

### fromDatabase.jsp (compare to fromDatabase.php):

```
<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<!-- Fig. 23.22: formDatabase.php -->
<!-- Displaying the MailingList database. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
  <head>
    <title>Search Results</title>
    <style type = "text/css">
      body { font-family: arial, sans-serif;
            background-color: #F0E68C }
      h3   { color: blue }
      table { background-color: #ADD8E6 }
      td   { padding-top: 2px;
            padding-bottom: 2px;
            padding-left: 4px;
            padding-right: 4px;
            border-width: 1px;
            border-style: inset }
    </style>
  </head>
  <body>
    <%
      // build SELECT query
      String query = "SELECT * FROM contact_info";

      timlin.util.Database database = new timlin.util.Database (
        "com.mysql.jdbc.Driver",
        "jdbc:mysql://localhost:3306/test",
        null, null);

      // query MailingList database
      if (!database.query(query))
      {
        out.print("Could not execute query! <br />" + database.getErrorMessage()+"</body></html>");
      }
    %>
  </body>
</html>
```

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        return;
    } // end if
%><!-- end JSP script -->

<h3>Mailing List Contacts</h3>
<table>
    <tr>
        <td>Last Name</td>
        <td>First Name</td>
        <td>E-mail Address</td>
        <td>Phone Number</td>
        <td>Book</td>
        <td>Operating System</td>
    </tr>
    <%
        do {
            // build table to display results
            out.print( "<tr>" );

            for (int i = 1; i <= database.getColumnCount(); ++i)
                out.print( "<td>"+database.getColumnValue(i)+"</td>" );

            out.print( "</tr>" );
        } while(database.getNextRow());

        database.close();
    %><!-- end JSP script -->
</table>
</body>
</html>

```

## formDatabase.php:

```
<?php print( '<?xml version = "1.0" encoding = "utf-8"?>' ) ?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
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        padding-left: 4px;
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        border-width: 1px;
        border-style: inset }
    </style>
  </head>
  <body>
    <?php
      // build SELECT query
      $query = "SELECT * FROM contacts";

      // Connect to MySQL
      if ( !( $database = mysql_connect( "localhost",
```

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"iw3htp4", "iw3htp4" ) )
die( "Could not connect to database </body></html>" );

// open MailingList database
if ( !mysql_select_db( "MailingList", $database ) )
    die( "Could not open MailingList database </body></html>" );

// query MailingList database
if ( !( $result = mysql_query( $query, $database ) ) )
{
    print( "Could not execute query! <br />" );
    die( mysql_error() . "</body></html>" );
} // end if
?><!-- end PHP script -->

```

<h3>Mailing List Contacts</h3>

<table>

<tr>

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<td>Operating System</td>

</tr>

<?php

// fetch each record in result set

for ( \$counter = 0; \$row = mysql\_fetch\_row( \$result );

\$counter++ )

{

```
// build table to display results
print( "<tr>" );

foreach ( $row as $key => $value )
    print( "<td>$value</td>" );

print( "</tr>" );
} // end for

mysql_close( $database );
?><!-- end PHP script -->
</table>
</body>
</html>
```