

CONNX 9.0 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\www.root\. 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.
 - 🚡 iis [Console Root\Internet Information Server* phil\Default Web Site] To check the default Web site properties 4. 📸 <u>C</u>onsole <u>W</u>indow <u>H</u>elp or to verify directory security, double-click Action View $\leftarrow \rightarrow$ 🗈 📧 X 📽 🖉 😫 📮 \rightarrow = 1 🕎 🕑 🛃 🖧 the Default Web Site directory. The Name 📄 Console Rool Path Status Default Web Site Properties dialog box 🗄 🦳 Internet Information Server 🛞 IISSAMPLES C:\Inetpub\iissamples appears. 🗄 🗐 🔊 phil SIISADMIN C:\WINNT\System32\inetsrv\iisadmin 🗄 👸 Default FTP Site C:\WINNT\Help 🗄 🤞 Default Web Site C:\Inetpub\scripts 🗄 🧔 Administration Web Site Default Web Site Properties IISADMPWD C:\WINNT\Svstem32\inetsrv\iisadmpwd 🗄 📾 Default SMTP Site 🧟 msadc C:\Program Files\Common Files\system\msadc 🗄 🍪 Default NNTP Site Web Site | Operators | Performance | ISAPI Filters | Home Directory | Documents 诸 News C:\Inetpub\News 🗄 📄 Microsoft Transaction Server Directory Security HTTP Headers Custom Errors Server Extensions 🔁 Mail C:\Inetpub\Mail C:\Program Files\Common Files\Microsoft Shared\Web Se... 🔁 _vti_bin Anonymous Access and Authentication Control C:\WINNT\SYSTEM32\CertSrv CertSrv Enable anonymous access and edit the 诸 CertQue C:\WINNT\SYSTEM32\CertSrv\CertQue authentication methods for this resource Edit d CertAdm C:\WINNT\SYSTEM32\CertSrv\CertAdm CertControl C:\WINNT\SYSTEM32\CertSrv\CertControl C:\INETPUB\W/WR00T\cfdocs d cfdocs Secure Communications 🗖 cfide C:\INETPUB\WWWR00T\cfide Use Key Manager to create a Certificate Request. This starts the 🚞 cgi-bin process of receiving a SSL Certificate for this resource. 📄 classes 🚞 images Key Manager.. 📄 lQuery 🚞 Phone Book Service IP Address and Domain Name Restrictions 🚞 _private 🚞 _vti_cnf Grant or Deny access to this resource using IP Addresses or Internet 🚞 _vti_log 6 Domain Names 🚞 _vti_pvt E djt. 🚞 _vti_script 📄 vtitxt l 🛐 default.asp
- 3. The Management Console appears.

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

Authentication Methods	6. Select the Allow Anonymous Access check box to enable				
Select one or more Authentication Methods for this resource	access to the data. Click the Edit button to change access to include users registered on other NT servers. The Select NT				
Allow Anonymous Access	User Account dialog box appears. You may notice that IIS				
No User Name/Password required to access this resource	automatically creates an account name.				
Account used for Anonymous Access: <u>E</u> dit	7. Select a domain in the List Names From list box, and then				
Basic Authentication (Password is sent in Clear Text)	click the appropriate user account.				
User Name and Password required when: * Allow Anonymous is disabled * Access is restricted using NTFS Access Control Lists					
Default domain for basic Authentication: Edit	Select Windows NT User Account				
✓ Windows NT Challenge/Response					
User Name and Password required when: * Allow Anonymous is disabled * Access is restricted using NTFS Access Control Lists	Names:				
	Summa account of guess access to the con Summa account of guess access to the con Summa account of guess access				
OK Cancel <u>H</u> elp	IWAM_PHIL (Web Application M Internet Server Web Application Manager in internet Server Manager in in				
	SQLAgentCmdExec (SQLAgentC SQL Server Agent CmdExec Job Step Acc				
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	<u>A</u> dd <u>M</u> embers <u>S</u> earch				
security. For example, you could use the Web server's default security, then heighten security	Add Name: PhiNewUser				

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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.

within the file itself.

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CONNX ASP Test Page - Microsoft Internet Explorer										
	<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>I</u> ools <u>H</u> elp									
	H - Back For	→ × × ward Stop F	🔄 🚮 🤅 Refresh Home Se	0) 👘 arch Favorites I	🍏 🛃 - History Mail	Print Edit	Discuss			
Address 🛃 http://localhost/mary.asp										
Opening connection 9:51:32 AM Done. 9:51:32 AM Geting recordset 9:51:32 AM Done. 9:51:34 AM SQL Query = SELECT * FROM CUSTOMERS_RMS WHERE customerid LIKE 'a%' Recordset RecordCount = -1										
	customerid	customername	customeraddress	customercity	customerstate	customerzip	customercountr	v custo		
	ALWAO	Always Open Quick Mart	77 Overpass Ave.	Provo	UT	84604	USA.	(801)		
	ANDRC	Andre's Continental Food Market	P.O. Box 209	Bellingham	WA	98226	USA	(206)		
	ANTHB	Anthony's Beer and Ale	33 Neptune Circle	Clifton Forge	WA	24422	USA	(509)		
e	J Done						Cocal intranet	1		

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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
응>
<br><b>Display the records found.</b>
<% For i=0 to RS.Fields.Count-1 %>
    <b><%=RS(i).Name %></b>
<% Next %>
< %
      Do While Not RS.EOF %>
For i = 0 to RS.Fields.Count-1
<%
          Response.Write ("")
          Response.Write RS(i)
```

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