CONNX Quick Reference Card

Using CONNX with Microsoft IIS 4.0 to Web-enable your data

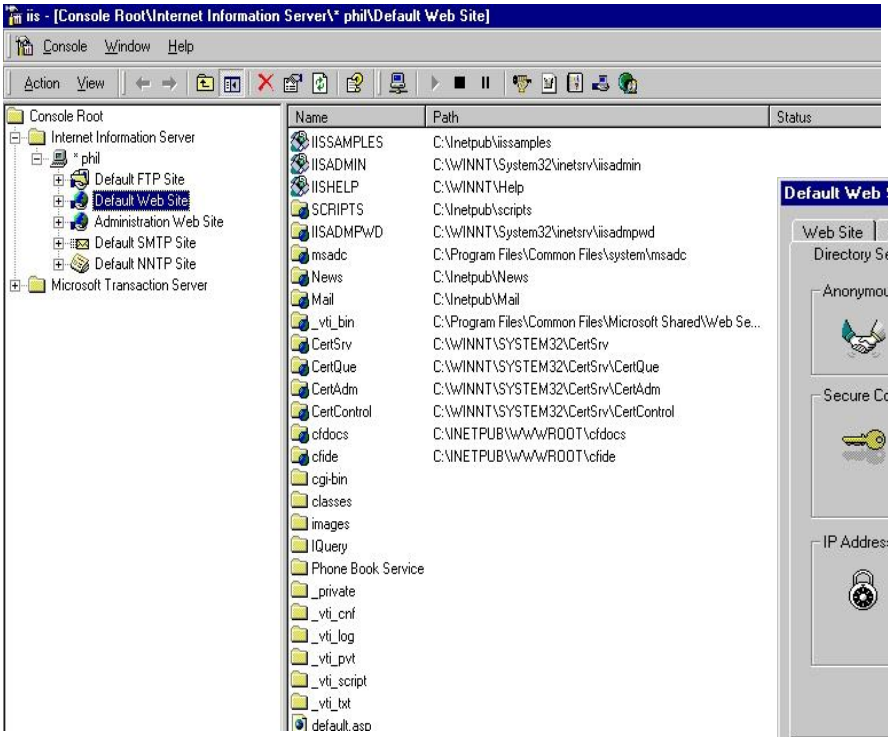
In order to use this procedure, you must have a System DSN established for CONNX that enables you to access your CONNX tables, views, or stored procedures and post them within an Active Server Page on the Internet or a corporate intranet. You can use Active Server Pages (.asp files) created in Microsoft Access or Visual InterDev, HTML files created in Excel, or VBScript to display data from a CONNX Data Dictionary (CDD) using this procedure. The license files for the databases used in the CDD must be located on the same machine on which IIS is installed.

Note: This procedure does not address current security issues relative to online postings of data.

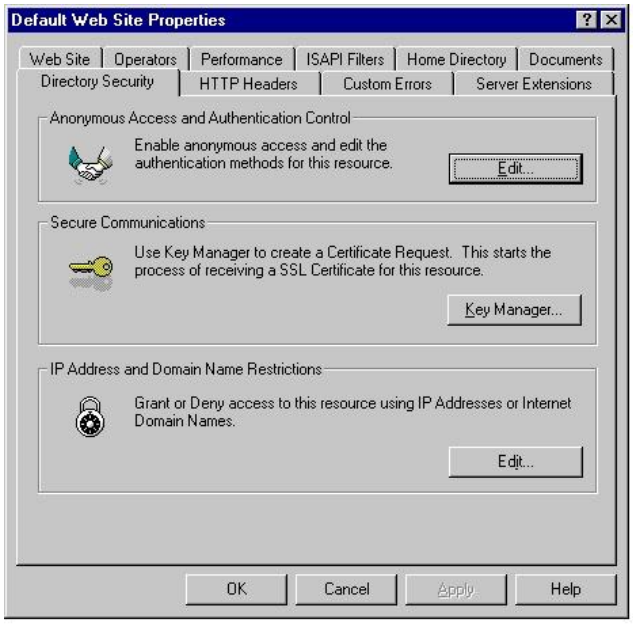
1. Copy and paste your Active Server Page into the Inetpub folder on your hard drive, for example, C:\Inetpub\wwwroot\ . They are automatically saved to the IIS Default Web File folder and on the local host.

2. Click **Start,** point to **Programs,** then select **Windows NT 4.0 Option Pack.** Select **Microsoft Internet Information Server,** and then select **Internet Service Manager.**

3. The **Management Console** appears.



4. To check the default Web site properties or to verify directory security, double-click the **Default Web Site** directory. The **Default Web Site Properties** dialog box appears.



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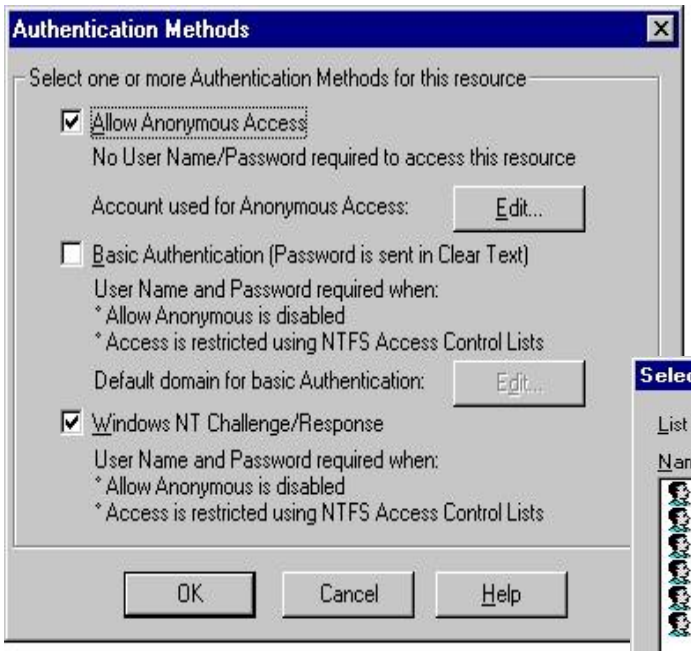
5. Select the **Directory Security** tab. The **Authentication Methods** dialog box appears.

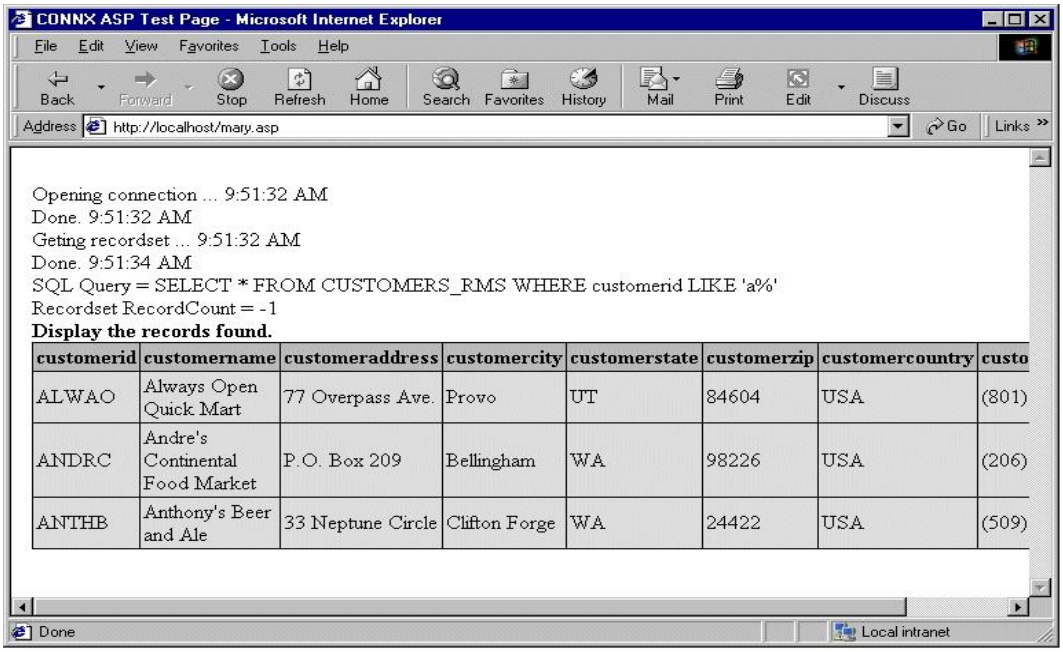


6. Select the **Allow Anonymous Access** check box to enable access to the data. Click the **Edit** button to change access to include users registered on other NT servers. The **Select NT User Account** dialog box appears. You may notice that IIS automatically creates an account name.

7. Select a domain in the **List Names From** list box, and then click the appropriate user account.

8. The .asp file you placed under the default Web site is automatically updated with the same security changes, but you can adjust the files within IIS in the same way, depending on desired access and security. For example, you could use the Web server's default security, then heighten security within the file itself.

9. On the same Windows NT server, open an Internet browser. Type the address for the file within the **Address** text box, for example, http://localhost/<filename.suffix>, and then click **<Enter>.** The file you created opens within the browser window.



10. The following is a sample Active Server Page that you can open and test in IIS. Copy and paste the text into Notepad and then save the file with the .asp extension. Make sure that the ADOVBS.INC file, which can be found in the Inetpub\iissample\ISSamples folder, is copied and placed in the same directory folder as your file.

Note that the syntax on line 13, which reads "CUSTOMERS_RMS," can be altered to suit the databases used within your CDD, for example, "CUSTOMERS_DBMS," or "CUSTOMERS_ORACLE."

```
<!-- #INCLUDE FILE="ADOVBS.INC" -->
<html>
<head>
<title>CONNX ASP Test Page</title>
</head>
<body   bgcolor=#FFFFFF   topmargin=10   leftmargin=15
    marginwidth=15 marginheight=10>
<%
' This file is a sample program to demostrate the usage of CONNX in an asp
' Following is a query to be run against the CUSTOMERS sample table.    The table name may
have
' to be modified to match your sample

    sqlQuery=  "SELECT  *  FROM  CUSTOMERS_RMS  WHERE  customerid  LIKE  'a%'"
    Response.Write "<br>Opening connection ... " & Time()

' create the connection object for ADO
    Set Conn=Server.CreateObject("ADODB.Connection")

' Open the connection.
' you will have to fill in the needed information
    Conn.Open "Your DNS Name","Your CDD UserName","Your CDD Password"

    Response.Write "<br>Done. " & Time()

    Response.Write "<br>Geting recordset ... " & Time()

' Run the query
    Set RS=Conn.Execute(sqlQuery)

    Response.Write "<br>Done. " & Time()

'  Display  the  query  and  the  number  of  records  returned
    RecCount=RS.RecordCount
    Response.Write "<br>SQL Query = " & sqlQuery
    Response.Write  "<br>Recordset  RecordCount  =  "  &  RecCount  '
display the informatiomn
%>

<br><b>Display the records found.</b>
<table  bgcolor=#000000  border=0  cellspacing=1  cellpadding=2>  <tr
bgcolor=#BBBBBB>

<% For i=0 to RS.Fields.Count-1 %>
    <td><b><%=RS(i).Name %></b></td>
<% Next %>
</tr>
<%       Do While Not RS.EOF %>
<tr>
<%       For i = 0 to RS.Fields.Count-1
           Response.Write    ("<td   bgcolor=#DDDDDD>")
           Response.Write RS(i)
```

```
    Next
%>
</tr>

<%      RS.MoveNext

    Loop
%>
</table>


<%
' Close the connection and destroy the object
    RS.Close
    Set RS=nothing
    Conn.Close
%>
</body>
</html>
```