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<html>
<head>
<title>Images</title>
</head>
<body>

<% language=vbscript

' Declarations
dim title
dim version

dim inputSize
dim nameWidth

dim hostServer
dim hostLogin
dim hostPassword
dim hostDatabase
dim driverHost

dim clientServer
dim clientLogin
dim clientPassword
dim clientDatabase
dim driverClient

dim connectionHost
dim SQLHost
dim recordsetHost

dim connectionClient
dim SQLClient
dim recordsetClient

dim recCount
dim matchCount
dim helpLevel
dim orderBy

dim Images
dim ImageId
dim ImageName
dim ImageBinary

dim IPAddress

' Set table and column names
' You may change this to your own images table and columns (but all asp files must
be changed in the same way)
' If you do so, you CANNOT use blanks for the names
' Also, the stored procs spLoadImages and spSaveImages will need to be changed if
they're used for loading/saving images
Images = "Images"
ImageId = "ImageId"
ImageName = "ImageName"
ImageBinary = "ImageBinary"

' Set computed column name (never needs to be changed)
ImageSize = "ImageSize"

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' Set input box size (35=BlackBerry)
inputSize = 35

' Set width of Name column (300=BlackBerry)
nameWidth = 300

' Set title and current version
title = "<h2>Images</h2>"
version = "<b>Version: 8 Jan 10</b>"

' Display title and version
Response.Write(title)
'Response.Write(version)
'Response.Write("<br>")
'Response.Write("<br>")

' Restrict IP Address
'IPAddress = Request.ServerVariables("REMOTE_ADDR")
'if NOT IPAddress = "nnn.nnn.nnn.nnn" then Response.End

' Get host server from calling page (may not be passed)
hostServer = request.querystring("hostServer")
if hostServer = "" then hostServer=request.form("myhostServer")
if hostServer = "" then hostServer="BEACH\SQLEXPRESS"

' Get host login from calling page (may not be passed)
hostLogin = request.querystring("hostLogin")
if hostLogin = "" then hostLogin=request.form("myHostLogin")
if hostLogin = "" then hostLogin="glen"

' Get host password from calling page (may not be passed)
hostPassword = Server.URLEncode(request.querystring("hostPassword"))
if hostPassword = "" then hostPassword=request.form("myHostPassword")
if hostPassword = "" then hostPassword="glen+cooper"

' Get host database from calling page (may not be passed)
hostDatabase=request.querystring("hostDatabase")
if hostDatabase = "" then hostDatabase=request.form("myhostDatabase")
if hostDatabase = "" then hostDatabase="imagesHost"

' Get client server from calling page (may not be passed)
clientServer = request.querystring("clientServer")
if clientServer = "" then clientServer=request.form("myclientServer")
if clientServer = "" then clientServer=""

' Get client login from calling page (may not be passed)
clientLogin = request.querystring("clientLogin")
if clientLogin = "" then clientLogin=request.form("myClientLogin")
if clientLogin = "" then clientLogin=""

' Get client password from calling page (may not be passed)
clientPassword = Server.URLEncode(request.querystring("clientPassword"))
if clientPassword = "" then clientPassword=request.form("myClientPassword")
if clientPassword = "" then clientPassword=""

' Get client database from calling page (may not be passed)
clientDatabase = request.querystring("clientDatabase")
if clientDatabase = "" then clientDatabase=request.form("myClientDatabase")
if clientDatabase = "" then clientDatabase=""

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' Get help level from calling page (may not be passed)
helpLevel = request.querystring("helpLevel")
if helpLevel <> "0" And helpLevel <> "1" And helpLevel <> "2" then helpLevel= 2

' Get ordering criteria from calling page (may not be passed)
' Also, prevent SQL injection
' Note case sensitivity for comparisons
orderBy = UCase(request.querystring("orderBy"))
if orderBy = "IMAGEID" then orderby = ImageId
if orderBy = "IMAGENAME" then orderby = ImageName
if orderBy = "IMAGESIZE" then orderby = ImageSize
if UCase(orderBy) <> UCase(ImageId) And UCase(orderBy) <> UCase(ImageName) And
UCase(orderBy) <> UCase(ImageSize) then orderBy = ImageName
orderBy = "ORDER BY " & orderby

' Define the host connection string
driverHost = "DRIVER={SQL Server};SERVER=" & hostServer & ";UID=" & hostLogin &
";PWD=" & hostPassword & ";DATABASE=" & hostDatabase

.....
' Set up form for server parameters
.....
if helpLevel > 0 then

Response.Write("<form method=""post"" action="">")

Response.Write("<table border = ""0"" >")

Response.Write("<tr>")
Response.Write("<td>Host SQL Server</td>")
Response.Write("<td><input type=""text"" name=""myHostServer"" value="" &
hostServer & "" size="" & inputSize & "" DISABLED></td>")
Response.Write("</tr>")

Response.Write("<tr>")
Response.Write("<td>Host SQL Login</td>")
Response.Write("<td><input type=""text"" name=""myHostLogin"" value="" "" &
hostLogin & "" "" & "" size="" & inputSize & "" DISABLED></td>")
Response.Write("</tr>")

Response.Write("<tr>")
Response.Write("<td>Host SQL Password</td>")
Response.Write("<td><input type=""text"" name=""myHostPassword"" value="" ""&
hostPassword & "" "" & "" size="" & inputSize & "" DISABLED></td>")
Response.Write("</tr>")

Response.Write("<tr>")
Response.Write("<td>Host Database</td>")
Response.Write("<td><input type=""text"" name=""myHostDatabase"" value="" "" &
hostDatabase & "" "" & "" size="" & inputSize & "" DISABLED></td>")
Response.Write("</tr>")

Response.Write("<tr>")
Response.Write("<td>Client SQL Server</td>")
if request.querystring("clientServer") = "" then
    Response.Write("<td><input type=""text"" name=""myClientServer"" value="" "" &
clientServer & "" "" & "" size="" & inputSize & ""></td>")
else
    Response.Write("<td><input type=""text"" name=""myClientServer"" value="" "" &
clientServer & "" "" & "" size="" & inputSize & "" DISABLED></td>")

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end if

Response.Write("</tr>")

Response.Write("<tr>")
Response.Write("<td>Client SQL Login</td>")
if request.querystring("clientLogin") = "" then
    Response.Write("<td><input type=""text"" name=""myClientLogin"" value="" "" &
clientLogin & "" "" & "" size="" & inputSize & ""></td>")
else
    Response.Write("<td><input type=""text"" name=""myClientLogin"" value="" "" &
clientLogin & "" "" & "" size="" & inputSize & "" DISABLED></td>")
end if

Response.Write("</tr>")

Response.Write("<tr>")
Response.Write("<td>Client SQL Password</td>")
if request.querystring("clientPassword") = "" then
    Response.Write("<td><input type=""text"" name=""myClientPassword"" value="" ""&
clientPassword & "" "" & "" size="" & inputSize & ""></td>")
else
    Response.Write("<td><input type=""text"" name=""myClientPassword"" value="" ""&
clientPassword & "" "" & "" size="" & inputSize & "" DISABLED></td>")
end if
Response.Write("</tr>")

Response.Write("<tr>")
Response.Write("<td>Client Database</td>")
if request.querystring("clientDatabase") = "" then
    Response.Write("<td><input type=""text"" name=""myClientDatabase"" value="" ""&
clientDatabase & "" "" & "" size="" & inputSize & ""></td>")
else
    Response.Write("<td><input type=""text"" name=""myClientDatabase"" value="" ""&
clientDatabase & "" "" & "" size="" & inputSize & "" DISABLED></td>")
end if
Response.Write("</tr>")

Response.Write("<tr>")
Response.Write("<td></td>")
Response.Write("<td><br></td>")
Response.Write("</tr>")

Response.Write("<tr>")
Response.Write("<td></td>")
Response.Write("<td><input type=""submit"" value=""Refresh"" size=40></td>")
Response.Write("</tr>")

Response.Write("</table>")

Response.Write("</form>")

end if

' Confirm server parameters
'

if HelpLevel > 1 then
    response.write("Host SQL Server is currently specified as: <br><br>")

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        response.write("<b>" & "Host SQL Server = " & hostServer & "</b>")
        response.write("<br>")
        response.write("<b>" & "Host Login = " & hostLogin & "</b>")
        response.write("<br>")
        response.write("<b>" & "Host Password = " & hostPassword & "</b>")
        response.write("<br>")
        response.write("<b>" & "Host Database = " & hostDatabase & "</b>")
        response.write("<br>")
        response.write("<br>")
        response.write("Client SQL Server is currently specified as (required for
downloading to client): <br><br>")
        response.write("<b>" & "Client SQL Server = " & clientServer & "</b>")
        response.write("<br>")
        response.write("<b>" & "Client Login = " & clientLogin & "</b>")
        response.write("<br>")
        response.write("<b>" & "Client Password = " & clientPassword & "</b>")
        response.write("<br>")
        response.write("<b>" & "Client Database = " & clientDatabase & "</b>")
        response.write("<br>")
        Response.Write("<br>")
end if

'
'
' List images
'
' Define SQL query for selecting images on host server
SQL = "USE [" & hostDatabase & "]; SELECT " & ImageId & ", " & ImageName & ",
DATALENGTH(" & ImageBinary & ") AS " & ImageSize & " FROM " & Images & " " &
OrderBy

' Create an instance of the host ADO connection and recordset objects
Set connectionHost = Server.CreateObject("ADODB.Connection")
Set recordsetHost = Server.CreateObject("ADODB.Recordset")

' Open connection to host server
connectionHost.Open driverHost

' Populate recordset with images
recordsetHost.Open SQL,connectionHost

' Count number of host images (.recordcount doesn't seem to work)
recCount = 0
do while NOT recordsetHost.Eof
    recCount = RecCount + 1
    recordsetHost.MoveNext
loop

' List all host images (if no client specified) or just those missing from client
(if client specified)
' Note that the table's key ImageId is used to determine what records are missing
(since image names may be duplicated)
if RecCount = 0 then
    Response.Write("No Images.")
else

    Response.Write("<table border = ""0"">")

    Response.Write("<tr>")
    Response.Write("<td><b>Id</b></td>")

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Response.Write("<td><b>Name</b> V=View D=Download A=All</td>")
Response.Write("<td><b>Size</b></td>")
Response.Write("<td><b><a href=""imageHelp.htm"">H</a><b></td>")
Response.Write("<td><b></b></td>")
Response.Write("<td><b></b></td>")
Response.Write("</tr>")

recordsetHost.MoveFirst

driverClient = "DRIVER={SQL Server};SERVER=" & clientServer & ";UID=" &
clientLogin & ";PWD=" & clientPassword & ";DATABASE=" & clientDatabase

matchCount = 0

do while NOT recordsetHost.Eof

    ' If client database has been specified, determine if a match exists with
current record in host database
    if clientDatabase <> "" then

        ' Client recordset query (assumes that 0 or 1 records will be returned)
        SQLClient = "USE [" & clientDatabase & "]; SELECT " & ImageId & " FROM
" & Images & " WHERE " & ImageId & " = " & RecordsetHost(ImageId)

        ' Create an instance of the client ADO connection and recordset objects
Set connectionClient = Server.CreateObject("ADODB.Connection")
Set recordsetClient = Server.CreateObject("ADODB.Recordset")

        ' Open the connection to the client database and set up recordset
connectionClient.Open driverClient
recordsetClient.CursorLocation = 3
recordsetClient.Open SQLClient,connectionClient,3,3

        ' Count number of records (will be 0 or 1)
matchCount = 0
do while NOT RecordsetClient.Eof
    matchCount = MatchCount + 1
    recordsetClient.MoveNext
loop

    end if

    ' If client database has not been specified, or no match exists with
current record in host database
    ' then display current record for host database
    if clientDatabase = "" or MatchCount = 0 then
        Response.Write("<tr>")
        Response.Write("<td>" & recordsetHost(ImageId) & "</td>")
        Response.Write("<td width=" & nameWidth & ">" &
recordsetHost(ImageName) & "</td>")
        Response.Write("<td>" & recordsetHost(ImageSize) & "</td>")
        Response.Write("<td><a href=""Image.asp?ImageId=" &
recordsetHost(ImageId) & "&hostServer=" & hostServer & "&hostDatabase=" &
Server.URLEncode(hostDatabase) & "&hostLogin=" & Server.URLEncode(hostLogin) &
"&hostPassword=" & Server.URLEncode(hostPassword) & "">V</a></td>")
        ' Display download links if client database has been specified
        if clientDatabase <> "" then
            Response.Write("<td><a href=""ImageDownload.asp?" & ImageId & "="
& recordsetHost(ImageId) & "&hostServer=" & hostServer & "&hostLogin=" &
Server.URLEncode(hostLogin) & "&hostPassword=" & Server.URLEncode(hostPassword) &
"&hostDatabase=" & Server.URLEncode(hostDatabase) & "&clientServer=" &
clientServer & "&clientLogin=" & Server.URLEncode(clientLogin) &
"&clientPassword=" & Server.URLEncode(clientPassword) & "&clientDatabase=" &
Server.URLEncode(clientDatabase) & "&HelpLevel=" & HelpLevel & "">D</a></td>")

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        Response.Write("<td><a href=\"" & ImageDownload.asp? & ImageId & "="
& "0" & "&hostServer=" & hostServer & "&hostLogin=" & Server.URLEncode(hostLogin)
& "&hostPassword=" & Server.URLEncode(hostPassword) & "&hostDatabase=" &
Server.URLEncode(hostDatabase) & "&clientServer=" & clientServer & "&clientLogin="
& Server.URLEncode(clientLogin) & "&clientPassword=" &
Server.URLEncode(clientPassword) & "&clientDatabase=" &
Server.URLEncode(clientDatabase) & "">A</a></td>")
        end if
        Response.Write("</tr>")
    end if

    ' If client database has been specified, close client recordset and
connection
    if clientDatabase <> "" then
        recordsetClient.Close
        connectionClient.Close
    end if

    ' Move to next host record
    recordsetHost.MoveNext
loop

    Response.Write("</table>")

end if

' Close host recordset and connection
recordsetHost.Close
Set recordsetHost=nothing
connectionHost.Close
Set connectionHost=nothing

%>

</body>
</html>

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