

## Oracle + MyBatis

### 1. pom.xml

#### 1) properties 수정

```
<properties>
    <java-version>1.8</java-version>
    <org.springframework-version>5.1.4.RELEASE</org.springframework-version>
    <org.aspectj-version>1.9.2</org.aspectj-version>
    <org.slf4j-version>1.7.25</org.slf4j-version>
</properties>
```

#### 2) dependencies 추가

```
<!-- mybatis + mybatis-spring + spring-jdbc -->
<!-- https://mvnrepository.com/artifact/org.mybatis/mybatis -->
<dependency>
    <groupId>org.mybatis</groupId>
    <artifactId>mybatis</artifactId>
    <version>3.2.8</version>
</dependency>

<!-- https://mvnrepository.com/artifact/org.mybatis/mybatis-spring -->
<dependency>
    <groupId>org.mybatis</groupId>
    <artifactId>mybatis-spring</artifactId>
    <version>1.2.2</version>
</dependency>

<!-- https://mvnrepository.com/artifact/org.springframework/spring-jdbc -->
<dependency>
    <groupId>org.springframework</groupId>
    <artifactId>spring-jdbc</artifactId>
    <version>${org.springframework-version}</version>
</dependency>
```

### 2. root-context.xml

```
<!-- dataSource -->
<bean id="dataSource" class="org.springframework.jdbc.datasource.DriverManagerDataSource">
    <property name="driverClassName" value="oracle.jdbc.driver.OracleDriver" />
    <property name="url" value="jdbc:oracle:thin:@localhost:1521:xe" />
    <property name="username" value="사용자" />
    <property name="password" value="비밀번호" />
</bean>

<!-- mybatis -->
<!-- mapperLocations 의 value 값은 mapper 들이 저장된 위치를 작성할 것 -->
<bean id="sqlSessionFactory" class="org.mybatis.spring.SqlSessionFactoryBean">
    <property name="dataSource" ref="dataSource" />
    <property name="mapperLocations" value="classpath:com/koreait/myhome/dao/mapper/*.xml" />
</bean>

<bean id="sqlSession" class="org.mybatis.spring.SqlSessionTemplate">
    <constructor-arg ref="sqlSessionFactory" />
</bean>
```

### 3. web.xml

```
<!-- 한글 인코딩-->
<filter>
    <filter-name>encodingFilter</filter-name>
    <filter-class>org.springframework.web.filter.CharacterEncodingFilter</filter-class>
    <init-param>
        <param-name>encoding</param-name>
        <param-value>UTF-8</param-value>
    </init-param>
    <init-param>
        <param-name>forceEncoding</param-name>
        <param-value>true</param-value>
    </init-param>
</filter>
<filter-mapping>
    <filter-name>encodingFilter</filter-name>
    <url-pattern>/*</url-pattern>
</filter-mapping>
```

4. 패키지 구성 예시

com.koreait.myhome	command	board	BoardListCommand.java ...
		member	MemberLoginCommand.java ...
	controller		BoardController.java MemberController.java
	dao		BoardDAO.java MemberDAO.java
	dao	mapper	board.xml member.xml
	db		myHome.sql
	dto		BoardDTO.java MemberDTO.java
	common		MyHomeCommand.java PageMaker.java