

# Release Bulletin DataWindow .NET™ 2.0

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# 1. Accessing current release bulletin information

A more recent version of this release bulletin may be available on the Web. To check for critical product or document information added after the product release, use the Sybase Product Manuals Web site.

❖ **Accessing release bulletins at the Sybase Product Manuals Web site**

- 1 Go to Product Manuals at <http://www.sybase.com/support/manuals/>.
- 2 Select DataWindow .NET™ and click Go.
- 3 Select DataWindow .NET 2.0 from the Document Set list.
- 4 Select the Release Bulletins link.
- 5 Select the link to the release bulletin. You can either download the PDF version or browse the document online.

## 2. Product summary

This product is Sybase DataWindow .NET™ version 2.0, which is compatible with the following platform and operating system configurations:

- Microsoft Windows 2000 with Service Pack 4
- Microsoft Windows XP with Service Pack 2
- Microsoft Windows XP Tablet PC Edition with Service Pack 2
- Microsoft Windows Server 2003 with Service Pack 1

### 2.1 Third-party software

For third-party software licenses that apply to this product, see the *Getting Started CD* in your DataWindow .NET 2.0 software package.

## 3. Special installation instructions

The *Installation Guide* on the Getting Started CD describes how to install the software.

## 4. Changed functionality in this version

*New Features in DataWindow .NET 2.0* describes features added in this version. You can view this book on the Sybase Product Manuals Web site at <http://www.sybase.com/support/manuals/>. Select DataWindow .NET from the list of products and click Go, then select DataWindow .NET 2.0 and select this title.

The New Features section of the *dwnet20.chm* Help file also describes features added in this release. To view this Help, from the Windows Start menu select Programs>Sybase>DataWindow Designer 2.0>Compiled HTML Help File.

## 5. Known problems

### 5.1 DataWindow .NET issues

#### 5.1.1 GetFullState and SetFullState cause OutOfMemoryException

When used with a large volume of data in a distributed (.NET remoting) application, the `GetFullState` and `SetFullState` methods consume excessive memory and an `OutOfMemoryException` is thrown. The same technique in a client/server application works correctly. [CR 360283]

#### 5.1.2 ADO.NET driver does not support Oracle stored procedures

The DataWindow .NET ADO.NET database driver cannot retrieve a DataWindow built using an Oracle stored procedure as its data source. It reports the following error: "SqlDbCode = 999. SqlErrText = Select error: Requested result set not found." The same DataWindow can be retrieved successfully using the DataWindow .NET Transaction object. [CR 347692]

#### 5.1.3 DataWindow blobs do not support Web services

The `DataWindowFullState` and `DataWindowChanges` classes cannot be used in a Web service because some of their members are internal or protected and therefore cannot be serialized using XML serialization. [CR 404157]

## 5.2 DataWindow issues

### 5.2.1 AutoSize Height issues with header band

When two reports are included one above the other in the header band of a DataWindow object and the `AutoSize.Height` property is set to true for the header band and false for the detail band, the DataWindow displays incorrectly in preview. The lower report overlaps the upper report. The report displays correctly if the `AutoSize.Height` property is set to true in both the header and detail bands. [CR 405033]

### 5.2.2 Save As PDF fails on Windows 2003 Server

Saving as PDF fails at runtime on Windows 2003 Server. This is caused by a Group Policy that by default disallows installation of printers that use kernel-mode drivers. Kernel-mode drivers have access to system-wide memory, and poorly written drivers can cause system failures. To allow installation of kernel-mode drivers, follow these steps:

- 1 Select Run from the Windows Start menu.
- 2 In the Open box, type `gpedit.msc` and click OK.
- 3 In the Group Policy console, expand Computer Configuration, Administrative Templates, and Printers.
- 4 Disable “Disallow Installation of Printers Using Kernel-Mode Drivers.”

[CR 349868]

### 5.2.3 Limitations in default PostScript drivers

The PostScript drivers installed with DataWindow .NET do not support searching the generated PDF file, and when a DataWindow object has more columns than fit on a single page, so that data is wrapped to a new page in the PDF file, sometimes the last column on each page is clipped. The workaround is to use an alternative driver. See the *Installation Guide* for how to install and use an alternative driver. [CR 324579, CR 332365]

## 5.3 Web DataWindow issues

### 5.3.1 Page error when page scripting language set to VBScript

If the scripting language of an *.aspx* page is set to VBScript, the JavaScript inserted when a client event handler is generated from the Properties window causes an “Invalid character” page error. VBScript and JavaScript can coexist on the page as long as the default scripting language is not set to VBScript. [CR 376258]

### 5.3.2 ResetUpdateStatus in external Web DataWindow

When a DataWindow has been retrieved from a database, calling `ResetUpdateStatus` after `InsertRow` resets the client context and no row is inserted on the client. This is expected behavior. However, when a DataWindow has been created using `DataWindowSyntaxFromSql`, the client context is not reset and a row is inserted on the client. If you make another change before calling `ResetUpdateStatus`, such as calling `SetItem`, the client context is reset and no row is inserted. [CR 380438]

### 5.3.3 Web DataWindow Retrieve fails with retrieval arguments

When there are retrieval arguments, the Web DataWindow client-side `Retrieve` method returns -1 and fails to retrieve data. [CR 382988]

### 5.3.4 Rectangles not rendered in Label Web DataWindow

Rectangles in the foreground layer of a label DataWindow cannot be rendered unless the `WebDataWindowControl`'s height is set to a fixed value. [CR 414976]

### 5.3.5 In correct rendering after client-side insert, append, or delete

In an N-Up DataWindow using the XML `RenderFormat` and `XmlClientSidePagingMethod`, some items in the detail band, such as a computed field or text, are rendered in the wrong position after a client-side insert, append, or delete row. Newly inserted or appended rows are not rendered correctly. [CR 423620]

## 5.4 Database connectivity issues

### 5.4.1 Window is a reserved word in ASA

In ASA 9, the word “window” is a reserved word. As a result, SELECT statements on a column with the name window do not work correctly. There are several ways to work around this issue:

- Set the DelimitIdentifier database parameter to “Yes” in the ConnectString.
- Set the ASA database option “SET OPTION NON\_KEYWORDS = ‘WINDOW’”.
- In SQL statements, enclose the column name in quotation marks.

[CR 334166]

### 5.4.2 Informix interface does not work with UTF-8

The IN9 Informix database interface cannot update and retrieve data when the Informix server uses the UTF-8 character set. The interface works correctly with ANSI and DBCS. [CR 349535]

### 5.4.3 Alter table limitations with OLE DB and Microsoft SQL Server

When you connect using OLE DB and change the name or width of a column in an MSS2000 database using Alter Table in the Database painter in DataWindow Designer, the column is moved to the end of the table and all its data is lost. To prevent this from occurring, DataWindow Designer does not allow you to alter a table's column name and column size. You can alter the table outside the painter using ISQL scripts. [CR 348581]

### 5.4.4 OraOleDB faster than Oracle8ADOPProvider

When you use an OLE DB connection to an Oracle9i database, the Table list or View list displays more quickly in the Database painter if you use OraOleDB instead of the Oracle8ADOPProvider. [CR 341835]

### 5.4.5 Connection issues with CnnPool

In the Database painter, attempting to connect to an Oracle9i or Oracle 10g database from an Oracle9i or Oracle 10g client fails after a connect and disconnect if the CnnPool database parameter is set to ‘Yes’. [CR 355639]

### 5.4.6 Microsecond portion of Adaptive Server times not retrieved

When you use the OLE DB interface to connect to an Adaptive Server Enterprise database and select a column with the DateTime or Time datatype, the microsecond portion of the time value is not retrieved. When you use the ODBC and JDBC interfaces, the microsecond portion of a DateTime column value is retrieved correctly, but the microsecond portion of a Time column value is not. [CR 399257]

### 5.4.7 ASE version 15 with ODBC driver

The following issues occur when you connect to an ASE version 15 server using the Sybase ASE ODBC driver:

- NChar(10) and NVarChar(10) columns are saved as Char(10) and VarChar(10). [CR 408710]
- Retrieving and updating data in a DataStore with a TimeStamp datatype fails. This is due to a bug in the ASE ODBC driver. [CR 408684, CR 416248]

## 6. Product compatibilities

This product is compatible with development environments that support the Microsoft .NET Framework Version 2.0. It has been tested with Microsoft Visual Studio .NET 2005 Professional and Standard editions. DataWindow .NET 2.0 has not been fully tested with Visual Studio .NET 2005 Express editions and they are currently not supported.

Microsoft .NET Framework Version 2.0 is required for deployment.

Microsoft Internet Information Services (IIS) 5.0 or later and ASP.NET 2.0 or later are required for Web DataWindow development and on the Web server.

## 7. Technical support

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 have any questions about this installation or if you need assistance during the installation process, ask the designated person to contact Sybase Technical Support or the Sybase subsidiary in your area.

## 8. 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/>.

### 8.1 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.

## 8.2 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.

