SYBASE®

Installation Guide

DataWindow .NET™

2.0

DOCUMENT ID: DC00046-01-0200-01

LAST REVISED: March 2006

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Contents

About This Book ..... **v**

CHAPTER 1 **Installing DataWindow .NET** **1**
About DataWindow .NET 1
System requirements 2
Pre-installation tasks 3
Backing up your files 4
Required software for DataWindow .NET features 4
Online Help 6
Running the common setup program 7
Installing Adaptive Server Anywhere 9
Installing DataWindow .NET 10
Installing DataWindow Designer 11
Installing the DataWindow Reference 12
Completing the common setup program 13
What the setup program does 13
Before using DataWindow .NET 14
Replacing DataWindow .NET 1.0 or 1.5 references 14
Setting up your DBMS 15
Installing GNU Ghostscript 15
Installing PostScript drivers 16
Adding tools and components later 17
Uninstalling a product 17

Index **19**

About This Book

Audience

This book is for anyone installing DataWindow .NET™.

How to use this book

Read this book before you run the common setup program to install DataWindow .NET, DataWindow Designer, the DataWindow Reference, and Adaptive Server® Anywhere.

Related documents

For a complete list of DataWindow .NET documentation, see the preface of the DataWindow .NET *Programmer's Guide*.

Other sources of information

Use the Sybase Getting Started CD, the SyBooks CD, and the Sybase Product Manuals Web site to learn more about your product:

- The Getting Started CD contains release bulletins and installation guides in PDF format, and may also contain other documents or updated information not included on the SyBooks CD. It is included with your software. To read or print documents on the Getting Started CD, you need Adobe Acrobat Reader, which you can download at no charge from the Adobe Web site using a link provided on the CD.
- The SyBooks CD contains product manuals and is included with your software. The Eclipse-based SyBooks browser allows you to access the manuals in an easy-to-use, HTML-based format.

  Some documentation may be provided in PDF format, which you can access through the PDF directory on the SyBooks CD. To read or print the PDF files, you need Adobe Acrobat Reader.

  Refer to the *SyBooks Installation Guide* on the Getting Started CD, or the *README.txt* file on the SyBooks CD for instructions on installing and starting SyBooks.
- The Sybase Product Manuals Web site is an online version of the SyBooks CD that you can access using a standard Web browser. In addition to product manuals, you will find links to EBFs/Maintenance, Technical Documents, Case Management, Solved Cases, newsgroups, and the Sybase Developer Network.

  To access the Sybase Product Manuals Web site, go to Product Manuals at http://www.sybase.com/support/manuals/.

Sybase certifications on the Web

Technical documentation at the Sybase Web site is updated frequently.

❖ **Finding the latest information on product certifications**

1. Point your Web browser to Technical Documents at http://www.sybase.com/support/techdocs/.
2. Click Certification Report.
3. In the Certification Report filter select a product, platform, and timeframe and then click Go.
4. Click a Certification Report title to display the report.

❖ **Finding the latest information on component certifications**

1. Point your Web browser to Availability and Certification Reports at http://certification.sybase.com/.
2. Either select the product family and product under Search by Base Product; or select the platform and product under Search by Platform.
3. Select Search to display the availability and certification report for the selection.

❖ **Creating a personalized view of the Sybase Web site (including support pages)**

Set up a MySybase profile. MySybase is a free service that allows you to create a personalized view of Sybase Web pages.

1. Point your Web browser to Technical Documents at http://www.sybase.com/support/techdocs/.
2. Click MySybase and create a MySybase profile.

Sybase EBFs and software maintenance

❖ **Finding the latest information on EBFs and software maintenance**

1. Point your Web browser to the Sybase Support Page at http://www.sybase.com/support.
2. Select EBFs/Maintenance. If prompted, enter your MySybase user name and password.
3. Select a product.
4. Specify a time frame and click Go. A list of EBF/Maintenance releases is displayed.

Padlock icons indicate that you do not have download authorization for certain EBF/Maintenance releases because you are not registered as a Technical Support Contact. If you have not registered, but have valid information provided by your Sybase representative or through your support contract, click Edit Roles to add the "Technical Support Contact" role to your MySybase profile.

5 Click the Info icon to display the EBF/Maintenance report, or click the product description to download the software.

If you need help

Each Sybase installation that has purchased a support contract has one or more designated people who are authorized to contact Sybase Technical Support. If you cannot resolve a problem using the manuals or online help, please have the designated person contact Sybase Technical Support or the Sybase subsidiary in your area.

CHAPTER 1

Installing DataWindow .NET

About this book

This book explains how to install DataWindow .NET on Windows 2000, Windows XP, or Windows Server 2003.

About DataWindow .NET

DataWindow .NET components

DataWindow .NET includes the following components:

- DataWindow .NET 2.0 is a set of Microsoft .NET assemblies that enable you to use DataWindow® objects in applications built with tools that support the .NET Framework. If Microsoft Visual Studio .NET 2005 is installed on your system, the DataWindow assemblies are integrated into the Visual Studio .NET 2005 Toolbox.
- DataWindow Designer 2.0 is a tool that you use to build the DataWindow objects you use in DataWindow .NET.
- DataWindow Reference 2.0 provides dynamic Help for the DataWindow assembly in Microsoft Help 2 format. If Microsoft Visual Studio .NET 2005 is installed on your system, the DataWindow Reference is integrated into the Visual Studio .NET 2005 Help system.

Adaptive Server Anywhere

DataWindow .NET also includes Adaptive Server® Anywhere 9.0.2 (ASA). ASA is a relational database-management system. It is required if you want to use the sample DataWindow object library and demo database installed with DataWindow Designer and the DataWindow .NET samples.

For more information about Adaptive Server Anywhere, see “Installing Adaptive Server Anywhere” on page 9.

DataWindow .NET CDs

DataWindow .NET 2.0 includes the CDs listed in Table 1-1.

Table 1-1: DataWindow .NET 2.0 CD contents

CD	Contents
Getting Started	Global License Agreement, *Customer Services Reference Guide*, *Technical Library Installation Guide*, DataWindow .NET *Release Bulletin*, this *Installation Guide*, and the DataWindow .NET Documentation Offer order card. Load this CD first.
DataWindow .NET	Common setup program for DataWindow .NET 2.0, DataWindow Designer 2.0, the DataWindow Reference 2.0, and Adaptive Server Anywhere 9.0.2. You must install components of DataWindow .NET from the common setup program.
DataWindow .NET Technical Library	Documentation for DataWindow .NET in HTML and PDF formats. For more information, see “Other sources of information” on page v.

System requirements

This section provides system requirements for each product or tool in DataWindow .NET. All tools require a CD-ROM drive. The disk space requirements provided are approximate. The actual disk space you need for each tool might vary depending on hard disk size, partitioning, and the features you choose to install. Additional temporary space is required on the hard disk during installation for uncompressing install files.

DataWindow .NET system requirements

Table 1-2 shows system requirements for DataWindow .NET components.

Table 1-2: System requirements for DataWindow .NET

System component	Development environment
Operating system	Windows 2000 with SP 4, Windows XP Professional with SP 2, Windows XP Tablet PC Edition with SP 2, or Windows Server 2003 with SP 1
CPU	600 MHz Pentium III class processor
Minimum memory	256MB
Minimum disk space	DataWindow .NET: 25MB (38MB complete) DataWindow Designer: 51MB (75MB complete) DataWindow Reference: 1.98MB

Adaptive Server Anywhere system requirements

Table 1-3 shows system requirements for ASA. The CPU and memory requirements shown for the development environment are required for SQL Anywhere® Studio administrative tools.

Table 1-3: System requirements for ASA

System component	Development environment
Operating system	Windows 95, Windows 98, Windows Me, Windows NT with Service Pack 5 or later, Windows 2000, Windows XP, or Windows Server 2003
CPU	400 MHz or higher Pentium-compatible
Minimum memory	48MB in addition to memory required by the operating system
Minimum disk space	41MB for ASA only, 63MB for documentation

Pre-installation tasks

Before you install DataWindow .NET, you need to perform the following tasks:

- Read the release bulletin or readme file for the latest information on the products that you are installing. Pay close attention to the “Special Installation Instructions” section.

  The release bulletin for DataWindow .NET is available at the Sybase Product Manuals Web site at http://sybooks.sybase.com. It is also available in the product box on the “Getting Started” CD.

  A *readme.txt* file for Adaptive Server Anywhere is available in the *ASAnywhere9* directory on the CD.

- Make sure the drive where you install DataWindow .NET is not compressed. If compression is enabled on the installation drive, the setup program fails.
- Make sure you have a TEMP environment variable that points to an existing directory location with at least 70MB free space. The setup programs write files to this directory during the installation and free the space after the installation is complete.
- Close any Visual Studio .NET or .NET Framework applications or tools.
- Read “Backing up your files” next if you plan to use libraries created in Sybase PowerBuilder or InfoMaker with DataWindow .NET.

- Read "Required software for DataWindow .NET features" on page 4 to determine whether you need to install any software before installing DataWindow .NET 2.0.

If you installed a DataWindow .NET beta release

Before you install DataWindow .NET 2.0, you must remove all the beta software from your system from the Windows control panel, as described in "Uninstalling a product" on page 17. If you do not remove the beta software, the setup program prompts you to do so before continuing with the installation.

If you installed DataWindow Designer, manually delete the *easdemodb.log* file in the *DataWindow Designer 2.0* directory.

Backing up your files

If you have used Sybase PowerBuilder or InfoMaker, you can use the DataWindow objects you created with those tools and stored in PowerBuilder libraries (PBLs) in DataWindow .NET.

Make sure that any PBLs you plan to use in DataWindow .NET have been regenerated without error in your current version of PowerBuilder or InfoMaker, and make backup copies before using them in DataWindow .NET or DataWindow Designer. Before you use them in DataWindow .NET, you must add the PBLs to a project in DataWindow Designer and migrate them to convert the source code from DBCS to Unicode encoding. For more information, see the DataWindow Designer *User's Guide*.

Required software for DataWindow .NET features

Table 1-4 lists the software required for some DataWindow .NET features.

Read this table carefully to determine whether you need to install any software *before* you run the common setup program, and whether you need to select any other products or options available in the common setup program when you select DataWindow .NET or DataWindow Designer.

Table 1-4: Required software for DataWindow .NET features

Feature	Required software	Notes
DataWindow .NET development	Microsoft Visual Studio .NET 2005 or another tool that supports the Microsoft .NET Framework Version 2.0	You must shut down Visual Studio before running the setup program. If Visual Studio .NET 2005 is installed before DataWindow .NET, DataWindow .NET controls are added to the Toolbox. If you install Visual Studio after installing DataWindow .NET, you can use the DWToolBoxReg tool to add them later. Microsoft .NET Framework Version 2.0 is required for DataWindow .NET deployment.
DataWindow .NET Web forms development	Internet Information Services (IIS) 5.0 or later	IIS must be configured to work with ASP.NET 2.0. For more information about configuring IIS, see your Microsoft documentation.
Context-sensitive help in Visual Studio .NET 2005	DataWindow Reference	The DataWindow Reference is an option on the Select Components page in the setup program. See "Online Help" on page 6 for more information.
DataWindow Designer sample library and demo database DataWindow .NET tutorial in the *Programmer's Guide*	Adaptive Server Anywhere (ASA) 9.0.2 or later Code Examples option in DataWindow Designer setup program	ASA 9.0.2 is included in the common setup and is installed before DataWindow .NET if you select both products. If the setup program cannot detect ASA 9.0.2 or later on your computer and you have not selected ASA in the common setup, you receive a warning if you select DataWindow Designer. If you choose to continue, the setup program does not install the sample DataWindow object library and demo database or create registry entries for the demo database. If you want to use these features later, you must install ASA and reinstall DataWindow Designer. The Code Examples option is installed by default if ASA 9.0.2 is detected on your computer.
Visual Studio .NET examples in the *Code Examples* directory	Adaptive Server Anywhere (ASA) 9.0.2 or later ADO.NET database driver Code Examples option in DataWindow .NET setup program DataWindow Designer demo database	ASA 9.0.2 is included in the common setup and is installed before DataWindow .NET if you select both products. The ADO.NET driver is installed by default for both DataWindow .NET and DataWindow Designer.

Feature	Required software	Notes
Saving DataWindows as PDF	GNU Ghostscript *and* PostScript printer driver	See "Installing GNU Ghostscript" on page 15 for information about obtaining and installing GNU Ghostscript files. The default PostScript printer driver and related files are installed in *Sybase\DataWindow .NET 2.0\drivers*. You can also install drivers from other vendors. See "Installing PostScript drivers" on page 16.
Data access using the PowerBuilder ADO.NET interface	Microsoft .NET Framework version 2.0	
Data access using the DataWindow .NET OLE DB interfaces	Microsoft Data Access Components (MDAC) 2.6	To install MDAC 2.6, run the *MDAC_TYP.EXE* file, which can be found in the *Support* directory on the DataWindow .NET CD. Internet Explorer 4.0.1 Service Pack 2 or a later version of Internet Explorer must be present on your computer when you run *MDAC_TYP.EXE*. If it is not, the installation aborts.
DataWindow .NET Runtime Packager	Microsoft Windows Installer	Microsoft Windows Installer is installed on all Windows XP and Windows Server 2003 systems. For Windows 2000, it can be installed or updated using the Windows Installer 3.1 Redistributable component downloaded from the Microsoft Download Center at http://www.microsoft.com/downloads.

Online Help

DataWindow .NET includes several forms of online Help. Read this section to determine which Help files you need to install.

Context-sensitive reference help

If you have Visual Studio .NET 2005 installed, you can install context-sensitive reference help for the DataWindow assembly in Microsoft Help 2 format (*DataWindowReference.HxS*). To do so, select DataWindow Reference on the Select Components page in the common setup program.

This Help is added to the Visual Studio .NET 2005 Help namespace. It displays in the Visual Studio .NET Help contents, index, and search lists and provides dynamic help using the F1 key.

This Help can be displayed only from within Visual Studio or using Microsoft or third-party tools that are not installed on most systems. See "Reference help in compiled HTML Help format" on page 7 for how to install the same information in a more generally accessible format.

Reference help in compiled HTML Help format

Reference help for the DataWindow .NET assembly in compiled HTML Help format (*dwref20.chm*) provides the same information as the Microsoft Help 2 file and can be launched by double-clicking the CHM file in Windows Explorer. This file is particularly useful if you do not use Visual Studio .NET.

This help is installed by default with the DataWindow .NET component. You can deselect it by selecting the custom installation, expanding the Help node on the subcomponents page, and clearing the Reference Help check box.

Books in compiled HTML Help format

You can install a compiled HTML Help file (*dwnet20.chm*) that contains four books: the DataWindow .NET *Programmer's Guide*, the *DataWindow Object Reference*, the *DataWindow Designer User's Guide*, and *Connecting to Your Database*, as well as dialog box Help for DataWindow .NET selection and deployment dialog boxes.

This Help is installed with both the DataWindow Designer and DataWindow .NET components. If you want to install only one copy of the file, select the DataWindow .NET custom installation, expand the Help node on the subcomponents page, and clear the Main Help check box.

Online Help for DataWindow Designer

When you install DataWindow Designer, context-sensitive help and reference information for DataWindow Designer in Windows Help format (*dwhlp20.hlp*) is installed by default. This help includes the *Connection Reference*, which contains descriptions of database parameters and preferences, and the *DataWindow Object Reference*, which contains descriptions of DataWindow expressions, expression functions, and properties.

Running the common setup program

To install DataWindow .NET, run the common setup program on the DataWindow .NET CD. The common setup program automatically starts the individual setup programs for the products you choose to install.

You must have Administrator privileges to fully install this product. After installing, make sure users have write permission for the DataWindow .NET 2.0 and DataWindow Designer 2.0 directories and the Windows registry.

❖ **To install the DataWindow .NET product set:**

1. Exit any programs that are running.

   If you do not, the setup program might not be able to copy some files to the appropriate directories.

2. Insert the DataWindow .NET CD into your CD-ROM drive and run the *setup.exe* program from the root directory.

3. On the Welcome page, click Next to go to the License Agreement page.

   You must select the location where you are installing this software from the drop-down list and agree to the terms of the license agreement before you can continue.

4. On the Customer Information page, enter your name and your company's name.

5. On the Choose Destination Location page, click Next to accept the destination path shown, or click Browse and select a different path, click OK, and click Next.

   Back and Next
   Use the Back and Next buttons to step backward and forward through the wizard to modify specifications as necessary.

6. On the Select Components page, select the components you want to install and click Next to continue.

7. Complete the setup program for each individual tool you selected.

   Instructions for using the individual setup programs from the common setup program are provided in this chapter. They are presented in the order in which the setup programs run if you select two or more products.

Component	Section
Adaptive Server Anywhere	"Installing Adaptive Server Anywhere" on page 9
DataWindow .NET	"Installing DataWindow .NET" on page 10
DataWindow Designer	"Installing DataWindow Designer" on page 11
DataWindow Reference	"Installing the DataWindow Reference" on page 12

Cancel
To interrupt the installation process, use the Cancel button in the wizard. When you click Cancel, you can choose to exit or resume the installation. If you choose to exit, you can exit the current setup program and continue with your other selections, or exit setup completely.

Installing Adaptive Server Anywhere

Sybase Adaptive Server Anywhere (ASA) is a fully-featured relational database and data management tool. The ASA installation is restricted to development use only. Deployed systems require a separate ASA license or the ASA Runtime Edition (see "ASA Runtime Edition" on page 9).

ASA Runtime Edition

DataWindow .NET also includes the Adaptive Server Anywhere for Windows royalty-free runtime edition (the "ASA Runtime Edition"). The ASA Runtime Edition is a restricted-functionality version of the standalone version of Adaptive Server Anywhere. For example, the ASA Runtime Edition does not support stored procedures and triggers, transaction logs, and synchronization.

The ASA Runtime Edition is available in the *Support\asa90runtime* directory on the DataWindow .NET CD. For more information, including the list of Redistributable Components of the ASA Runtime Edition, see the *Read Me First* document in that directory.

Installation procedure

The Adaptive Server Anywhere setup program installs the ASA developer edition in default drives and directories unless you specify otherwise. If a directory you specify does not exist, setup creates it.

❖ **To install ASA:**

1 On the License Agreement page, read the terms of the license agreement page carefully.

You must accept the terms of the license agreement before you can click Next to continue.

2 On the Choose Location page, click Next to accept the destination folder path shown, or click Browse and select a different path for all the modules, click OK, and click Next.

3 On the Choose Shared Components Location page, click Next to accept the destination folder path shown, or click Browse and select a different path for shared files, click OK, and click Next.

4 On the Select Components page, select the components you want to install, and click Next.

5 On the Select Program Folder page, select the program folder to which program icons will be added or specify a new one, and click Next.

6 On the Start Copying Files page, review your settings, then click Next to begin installing files or Back to change your selections.

If you selected Documentation in step 3, the SQL Anywhere 9 Documentation Setup Select Components page displays.

7 Select Next to install the documentation or Cancel to continue without installing it. If you select Next, select Next again on the Start Copying Files page.

8 On the Setup Complete page, select the check box if you want to view iAnywhere Online Resources, and click Finish to return to the DataWindow .NET setup program.

Installing DataWindow .NET

The DataWindow .NET setup program installs DataWindow .NET in default drives and directories unless you specify otherwise. If a directory you specify does not exist, setup creates it.

❖ **To install DataWindow .NET:**

1 On the Choose Destination Location page, click Next to accept the destination folder path shown, or click Browse and select a different path, click OK, and click Next.

2 On the Setup Type page, select Complete or Custom and click Next.

Select the Custom option if you want to choose which components to install.

3 If you selected Custom install, check the components you want to install on the Select Components page and click Next.

You can expand the tree view to select or clear subcomponents of top-level components.

You can choose whether to install the following components:

- Native database interfaces – these database interfaces provide native connections to Sybase, Oracle, and Informix databases.
- ADO.NET database driver.
- ODBC database driver.
- OLE DB database driver.
- Help – for information about which Help files to install, see "Online Help" on page 6.
- Code Examples – Visual Studio .NET samples for Windows forms and Web forms.

4 On the Start Copying Files page, review your settings, then click Next to begin installing files or Back to change your selections.

5 On the InstallShield Wizard Complete page, click Finish to return to the common setup program.

Installing DataWindow Designer

The DataWindow Designer setup program installs DataWindow Designer in default drives and directories unless you specify otherwise. If a directory you specify does not exist, setup creates it.

❖ **To install DataWindow Designer:**

1 On the Choose Destination Location page, click Next to accept the destination folder path shown, or click Browse and select a different path, click OK, then click Next.

2 On the Setup Type page, select Complete or Custom and click Next.

Select the Custom option if you want to choose which components to install.

3 If you selected Custom, the Select Components page displays; select the components you want to install and click Next to continue.

You can expand the tree view to select or clear subcomponents of top-level components. You can choose whether to install the following components:

- Native database interfaces – these database interfaces provide native connections to Sybase, Oracle, and Informix databases.
- ADO.NET database driver.
- ODBC database driver.
- OLE DB database driver.
- Code examples – this option installs a demo database and a sample library and project file.
- Help – this option installs the *dwhlp20.hlp*, *dwhlp20.cnt*, and *dwnet20.chm* files. For information about what these files contain, see "Online Help" on page 6.

4 On the Start Copying Files page, review your settings, then click Next to begin installing files or Back to change your selections.

5 On the InstallShield Wizard Complete page, click Finish to return to the common setup program.

Installing the DataWindow Reference

If Visual Studio .NET 2005 is installed on your system, install the DataWindow Reference to provide access to context-sensitive help for DataWindow .NET in Visual Studio. For more information, see "Context-sensitive reference help" on page 6.

The DataWindow Reference setup program installs the DataWindow Reference in default drives and directories unless you specify otherwise. If a directory you specify does not exist, setup creates it.

❖ **To install the DataWindow Reference:**

1 On the Choose Destination Location page, click Next to accept the destination folder path shown, or click Browse and select a different path, click OK, then click Next.

2 On the Start Copying Files page, click Next to begin installing files.

3 On the InstallShield Wizard Complete page, click Finish to return to the common setup program.

Completing the common setup program

After all the products you selected have been installed, you return to the common setup program.

❖ **To complete the common setup program:**

- On the InstallShield Wizard Complete page, click Finish to complete the installation.

  If you do not clear the check boxes on this page, setup displays the readme file and launches a browser so that you can complete online registration.

Network install
The installation procedure presented above assumes you are installing from the DataWindow .NET CD. If you are a system administrator, you might want to allow users to install DataWindow .NET from a network drive rather than from the CD. To do this, copy the files from the CD into a directory on a network drive. Users can then install DataWindow .NET by running the setup program from the network.

What the setup program does

The setup program does the following:

- Installs Sybase files in a *Sybase* directory
- Installs system files in the Windows operating system path
- Creates a program group and icons for each product installed
- Creates uninstall files to identify what needs to be removed if you uninstall a product
- Makes changes to the Windows registry
- Creates or updates the *DW.INI* for DataWindow Designer

Registry changes

The setup program makes the following changes to the Windows registry:

- Creates or updates registry subkeys, including *ODBC.INI* and *ODBCINST.INI*
- Creates or updates the Sybase key in *HKEY_CURRENT_USER\Software* and *HKEY_LOCAL_MACHINE\Software*
- Updates system and user paths in *HKEY_CURRENT_USER\Environment*
- Adds the appropriate paths to the registry path *HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\App Paths*
- Adds the paths to compiled HTMLHelp files to the registry path *HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\HTMLHelp*

Before using DataWindow .NET

Before you use DataWindow .NET 2.0, you might need to perform some additional migration or configuration tasks:

- Replacing DataWindow .NET 1.0 or 1.5 references
- Setting up your DBMS
- Installing GNU Ghostscript
- Installing PostScript drivers

Replacing DataWindow .NET 1.0 or 1.5 references

If you want to reuse an existing solution that used DataWindow .NET 1.0 or 1.5, make a backup copy, then open the solution in Visual Studio .NET 2005 and migrate the solution to Visual Studio .NET 2005.

In the Solution Explorer, remove references to DataWindow .NET 1.0 or 1.5 assemblies and DLLs, and add references to the DataWindow .NET 2.0 assemblies in your *DataWindow .NET 2.0* directory (*DataWindow.dll*, *DataWindowInterop.dll*, and, for Web applications, *WebDataWindow.dll*). When you drag a DataWindow .NET 2.0 component onto a form, references to the DataWindow .NET 2.0 assemblies are added to the Solution Explorer automatically.

Setting up your DBMS

Your DBMS might require additional setup procedures for use with DataWindow .NET or DataWindow Designer. For details, see *Connecting to Your Database*.

Installing GNU Ghostscript

Before you can save DataWindow objects in PDF format, you must install GNU Ghostscript on your computer.

❖ **To install GNU Ghostscript:**

1 Into a temporary directory on your computer, download the self-extracting executable file for the version of Ghostscript you want from one of the sites listed on the Ghostscript Web site at http://www.ghostscript.com.

2 Run the executable file to install Ghostscript on your system.

The default installation directory is *C:\gs*. You can select a different directory and/or choose to install shortcuts to the Ghostscript console and readme file.

Location of files

When you save a DataWindow object as PDF, the DataWindow server searches in the following locations for an installation of GNU Ghostscript:

- The Windows registry
- The relative path of the *pbdwn105.dll* file
- The system PATH environment variable

If GNU Ghostscript is installed using the Ghostscript executable file, the path is added to the Windows registry.

If the Ghostscript files are in the relative path of the *pbdwn105.dll* file, they must be installed in this directory structure:

```
dirname\pbdwn105.dll
dirname\gs\gsN.NN
dirname\gs\fonts
```

where *dirname* is the directory that contains the runtime DLLs and *N.NN* represents the release version number for Ghostscript.

Installing PostScript drivers

The PostScript drivers installed with DataWindow .NET do not support searchable PDF and do not handle tables correctly if they have more columns than can fit on a single page. You can use a PostScript driver from another vendor as an alternative. If you do not already have a PostScript printer or printer driver installed on your system, use the Windows Add Printer wizard to add a PostScript printer.

❖ **To add a PostScript printer to your printer settings:**

1. Select Settings>Printers from the Windows Start menu.
2. Double-click Add Printer.
3. Specify a local printer.
4. Specify FILE: as the port.
5. Select a manufacturer (such as HP) and a printer with the designation PS (such as HP Color LaserJet PS or HP LaserJet 4/4M Plus PS 600).
6. Accept the default name or enter a shorter name for the printer.
7. Complete the wizard.

❖ **To use the alternative print driver in the DataWindow painter:**

1. Select the Distill Custom PostScript check box on the Data Export property page for PDF export.
2. Specify the printer name (from step 6 in the previous procedure) as the Printer Name on the Print Specifications page.

❖ **To use the alternative print driver in code:**

- Set the Distill.CustomPostScript and Printer properties.

  For example:

```
dw_1.Modify("DataWindow.Export.PDF.Distill.CustomPostScript=1")
dw_1.Modify("DataWindow.Printer='HP LaserJet 4/4M Plus PS 600'")
```

Your computer (and the Web server for Web applications) must have a PostScript printer profile called Sybase DataWindow PS. This profile is added to your development computer automatically when you save a DataWindow's rows to a PDF file in the DataWindow painter.

Adding tools and components later

You can install additional tools and components by running the setup program again.

❖ **To add one or more components or tools to your installation:**

1 Perform steps 1-4 of the installation procedure in "Running the common setup program" on page 7. Do not change the location for shared files.

2 On the Select Components page, select the components to install.

3 Complete the setup program for each individual tool you selected, selecting subcomponents as required.

Uninstalling a product

What the uninstall tool does

If you want to remove products from your computer, you should use the uninstall tool for each product you want to remove. This tool removes:

- Shared and standard program files
- Folder items
- Program folders
- Program directories
- Program registry entries

Why use the uninstall tool

The uninstall tool removes file and icon groups, as well as system and user path settings in the registry and INI files. These changes are not made if you simply delete directories.

Removing shared DLLs

The install tool increments the usage count in the registry for each shared Sybase DLL and each shared system DLL, and the uninstall tool decrements that count. The uninstall tool does not try to delete a shared DLL until the usage count reaches zero. If you remove a component that uses a shared DLL and the usage count is zero, the uninstall tool asks if you want to delete the DLL.

Stopping the uninstall tool

Unlike the install tool, uninstall has no Back or Cancel button. Once you click Yes in the procedure below, uninstall cannot be stopped.

❖ **To use uninstall to remove a product:**

1. Make a backup copy of any files you might want to reuse (such as DB, INI, and PBL files) if you plan to reinstall.
2. Open the Control Panel from the Start menu and double-click the Add/Remove Programs icon.
3. On the Install/Uninstall tab, select the tool to uninstall, click Add/Remove, and click Yes when prompted to confirm that you want to remove the tool.
4. If you are prompted to remove a shared file, click the appropriate response.

Be cautious about deleting system DLLs
If the usage count for a system file in the registry indicates that the file is no longer being used, uninstall asks if you want to delete the file. Some applications do not increment the usage count; therefore, *do not delete a file unless you are sure it is not being used by another application.*

Index

A

Adaptive Server Anywhere
  required for tutorials and samples 5
  Runtime Edition 9
  setup program 9
  system requirements 2, 3
ADO.NET database interface
  required for code examples 5
  requires MDAC 2.6 6
ASA. *See* Adaptive Server Anywhere

B

backup requirements 4
before you install 3

C

CDs in box 2
components of DataWindow .NET 2
configuration, DBMS 15
context-sensitive help
  in DataWindow Designer 7
  in Visual Studio .NET 6
  installing 5, 12

D

DataWindow .NET
  before using 14, 15
  components 2
  pre-installation tasks 3
  required software 4
  setup program 7
  system requirements 2
  uninstalling 17
DataWindow .NET Runtime Packager, requirements 6
directory structure, required for save as PDF 15
disk space requirements 2, 3

E

environment variable, TEMP 3

F

features, software required for 5

G

Getting Started CD 2
GNU Ghostscript
  installing 15
  required for distill save as PDF method 6

H

hardware requirements 2
help, about 6

I

IIS, required for ASP.NET applications 5
installation
  ASA 9
  common setup program 7
  DataWindow .NET 10
  DataWindow Designer 11
  DataWindow Reference 12

L

libraries
  backing up 4
  migrating 4

M

memory requirements 2
Microsoft Data Access Components (MDAC), required for OLE DB 6
Microsoft Windows Installer, required for DataWindow .NET Runtime Packager 6
migration, required for existing DataWindow objects 4

O

OBDCINST.INI Registry subkey 14
ODBC.INI Registry subkey 14
OLE DB data access, requirements 6
online help 6
operating systems supported 2

P

PBLs
  backing up 4
  migrating 4
PostScript driver, required for save as PDF 6

R

registry subkeys
  ODBC.INI 14
  ODBCINST.INI 14
release bulletins 3
removing DataWindow .NET 17
requirements
  software 4
  system 2
Runtime Edition, Adaptive Server Anywhere 9
Runtime Packager, requirements 6

S

samples and tutorials, requirements 5
setup program for DataWindow .NET
  common 2
  starting 7
setup.exe file, starting 7
software CDs 2
software requirements 4
starting setup program for DataWindow .NET 7
system requirements 2

T

Technical Library CDs 2
temp directory 3
TEMP environment variable 3
tutorials and examples, requirements 5

U

uninstalling DataWindow .NET 17