spring

7강_다양한 의존 객체 주입

스프링에서 의존객체를 주입하는 다양한 방법에 대해서 학습합니다.

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7-1 : 생성자를 이용한 의존 객체 주입

```java
public StudentRegisterService(StudentDao studentDao) {
    this.studentDao = studentDao;
}
```

```java
public StudentModifyService(StudentDao studentDao) {
    this.studentDao = studentDao;
}
```

```java
public StudentDeleteService(StudentDao studentDao) {
    this.studentDao = studentDao;
}
```

```java
public StudentSelectService(StudentDao studentDao) {
this.studentDao = studentDao;
}
```

```java
public StudentAllSelectService(StudentDao studentDao) {
    this.studentDao = studentDao;
}
```

```xml
<bean id="studentDao" class="ems.member.dao.StudentDao" ></bean>


<bean id="registerService" class="ems.member.service.StudentRegisterService">
    <constructor-arg ref="studentDao" ></constructor-arg>
</bean>

<bean id="modifyService" class="ems.member.service.StudentModifyService">
    <constructor-arg ref="studentDao" ></constructor-arg>
</bean>

<bean id="deleteService" class="ems.member.service.StudentDeleteService">
    <constructor-arg ref="studentDao" ></constructor-arg>
</bean>

<bean id="selectService" class="ems.member.service.StudentSelectService">
    <constructor-arg ref="studentDao" ></constructor-arg>
</bean>

<bean id="allSelectService" class="ems.member.service.StudentAllSelectService">
    <constructor-arg ref="studentDao" ></constructor-arg>
</bean>
```

7-2 : setter를 이용한 의존 객체 주입

```java
public void setJdbcUrl(String jdbcUrl) {
  this.jdbcUrl = jdbcUrl;
}
public void setUserId(String userId) {
  this.userId = userId;
}
public void setUserPw(String userPw) {
  this.userPw = userPw;
}
```

```xml
<bean id="dataBaseConnectionInfoDev" class="ems.member.DataBaseConnectionInfo">
  <property name="jdbcUrl" value="jdbc:oracle:thin:@localhost:1521:xe" />
  <property name="userId" value="scott" />
  <property name="userPw" value="tiger" />
</bean>
```

7-3 : List타입 의존 객체 주입

```java
public void setDevelopers(List<String> developers) {
  this.developers = developers;
}
```

```xml
<property name="developers">
  <list>
    <value>Cheney.</value>
    <value>Eloy.</value>
    <value>Jasper.</value>
    <value>Dillon.</value>
    <value>Kian.</value>
  </list>
</property>
```

7-4 : Map타입 객체 주입

```java
public void setAdministrators(Map<String, String> administrators) {
    this.administrators = administrators;
}
```

```xml
<property name="administrators">
  <map>
    <entry>
      <key>
        <value>Cheney</value>
      </key>
      <value>cheney@springPjt.org</value>
    </entry>
    <entry>
      <key>
        <value>Jasper</value>
      </key>
      <value>jasper@springPjt.org</value>
    </entry>
  </map>
</property>
```