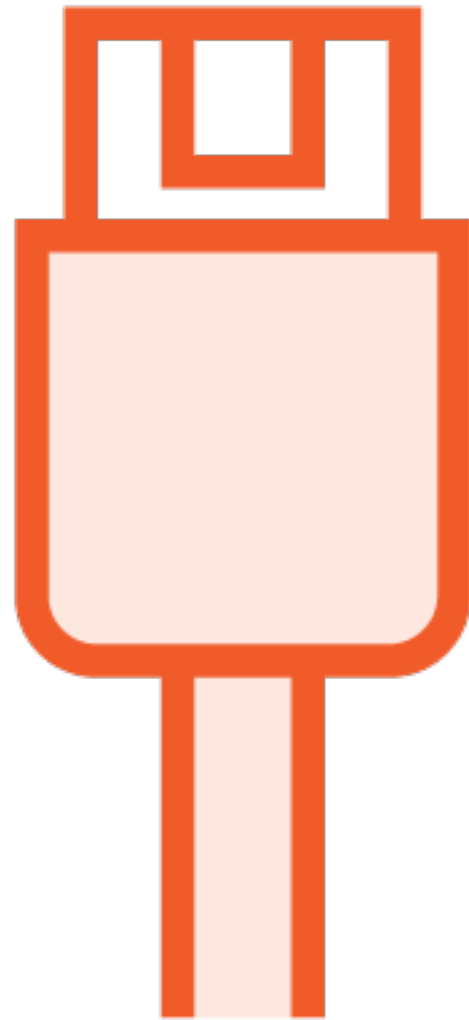
Guaranteed Contract

Constructor Defined

Used together

Index based

Autowire



Spring Automatically Wires Beans

byType

byName

constructor

no

Summary

applicationContext.xml

Bean Definition

Setter Injection

Constructor Injection

Auto wiring