

ex02_SoaGatewayEmpList.php

```
<?php

/*
 * This example demonstrates usage of the "list" function exposed by any
 * Adabas SOA Gateway "WebService" from PHP, retrieving selected records
 * from the Adabas demo file "Employees", and formatting it, in 4 easy steps.
 */

/*
 * Step 1: Instantiate the PHP "SoapClient" class
 */
try {
    $soapclient = new SoapClient("http://localhost:8022/adabas_EmployeesMini?WSDL");
} catch (SoapFault $soapfault) {
    echo "<pre>";
    print_r($soapfault);
    echo "</pre>";
    return;
}

/*
 * Step 2: Build the key ("descriptor") array, due to parser requirements ALL
 * key elements need to be specified, but elements may be left empty
 * when unused.
 */
$listkey = array(
    'personnel_id' => '',
    'first_name' => '',
    'name' => '',
    'city' => 'CI*');

/*
 * Step 3: Execute the "list" request, passing the key array as the only parameter,
 * the response object will consist of an "adabasEmployees" element containing
 * an array of "adabasEmployee" elements.
 */
try {
    $listresponse = $soapclient->list($listkey);
} catch (SoapFault $soapfault) {
    echo "<pre>";
    print_r($soapfault);
    echo "</pre>";
    return;
}

/*
 * Step 4: Format the Employee records nicely into a HTML table.
 */

echo "<table border=1 cellpadding=5>";
echo "<tr><th>Personnel Id</th><th>Name</th><th>First Name</th><th>City</th><th width=200>Address Line</td>";

/*
 * Loop through all "adabasEmployee" elements, creating a table row for every single one
 */

if ( isset($listresponse->adabasEmployees->adabasEmployee) )
{
    $Employees = $listresponse->adabasEmployees->adabasEmployee;
    if (!is_array($Employees))
        $Employees = $listresponse->adabasEmployees;

    foreach ($Employees as $Employee) {
        echo "<tr><td>$Employee->personnel_id</td><td>$Employee->name</td><td>";
        echo "$Employee->first_name</td><td>$Employee->city</td><td>";
        echo "<table>";

        /*
         * Format the "address_line" element (a MU(ltiple value field)) as a table within the table
         */
        if (!is_array($Employee->address_line)) {
            echo "<tr><td width=200>$Employee->address_line</td></tr>";
        } else {
```

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                foreach ($Employee->address_line as $addr) {
                    echo "<tr><td width=200>$addr</td></tr>";
                }
            }
            echo "</table>";
            echo "</td></tr>";
        }
    }
    /*
     *      Proceed to ex03_SoaGatewayEmpAdd.php - Add a new employee record
     */
    ?>
```