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| 1. AddrBook.java   멤버 변수, getter, setter로 이루어진 DO 클래스 |
| /\*\*  \* 파일명 : AddrBook.java  \* 파일 설명 : 주소록 프로그램 DO 클래스  \* **@author** 2013080025 명제석  \*/  **package** jspbook.addrbook;  **public** **class** AddrBook {  // 멤버변수 선언  **private** **int** ab\_id;  **private** String ab\_name;  **private** String ab\_email;  **private** String ab\_tel;  **private** String ab\_birth;  **private** String ab\_comdept;  **private** String ab\_addr;  **private** String ab\_group;  **private** String ab\_nickname;  **private** String ab\_memo;    **public** String getAb\_addr() {  **return** ab\_addr;  }  **public** **void** setAb\_addr(String ab\_addr) {  **this**.ab\_addr = ab\_addr;  }  **public** String getAb\_group() {  **return** ab\_group;  }  **public** **void** setAb\_group(String ab\_group) {  **this**.ab\_group = ab\_group;  }  **public** String getAb\_nickname() {  **return** ab\_nickname;  }  **public** **void** setAb\_nickname(String ab\_nickname) {  **this**.ab\_nickname = ab\_nickname;  }      **public** **int** getAb\_id() {  **return** ab\_id;  }  **public** **void** setAb\_id(**int** ab\_id) {  **this**.ab\_id = ab\_id;  }  **public** String getAb\_name() {  **return** ab\_name;  }  **public** **void** setAb\_name(String ab\_name) {  **this**.ab\_name = ab\_name;  }  **public** String getAb\_email() {  **return** ab\_email;  }  **public** **void** setAb\_email(String ab\_email) {  **this**.ab\_email = ab\_email;  }  **public** String getAb\_tel() {  **return** ab\_tel;  }  **public** **void** setAb\_tel(String ab\_tel) {  **this**.ab\_tel = ab\_tel;  }  **public** String getAb\_birth() {  **return** ab\_birth;  }  **public** **void** setAb\_birth(String ab\_birth) {  **this**.ab\_birth = ab\_birth;  }  **public** String getAb\_comdept() {  **return** ab\_comdept;  }  **public** **void** setAb\_comdept(String ab\_comdept) {  **this**.ab\_comdept = ab\_comdept;  }  **public** String getAb\_memo() {  **return** ab\_memo;  }  **public** **void** setAb\_memo(String ab\_memo) {  **this**.ab\_memo = ab\_memo;  }  } |
| 1. AddrBean.java   mySQL 연결, insert, update, delete, 연결 해체의 기능을 하는 DAO 빈즈 클래스 |
| /\*\*  \* 파일명 : AddrBean.java  \* 파일 설명 : 주소록 프로그램 DAO 빈즈 클래스  \* @author 2013080025 명제석  \*/  package jspbook.addrbook;  import java.sql.\*;  import java.util.\*;  public class AddrBean {    Connection conn = null;  PreparedStatement pstmt = null;    /\* MySQL 연결정보 \*/  String jdbc\_driver = "com.mysql.jdbc.Driver";  String jdbc\_url = "“jdbc:mysql://127.0.0.1:3306/addrbook";    // DB연결 메서드  public void connect() {  try {  Class.forName(jdbc\_driver);  conn = DriverManager.getConnection(jdbc\_url, "root", "root");  } catch (Exception e) {  e.printStackTrace();  }  }    public void disconnect() {  if(pstmt != null) {  try {  pstmt.close();  } catch (SQLException e) {  e.printStackTrace();  }  }  if(conn != null) {  try {  conn.close();  } catch (SQLException e) {  e.printStackTrace();  }  }  }    // 수정된 주소록 내용 갱신을 위한 메서드  public boolean updateDB(AddrBook addrbook) {  connect();    String sql ="update addrbook set ab\_name=?, ab\_email=?, "  + "ab\_birth=?, ab\_tel=?, ab\_comdept=?, ab\_addr=?, "  + "ab\_group=?, ab\_nickname=?, ab\_memo=? where ab\_id=?";    try {  pstmt = conn.prepareStatement(sql);  pstmt.setString(1,addrbook.getAb\_name());  pstmt.setString(2,addrbook.getAb\_email());  pstmt.setString(3, addrbook.getAb\_birth());  pstmt.setString(4,addrbook.getAb\_tel());  pstmt.setString(5,addrbook.getAb\_comdept());  pstmt.setString(6,addrbook.getAb\_addr());  pstmt.setString(7, addrbook.getAb\_group());  pstmt.setString(8, addrbook.getAb\_nickname());  pstmt.setString(9,addrbook.getAb\_memo());  pstmt.setInt(10,addrbook.getAb\_id());  pstmt.executeUpdate();  } catch (SQLException e) {  e.printStackTrace();  return false;  }  finally {  disconnect();  }  return true;  }    // 특정 주소록 게시글 삭제 메서드  public boolean deleteDB(int gb\_id) {  connect();    String sql ="delete from addrbook where ab\_id=?";    try {  pstmt = conn.prepareStatement(sql);  pstmt.setInt(1,gb\_id);  pstmt.executeUpdate();  } catch (SQLException e) {  e.printStackTrace();  return false;  }  finally {  disconnect();  }  return true;  }    // 신규 주소록 메시지 추가 메서드  public boolean insertDB(AddrBook addrbook) {  connect();  // sql 문자열 , gb\_id 는 자동 등록 되므로 입력하지 않는다.    String sql ="insert into "  + "addrbook(ab\_name,ab\_email,ab\_birth,ab\_tel,ab\_comdept,ab\_addr,ab\_group,ab\_nickname,ab\_memo) "  + "values(?,?,?,?,?,?,?,?,?)";    try {  pstmt = conn.prepareStatement(sql);  pstmt.setString(1,addrbook.getAb\_name());  pstmt.setString(2,addrbook.getAb\_email());  pstmt.setString(3,addrbook.getAb\_comdept());  pstmt.setString(4, addrbook.getAb\_birth());  pstmt.setString(5,addrbook.getAb\_tel());  pstmt.setString(6,addrbook.getAb\_addr());  pstmt.setString(7,addrbook.getAb\_group());  pstmt.setString(8,addrbook.getAb\_nickname());  pstmt.setString(9,addrbook.getAb\_memo());  pstmt.executeUpdate();  } catch (SQLException e) {  e.printStackTrace();  return false;  }  finally {  disconnect();  }  return true;  }  // 특정 주소록 게시글 가져오는 메서드  public AddrBook getDB(int gb\_id) {  connect();    String sql = "select \* from addrbook where ab\_id=?";  AddrBook addrbook = new AddrBook();    try {  pstmt = conn.prepareStatement(sql);  pstmt.setInt(1,gb\_id);  ResultSet rs = pstmt.executeQuery();    // 데이터가 하나만 있으므로 rs.next()를 한번만 실행 한다.  rs.next();  addrbook.setAb\_id(rs.getInt("ab\_id"));  addrbook.setAb\_name(rs.getString("ab\_name"));  addrbook.setAb\_email(rs.getString("ab\_email"));  addrbook.setAb\_birth(rs.getString("ab\_birth"));  addrbook.setAb\_tel(rs.getString("ab\_tel"));  addrbook.setAb\_comdept(rs.getString("ab\_comdept"));  addrbook.setAb\_addr(rs.getString("ab\_addr"));  addrbook.setAb\_group(rs.getString("ab\_group"));  addrbook.setAb\_nickname(rs.getString("ab\_nickname"));  addrbook.setAb\_memo(rs.getString("ab\_memo"));  rs.close();  } catch (SQLException e) {  e.printStackTrace();  }  finally {  disconnect();  }  return addrbook;  }    // 전체 주소록 목록을 가져오는 메서드  public ArrayList<AddrBook> getDBList() {  connect();  ArrayList<AddrBook> datas = new ArrayList<AddrBook>();    String sql = "select \* from addrbook order by ab\_id desc";  try {  pstmt = conn.prepareStatement(sql);  ResultSet rs = pstmt.executeQuery();  while(rs.next()) {  AddrBook addrbook = new AddrBook();    addrbook.setAb\_id(rs.getInt("ab\_id"));  addrbook.setAb\_name(rs.getString("ab\_name"));  addrbook.setAb\_email(rs.getString("ab\_email"));  addrbook.setAb\_comdept(rs.getString("ab\_comdept"));  addrbook.setAb\_birth(rs.getString("ab\_birth"));  addrbook.setAb\_tel(rs.getString("ab\_tel"));  addrbook.setAb\_addr(rs.getString("ab\_addr"));  addrbook.setAb\_group(rs.getString("ab\_group"));  addrbook.setAb\_nickname(rs.getString("ab\_nickname"));  addrbook.setAb\_memo(rs.getString("ab\_memo"));  datas.add(addrbook);  }  rs.close();    } catch (SQLException e) {  e.printStackTrace();  }  finally {  disconnect();  }  return datas;  }  } |
| 1. addrbook\_index.jsp   주소록 실행 메인 jsp 파일  해당 jsp를 실행하면 pageContext 내장객체를 이용해 forward로  addrbook\_control.jsp 로 페이지의 제어를 넘겨준다. |
| <%@ page language=*"java"* contentType=*"text/html;charset=UTF-8"* pageEncoding=*"UTF-8"* %>  <% pageContext.forward("addrbook\_control.jsp?action=list"); %> |
| 1. addrbook\_list.jsp |
| <%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*  pageEncoding=*"UTF-8"* errorPage=*"addrbook\_error.jsp"* import=*"java.util.\*, jspbook.addrbook.\*"*%>  <!DOCTYPE HTML>  <html>  <head>  <link rel=*"stylesheet"* href=*"addrbook.css"* type=*"text/css"* media=*"screen"* />  <script type=*"text/javascript"*>  **function** check(ab\_id) {  pwd = prompt('수정/삭제 하려면 비밀번호를 넣으세요');  document.location.href="addrbook\_control.jsp?action=edit&ab\_id="+ab\_id+"&upasswd="+pwd;  }  </script>  <meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>  <title>주소록:목록화면</title>  </head>  <jsp:useBean id=*"datas"* scope=*"request"* class=*"java.util.ArrayList"* />  <body>  <div align=*"center"*>  <H2>주소록:목록화면</H2>  <HR>  <form>  <input type=*"button"* class=*"button"* onclick="location.href='addrbook\_form.jsp'" value=*"주소록 등록"*/>  <table border=*"1"*>  <tr><th>번호</th><th>이 름</th><th>전화번호</th><th>생 일</th><th>회 사</th><th>주 소</th><th>그 룹</th><th>닉네임</th><th>메 모</th></tr>  <%  **for**(AddrBook ab : (ArrayList<AddrBook>)datas) {  %>  <tr>  <td><a href=*"javascript:check(*<%=ab.getAb\_id()%>*)"*><%=ab.getAb\_id() %></a></td>  <td><%=ab.getAb\_name() %></td>  <td><%=ab.getAb\_tel() %></td>  <td><%=ab.getAb\_birth() %></td>  <td><%=ab.getAb\_comdept() %></td>  <td><%=ab.getAb\_addr() %></td>  <td><%=ab.getAb\_group() %></td>  <td><%=ab.getAb\_nickname() %></td>  <td><%=ab.getAb\_memo() %></td>  </tr>  <%  }  %>  </table>  </form>  </div>  </body>  </html> |
| EMB000004243747addrbook\_index.jsp 실행화면  addrbook\_list.jsp로 제어가 넘어가면서 주소록 목록이 출력된다. |
| 1. addrbook\_control.jsp   비즈니스 로직의 선택, 전환할 화면 선택을 담당하는 controller 역할의 jsp 파일 |
| <%@ page language=*"java"* contentType=*"text/html; charset=utf-8"*  pageEncoding=*"utf-8"* errorPage=*"addrbook\_error.jsp"* import=*"jspbook.addrbook.\*, java.util.\*"*%>  <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">  <% request.setCharacterEncoding("utf-8"); %>  <jsp:useBean id=*"ab"* class=*"jspbook.addrbook.AddrBean"*/>  <jsp:useBean id=*"addrbook"* class=*"jspbook.addrbook.AddrBook"*/>  <jsp:setProperty name=*"addrbook"* property=*"\*"*/>  <%  // 컨트롤러 요청 파라미터  String action = request.getParameter("action");  // 파라미터에 따른 요청 처리  // 주소록 목록 요청인 경우  **if**(action.equals("list")) {  ArrayList<AddrBook> datas = ab.getDBList();  request.setAttribute("datas", datas);  pageContext.forward("addrbook\_list.jsp");  }    // 주소록 등록 요청인 경우  **else** **if**(action.equals("insert")) {  **if**(ab.insertDB(addrbook)) {  response.sendRedirect("addrbook\_control.jsp?action=list");  }  **else**  **throw** **new** Exception("DB 입력오류");  }  // 주소록 수정 페이지 요청인 경우  **else** **if**(action.equals("edit")) {  AddrBook abook = ab.getDB(addrbook.getAb\_id());  **if**(!request.getParameter("upasswd").equals("1234")) {  out.println("<script>alert('비밀번호가 틀렸습니다.!!');history.go(-1);</script>");  }  **else** {  request.setAttribute("ab",abook);  pageContext.forward("addrbook\_edit\_form.jsp");  }  }  // 주소록 수정 등록 요청인 경우  **else** **if**(action.equals("update")) {  **if**(ab.updateDB(addrbook)) {  response.sendRedirect("addrbook\_control.jsp?action=list");  }  **else**  **throw** **new** Exception("DB 갱신오류");  }  // 주소록 삭제 요청인 경우  **else** **if**(action.equals("delete")) {  **if**(ab.deleteDB(addrbook.getAb\_id())) {  response.sendRedirect("addrbook\_control.jsp?action=list");  }  **else**  **throw** **new** Exception("DB 삭제 오류");  }  **else** {  out.println("<script>alert('action 파라미터를 확인해 주세요!!!')</script>");  }  %> |
| 1. addrbook\_form.jsp |
| <%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*  pageEncoding=*"UTF-8"* errorPage=*"error.jsp"*%>  <!DOCTYPE HTML>  <html>  <head>  <meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>  <title>주소록:작성화면</title>  <link rel=*"stylesheet"* href=*"addrbook.css"* type=*"text/css"* media=*"screen"* />  </head>  <body>  <div align=*"center"*>  <H2>주소록:작성화면 </H2>  <HR>  <input type=*"button"* class=*"button"* onclick="location.href='addrbook\_control.jsp?action=list'" value=*"주소록 목록으로"*/>  <form name=*form1* method=*post* action=*addrbook\_control.jsp*>  <input type=*hidden* name=*"action"* value=*"insert"*>  <table border=*"1"*>  <tr>  <th>이 름</th>  <td><input type=*"text"* name=*"ab\_name"* maxlength=*"15"*></td>  </tr>  <tr>  <th>email</th>  <td><input type=*"email"* name=*"ab\_email"* maxlength=*"50"*></td>  </tr>  <tr>  <th>전화번호</th>  <td><input type=*"text"* name=*"ab\_tel"* maxlength=*"20"*></td>  </tr>  <tr>  <th>생 일</th>  <td><input type=*"date"* name=*"ab\_birth"*></td>  </tr>  <tr>  <th>회 사</th>  <td><input type=*"text"* name=*"ab\_comdept"* maxlength=*"20"*></td>  </tr>  <tr>  <th>주 소</th>  <td><input type=*"text"* name=*"ab\_addr"* maxlength=*"100"*></td>  </tr>  <tr>  <th>그 룹</th>  <td><input type=*"text"* name=*"ab\_group"* maxlength=*"20"*></td>  </tr>  <tr>  <th>닉네임</th>  <td><input type=*"text"* name=*"ab\_nickname"* maxlength=*"20"*></td>  </tr>  <tr>  <th>메 모</th>  <td><input type=*"text"* name=*"ab\_memo"*></td>  </tr>  <tr>  <td colspan=*2* align=*center*><input type=*submit* value=*"저장"*><input type=*reset* value=*"취소"*></td>  </tr>  </table>  </form>  </div>  </body>  </html> |
| EMB000004243748주소록 작성 폼 화면 |
| 정보EMB00000424374d 입력 후 저장버튼을 누르면 다시 주소록 목록 화면으로 돌아온다.  주소록 하나를 잘못 작성해서 수정이 필요하다. |
| 1. Addrbook\_edit\_form.jsp |
| <%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*  pageEncoding=*"UTF-8"* errorPage=*"addrbook\_error.jsp"* import=*"jspbook.addrbook.\*"*%>  <!DOCTYPE HTML>  <html>  <head>  <link rel=*"stylesheet"* href=*"addrbook.css"* type=*"text/css"* media=*"screen"* />  <script type=*"text/javascript"*>  **function** delcheck() {  result = confirm("정말로 삭제하시겠습니까 ?");    **if**(result == **true**){  document.form1.action.value="delete";  document.form1.submit();  }  **else**  **return**;  }  </script>  <meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>  <title>주소록:수정화면</title>  </head>  <jsp:useBean id=*"ab"* scope=*"request"* class=*"jspbook.addrbook.AddrBook"* />  <body>  <div align=*"center"*>  <H2>주소록:수정화면 </H2>  <HR>  <input type=*"button"* class=*"button"* onclick="location.href='addrbook\_control.jsp?action=list'" value=*"주소록 목록으로"*/>  <form name=*form1* method=*post* action=*addrbook\_control.jsp*>  <input type=*hidden* name=*"ab\_id"* value=*"*<%=ab.getAb\_id()%>*"*>  <input type=*hidden* name=*"action"* value=*"update"*>  <table border=*"1"*>  <tr>  <th>이 름</th>  <td><input type=*"text"* name=*"ab\_name"* value=*"*<%=ab.getAb\_name() %>*"*></td>  </tr>  <tr>  <th>email</th>  <td><input type=*"text"* name=*"ab\_email"* value=*"*<%=ab.getAb\_email() %>*"*></td>  </tr>  <tr>  <th>전화번호</th>  <td><input type=*"text"* name=*"ab\_tel"* value=*"*<%=ab.getAb\_tel() %>*"*></td>  </tr>  <tr>  <th>생 일</th>  <td><input type=*"date"* name=*"ab\_birth"* value=*"*<%=ab.getAb\_birth() %>*"*></td>  </tr>  <tr>  <th>회 사</th>  <td><input type=*"text"* name=*"ab\_comdept"* value=*"*<%=ab.getAb\_comdept()%>*"*></td>  </tr>  <tr>  <th>주 소</th>  <td><input type=*"text"* name=*"ab\_addr"* value=*"*<%=ab.getAb\_addr()%>*"*></td>  </tr>  <tr>  <th>그 룹</th>  <td><input type=*"text"* name=*"ab\_group"* value=*"*<%=ab.getAb\_group()%>*"*></td>  </tr>  <tr>  <th>닉네임</th>  <td><input type=*"text"* name=*"ab\_nickname"* value=*"*<%=ab.getAb\_nickname()%>*"*></td>  </tr>  <tr>  <th>메 모</th>  <td><input type=*"text"* name=*"ab\_memo"* value=*"*<%=ab.getAb\_memo() %>*"*></td>  </tr>  <tr>  <td colspan=*2* align=*center*><input type=*submit* value=*"저장"*><input type=*reset* value=*"취소"*><input type=*"button"* value=*"삭제"* onClick="delcheck()"></td>  </tr>  </table>  </form>  </div>  </body>  </html> |
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| 1. Addrbook\_errer.jsp |
| <%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*  pageEncoding=*"UTF-8"* isErrorPage=*"true"*%>  <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">  <HTML>  <body>  <div align=*"center"*>  <H2>주소록 에러</H2>  <HR>  <table cellpadding=*5* width=*400*>  <tr width=*100%* bgcolor=*"pink"*><td>  주소록 처리중 에러가 발생 했습니다.<BR>  관리자에게 문의해 주세요..<BR>  빠른시일내 복구하겠습니다.  <HR>  에러내용 : <%= exception%>  <HR>  </td>  </tr>  </table>  </div>  </body>  </HTML> |
|  |
| 1. Addrbook.css |
| @CHARSET *"UTF-8"*;  **table** {  width: *auto*;  border-collapse: *collapse*;  text-align: *center*;  }    **td,th** {  font-size: *10pt*;  border: *1px* *solid* *#eeebe4*;  height: *30px*;  padding: *5px*;  }  **th** {  background-color: *#7b68ee*;  color: *#ffffff*;  font-family: *Georgia*;  }  **tr** **td** {  color: *#000000*;  background-color: *#eeebe4*;  }  **input** {  height: *25px*;  width:*200px*;  }  **input**[type="submit"]**,**[type="reset"]**,**[type="button"] {  height: *25px*;  width:*80px*;  }  *.button* {  background-color: *#eeebe4*;  color:*black*;  text-align:*center*;  width:*250px*;  font-family: *Georgia*;  }  *.button:hover*{  background-color: *#7b68ee*;  } |
| 1. Addrbook.sql |
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