FUNCTION TestPage
************************************************************************
*** Function: This is a simple example on how to process a request
*** and output text. It uses the most basic .WriteLn() syntax to demonstrate line by line output.
***
*** This routine creates a new output HTML document that displays the current date and time, the request
*** information
*** provided to your application.
***
*** Note the use of the wwResponse class, which greatly simplifies creation of HTML documents. Here we're only using
*** basic Send/WriteLn methods to output text instead of the
*** higher level page generation methods.
*************************************************************************
LOCAL lcOutFile
#IF .F.
LOCAL Response as wwResponse, Request as wwRequest
#ENDIF

this.lShowRequestData = !EMPTY(Request.Form("chkShowRequestData"))
Session.SetSessionVar("LastAccess",DATETIME())

*** Add Html DocType, HTTP Header, Title and Body tag
Response.DocHeader("Hello World from Visual FoxPro","~/css/westwind.css")
Response.WriteLn([<h1>Hello World from Visual FoxPro</h1>])

*** Write out fixed toolbar header from #DEFINE
Response.Write(PAGETOOLBAR)

Response.Write([<div class="descriptionheader">] + ;
"This example uses low level, raw Response.Write() operations to echo back some of the server information " +;
"provided by Web Connection requests. This raw output is one option for creating Web Connection apps ";
"purely using code. While useful for low level applications/data handlers and purely data driven applications, ";
"there are other higher level scripting mechanisms available to provide easier HTML editing outside of code." +;
"</div>")
Response.Writeln([<div style="padding: 20px;">])

Response.Writeln([<h3>Local server time is: ] + ShortDate(DATETIME()) + " @ " + ShortTime(DATETIME()) +[</h3>])
Response.Write("<p>This page was dynamically generated by a Visual FoxPro server that responds to the request you see in your "+;
"browser's 'Location' or 'Address' line."
Response.Write("Following are a few examples of the custom methods
provided by the wwRequest class that ";
"return common settings from Web requests. </p>"
)

Response.Write("<b>Common Request and Server Info</b>
Response.Write("&lt;PRE&gt;
Response.Write("
+Request.ServerVariables("DLLVersion") + CRLF)
Response.Write("+Request.GetBrowser() + CRLF)
Response.Write("+Request.GetPreviousUrl() + CRLF)
Response.Write("+Request.GetCurrentUrl() + CRLF)
Response.Write("+Request.GetIPAddress() + CRLF)
Response.Write("+Request.GetServerName() + CRLF)
Response.Write("+Request.GetPhysicalPath() + CRLF)
Response.Write("+Request.GetLogicalPath() + CRLF)
Response.Write("+Request.ServerVariables("SERVER_PORT") + CRLF)
Response.Write("+Request.IsLinkSecure(): +IIF(Request.IsLinkSecure(),"Yes","No") + CRLF)
Response.Write("+Request.ServerVariables("SERVER_SOFTWARE") + CRLF)
Response.Write("+Request.GetAuthenticatedUser() + CRLF)
Response.Write("+Request.GetLocale() + CRLF)

Response.Write("&lt;/PRE&gt; +;
"<b>Query String (URL Parameter) Retrieval</b>" +;
"&lt;PRE&gt;
Response.Write("+EncodeHtml(Request.QueryString()) + CRLF)
Response.Write("+EncodeHtml(Request.QueryString(1)) + CRLF)
Response.Write("+EncodeHtml(Request.QueryString(2)) + CRLF)
Response.Write("+EncodeHtml(Request.QueryString(3)) + CRLF)
Response.Write("+EncodeHtml(Request.QueryString('Name')) + CRLF)
Response.Write("+EncodeHtml(Request.QueryString('Company')) + CRLF)

*** This code works only if Web directory Accepts Client Certs and you're
running SSL
*** and you actually have a Client Certificate installed!
lcValue = Request.ServerVariables("SERVER_PORT")
IF !EMPTY(Request.GetClientCertificate())
Response.Write("       Certificate Name: "+Request.GetClientCertificate("NAME") + CRLF)
Response.Write("      Certificate Email: "+Request.GetClientCertificate("EMAIL") + CRLF)
ENDIF

Response.Write("&lt;/PRE&gt;&lt;br/&gt;&lt;br/&gt;")

Response.Write("&lt;b&gt;Retrieving Form Variables&lt;/b&gt;&lt;br/&gt;"+CRLF)
Response.Write("Retrieving form variables is just as easy. You can simply use ");
    "the &lt;i&gt;wwRequest::Form()&lt;/i&gt; method to retrieve any form variable as ");
    "a string. Variables are decoded including long text fields and those ");
    "containing control characters.&lt;p&gt;" + CRLF)

*** Retrieve entered values if any - returns "" if not found
*** We do this to 'repopulate' fields with previous values in the form
lcFirstname = Request.Form("FirstName")
lcLastName = Request.Form("LastName")
lcCompany = Request.Form("Company")

*** Now create the actual form in code - There are better ways to do this
*** but this demonstrates how you can do it with code using some of the
*** WC high level wwResponse::Formxxx methods.
Response.Write([<FORM ACTION=""] + Request.GetCurrentUrl() + [" METHOD="POST"><&lt;/PRE&gt;]+CRLF)
Response.Write("Enter your first name: ")
Response.FormTextBox("FirstName",EncodeHtml(lcFirstName),17)
Response.Write("  Last: ")
Response.FormTextBox("LastName",EncodeHtml(lcLastName),22)
Response.Write( CRLF + "         Your Company: ")
Response.FormTextBox("Company",EncodeHtml(lcCompany),50)

Response.Write( CRLF + "     Your Company: ")
Response.FormTextBox("Company",EncodeHtml(lcCompany),50)

Response.Write("&lt;/PRE&gt;&lt;p&gt;")

Response.Write("Here's the relevant example code from the sample form
processing code in wwDemo.prg:&lt;p&gt;")

Response.Write("&lt;b&gt;Collect form variable values into local vars&lt;/b&gt;"+CRLF)
Response.Write("lcFirstname=Request.Form("FirstName") + " &lt;b&gt; +
    EncodeHtml(lcFirstName) + "&lt;/b&gt;" + CRLF)
Response.Write("lcLastName=Request.Form("LastName") + " &lt;b&gt; +
    EncodeHtml(lcLastName) + "&lt;/b&gt;" + CRLF)
Response.Write("lcCompany=Request.Form("Company") + " &lt;b&gt; +
    EncodeHtml(lcCompany) + "&lt;/b&gt;" + CRLF)
Response.Write("&lt;/PRE&gt;" + CRLF)
Response.FormCheckbox("chkShowRequestData",THIS.lShowRequestData,"Show Request Data<p>")

DIMENSION laVars[1]
lnCount = Request.aFormVars(@laVars)

FOR lnX = 1 TO lnCount
    Response.Write( laVars[lnx,1] + " : " + EncodeHtml(laVars[lnX,2]) + "<BR>")
ENDFOR

loForm = Request.FormVarsToObject()

if wwVFPVersion > 7
ENDIF

Response.Write("</form></div>")

Response.DocFooter(PAGEFOOT)

RETURN
ENDFUNC