CS544 EA

Spring

Dependency Injection: Java Config

Spring Boot

- Spring Boot requires Java Config
  - This has increased the popularity of Java Config

- As we saw in the section on DI and annotations
  - Java Conf automatically scans for DI annotations
  - But there is also **another way** to do DI in Java Conf

Factory Method

- Methods annotated with **@Bean** are the factory methods used to create the bean
  - Inside of them you can **'manually' inject**

```java
package cs544.spring15.di.anno;

import org.springframework.context.annotation.Bean;
import org.springframework.context.annotation.Configuration;

@Configuration
public class Config {
    @Bean
    public CustomerService customerService() {
        CustomerService cs = new CustomerService();
        cs.setCustomerDao(this.customerDao());
        return cs;
    }
    @Bean
    public CustomerDao customerDao() {
        return new CustomerDao();
    }
}
```

Manually injecting a customerDao into the customerService

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