- 1. Bean Externalization or Reading Properties
- 가. 개념: 외부에 저장된 설정파일을 이용하기 때문에 변경이 발생해도 재컴파일X

나. 구현 방법



다. 구현



2. BeanDefinitionStoreException

```
💢 config.xml 🗯
database.properties
                                               Test.java
                                                                            MyDAO.java
         <?xml version="1.0" encoding="UTF-8"?>
    2⊖ <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"
                  xmlns:p="http://www.springframework.org/schema/p"
                  xmlns:c="http://www.springframework.org/schema/c"
    6
                  xsi:schemaLocation="http://www.springframework.org/schema/beans
    8
                  http://www.springframework.org/schema/beans/spring-beans.xsd
    9
                  http://www.springframework.org/schema/context
                  http://www.springframework.org/schema/context/spring-context.xsd
  10
  11
  12
                  <context:property-placeholder</pre>
                           location="com/springcoreadvanced/propertiesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplaceholder/databatesplacehol
  13
  14
                  <bean name="myDAO"
    class="com.springcoreadvanced.propertiesplaceholder.MyDAO">
  15⊜
  16
  17⊝
                                                                                                설정파일에는 dbServer임, 대소문자 구분
                                   <value>${dbserver}</value>
  18
                           </constructor-arg>
 19
                   </bean>
 20
  21
         </beans>
📳 Markers 🔲 Properties 🚜 Servers ╟ Data Sourc... 🔓 Snippets 💂 Console 🛭 🤚 Git Reposit... 占 Git St
                                                                                                                            & = X 💥 🔒 🚮 🗗 📮
<terminated> Test (12) [Java Application] D:₩Java₩jdk-11.0.16.1₩bin₩javaw.exe (2023. 4. 8. 오전 5:59:27 – 오전 5:5
INFO: Loading properties file from class path resource [com/springcoreadvanced/propertiesplants]
4월 08, 2023 5:59:28 오전 org.springframework.context.support.ClassPathXmlApplicationContext
WARNING: Exception encountered during context initialization — cancelling refresh attempt: Exception in thread "main" org.springframework.beans.factory BeanDefinitionStoreException:
                at org.springframework.beans.factory.config.PlaceholderConfigurerSupport.doProcess
                at org.springframework.context.support.PropertySourcesPlaceholderConfigurer.processF
                at org.springframework.context.support.PropertySourcesPlaceholderConfigurer.postProc
                at org.springframework.context.support.PostProcessorRegistrationDelegate.invokeBeanF
                at org.springframework.context.support.PostProcessorRegistrationDelegate.invokeBeanF
                 at org enringframework context cupport AbstractApplicationContext invokeReanFactory
```

3. 과제

```
wsclient.properties

url=xyz Spring Configuration

userName=test

Test

password=test
```