

JSP를 이용한 회원관리

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회원관리

❖ 주요 기능

1. Connection Pool

2. 액션태그

<jsp:useBean....>

<jsp:setProperty....>

3. DTO, DAO 클래스

4. 세션(session)

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❖ 계정 생성

system 계정으로 접속후 새로운 계정을 생성한다.

```
create user totoro identified by totoro123;
```

```
grant connect, resource to totoro;
```

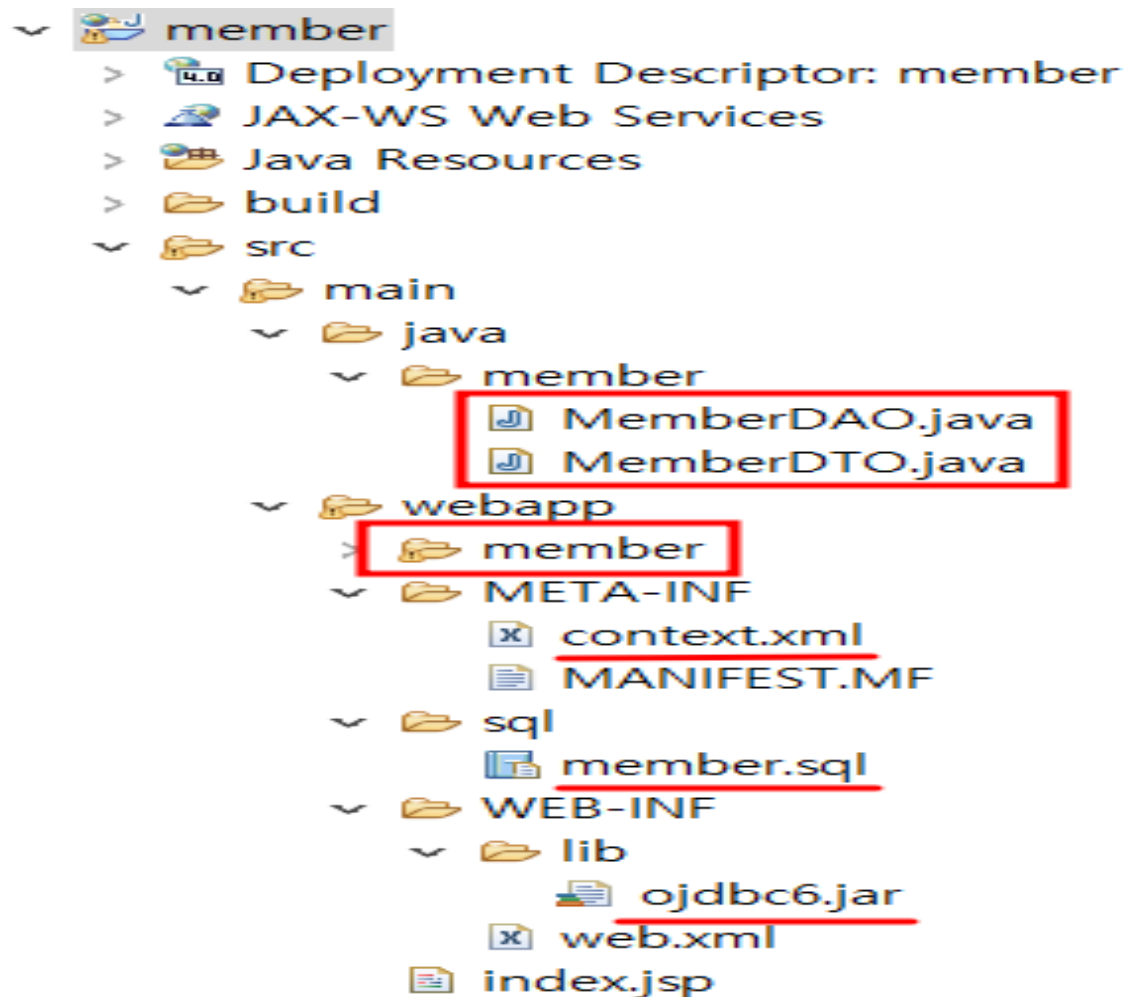
회원관리

❖ 회원 테이블 생성

```
create table member(  
    id varchar2(20) primary key,  
    passwd varchar2(20) not null,  
    name varchar2(20) not null,  
    jumin1 varchar2(6) not null,  
    jumin2 varchar2(7) not null,  
    mailid varchar2(30),  
    domain varchar2(30),  
    tel1 varchar2(5),  
    tel2 varchar2(5),  
    tel3 varchar2(5),  
    phone1 varchar2(5),  
    phone2 varchar2(5),  
    phone3 varchar2(5),  
    post varchar2(10),  
    address varchar2(200),  
    gender varchar2(20),  
    hobby varchar2(50),  
    intro varchar2(2000),  
    register timestamp );
```

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❖ 프로그램 구조도



회원관리

❖ 프로그램 주요 파일

member - MemberDTO.java (DTO 클래스)

member - MemberDAO.java (DAO 클래스)

회원가입폼 : memberform.html --> member.jsp

ID중복검사 : idcheck.jsp

로그인 폼 : loginform.jsp --> login.jsp --> main.jsp

수정 폼 : updateform.jsp --> update.jsp

삭제 폼 : deleteform.jsp --> delete.jsp

로그아웃 : logout.jsp

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❖ Connection Pool 환경설정

webapp – META-INF – **context.xml**

<Context>

<Resource name="jdbc/orcl"

auth="Container"

type="javax.sql.DataSource"

username="totoro"

password="totoro123"

driverClassName="oracle.jdbc.driver.OracleDriver"

factory="org.apache.tomcat.dbcp.dbcp2.BasicDataSourceFactory"

url="jdbc:oracle:thin:@localhost:1521:xe"

maxActive="500"

maxIdle="100"/>

</Context>

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❖ Connection Pool 에서 컨넥션 구해오기

webapp – member – **dbcpAPITest.jsp**

```
<%@ page language="java" contentType="text/html; charset=utf-8"%>
```

```
<%@ page import="java.sql.*"%>
```

```
<%@ page import="javax.sql.*" %>
```

```
<%@ page import="javax.naming.*" %>
```

```
<%
```

```
    Connection conn = null;
```

```
    try {
```

```
        Context init = new InitialContext();
```

```
        DataSource ds = (DataSource) init.lookup("java:comp/env/jdbc/orcl");
```

```
        conn = ds.getConnection();
```

```
        out.println("<h3>연결되었습니다.</h3>");
```

```
    }catch(Exception e){
```

```
        out.println("<h3>연결에 실패하였습니다.</h3>");
```

```
        e.printStackTrace();
```

```
    }
```

```
%>
```


회원관리

❖ JSP Model1 Architecture

