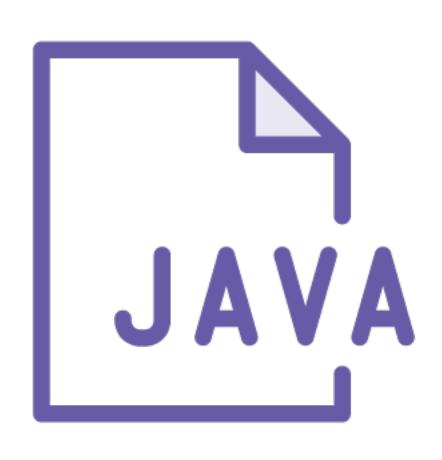
Java Configuration



Bryan Hansen
DIRECTOR OF SOFTWARE DEVELOPMENT
@bh5k

No applicationContext.xml



Too much XML

Namespaces helped

Enter Java Configuration

Everything available

```
@Configuration
public class AppConfig {

    @Bean(name = "customerRepository")
    public CustomerRepository getCustomerRepository() {
       return new HibernateCustomerRepositoryImpl();
    }
}
```

@Configuration

applicationContext replaced by @Configuration

@Configuration at class level

Spring Beans defined by @Bean

@Bean at method level

```
@Bean(name="customerService")
public CustomerService getCustomerService() {
   CustomerServiceImpl customerService = new CustomerServiceImpl();
   customerService.setCustomerRepository(getCustomerRepository());

   return customerService;
}

@Bean(name = "customerRepository")
public CustomerRepository getCustomerRepository() {
   return new HibernateCustomerRepositoryImpl();
}
```

Setter Injection

Simple as a method call

"Mystery" of injection goes away

Setter Injection simply calling a setter

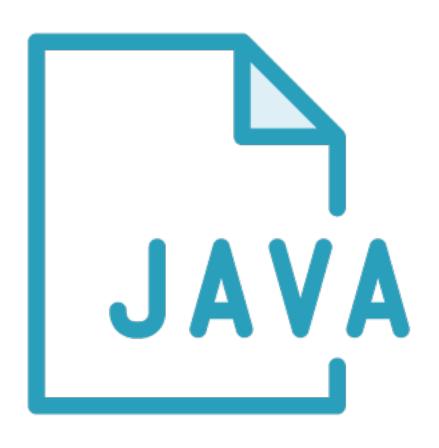
```
@Bean(name="customerService")
public CustomerService getCustomerService() {
   CustomerServiceImpl customerService =
      new CustomerServiceImpl(getCustomerRepository());
   return customerService;
}

@Bean(name = "customerRepository")
public CustomerRepository getCustomerRepository() {
   return new HibernateCustomerRepositoryImpl();
}
```

Constructor Injection

Just like setter injection

Autowired



- @ComponentScan({"com.pluralsight"})
- @Bean

Instance Type

Summary

AppConfig

- @Configuration
- @Bean

Setter and Constructor Injection

Autowired