

Release Bulletin InfoMaker[®] 10.5.2

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1. Accessing current release bulletin information

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

❖ Accessing release bulletins at the Technical Library Product Manuals Web site

- 1 Go to Product Manuals at <http://www.sybase.com/support/manuals/>.
- 2 Select InfoMaker® from the list of products and click Go.
- 3 Select InfoMaker 10.5.2.
- 4 Select the Release Bulletin.

2. Product summary

This product is Sybase InfoMaker version 10.5.2, 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 2
- Microsoft Windows Vista 32-bit and 64-bit Business Editions (deployment only)

2.1 DataDirect database drivers

The PB DataDirect ODBC drivers and OLE DB data providers from DataDirect Technologies are delivered with this release under a limited contract. They will be removed from the final InfoMaker 10.5.x EBF download.

3. Special installation instructions

This section describes special installation instructions for InfoMaker.

3.1 Before you install

Before you install this release, shut down any applications running on your system. Restart your system after all the installations are complete.

The executable file in this release extracts setup files to the folder specified by your TMP environment variable, or the folder specified by your TEMP environment variable if TMP is not defined or specifies a directory that does not exist. Make sure you have enough disk space on the drive containing this folder before beginning the installation.

To specify an alternative location, open the System Properties dialog box from the Windows control panel, select the TMP user variable (or TEMP if TMP does not exist) on the Environment tab page or Advanced tab page, and specify a location that has sufficient space.

3.2 Installing InfoMaker

You can download InfoMaker 10.5.2 from the InfoMaker page of the Sybase EBFs/Maintenance site at <http://downloads.sybase.com> (select “in all months” and click the GO button if you do not see the 10.5.2 release). Download the zip file and extract its contents to a temporary directory on your computer using the “Use folder names” option.

To install InfoMaker version 10.5.2, you must have already installed InfoMaker version 10.5 on your computer.

❖ **To update InfoMaker:**

- 1 Create a backup by copying the contents of your *Sybase\Shared\PowerBuilder* directory to another directory.

- 2 If you use the Internet plug-ins, back up the *Internet Tools* directory in the *Sybase\InfoMaker 10.5* directory. Also, back up other files that contain information you do not want to lose, such as PBLs, database files, and *.INI* files.
- 3 Run the *setup.exe* file in the *InfoMaker* directory extracted from the zip file.

4. Changed functionality in this version

This section describes changes in the InfoMaker 10.5.2 release. See “Migration information” on page 14 for information about changes in recent releases that might require changes to your applications.

- Support for Microsoft Vista operating system
- Support for Internet Explorer 7
- Right-to-left support for TreeView reports
- PostScript printer driver changes
- Database connectivity changes

4.1 Support for Microsoft Vista operating system

InfoMaker 10.5.2 provides runtime support for applications deployed to the Microsoft Vista operating system. The Vista operating system is not supported for development.

InfoMaker 10.5.2 applications are 32-bit applications, but testing has been performed on both the 32-bit Vista Business Edition and the 64-bit Vista Business Edition. Rich text features are currently not fully supported on the Vista operating system. For more information about unsupported features, see “Vista issues” on page 9.

Vista does not ship with the Windows standard help display program *WinHlp32.exe*. If your application uses Windows Help (*.hlp*) files, your users can download the executable from links on the Microsoft Web site at <http://go.microsoft.com/fwlink/?LinkID=82148>.

4.2 Support for Internet Explorer 7

InfoMaker 10.5.2 has been tested with Microsoft Internet Explorer version 7.

4.3 Right-to-left support for TreeView reports

The TreeView report now supports the RightToLeft property. The property must be set in the development environment.

4.4 PostScript printer driver changes

The Microsoft PostScript printer driver files, *PSCRIPT5.DLL*, *PS5UI.DLL*, and *pscript.ntf*, used for saving reports as PDF, are no longer distributed with InfoMaker due to licensing issues.

If you (and your users) have installed a PostScript printer, the PostScript driver files required to create PDF files are already installed, typically in *C:\WINDOWS\system32\spool\drivers\w32x86* on Windows XP or *C:\Windows\System32\DriverStore\FileRepository\ntprint.inf_XXXXXXXX\Amd64*, where *XXXXXXXX* is a system-specific identifier, on a 64-bit Vista system. You must use the version of these files that is appropriate to the system where the PDF file is created. Copy the files to the *Shared\PowerBuilder\drivers* directory.

If you have never installed a PostScript printer, you can use the Printers and Faxes option in the Windows control panel to install a generic PostScript printer. If the Microsoft *PSCRIPT5.DLL* has never been installed, you may be prompted to insert the Windows install CD.

4.5 Database connectivity changes

4.5.1 DataDirect ODBC drivers

InfoMaker 10.5.2 includes version 5.2 of the PB DataDirect ODBC drivers.

4.5.2 MDAC support

InfoMaker 10.5.2 has been tested with version 2.8 of the Microsoft Data Access Components (MDAC).

5. Known problems

5.1 Database connectivity issues

5.1.1 Window is a reserved word in SQL Anywhere

In SQL Anywhere®, 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 SQL Anywhere database option “SET OPTION NON_KEYWORDS = ‘WINDOW’”.
- Enclose the column name in quotation marks in SQL statements.

[CR 334166]

5.1.2 Pipeline execution with JDBC driver fails

Executing a pipeline with the destination Adaptive Server Enterprise 12.5 when using the JDBC driver fails with the database error 2762. [CR 338371]

5.1.3 Table updates not handled by OLE DB provider for Adaptive Server

The PB DataDirect OLE DB data provider for Adaptive Server Enterprise does not correctly handle table updates in the Database painter.

[CR 338363, CR 338366]

5.1.4 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]

5.1.5 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 a Microsoft SQL Server 2000 database using Alter Table in the Database painter, the column is moved to the end of the table and all its data is lost. To prevent this from occurring, InfoMaker 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]

5.1.6 PB DataDirect Oracle driver issues

If you create a table in the Database painter using the PB DataDirect Oracle driver and give it a name that has all lowercase characters, the table columns cannot be seen in the Layout view. They display correctly after you select Tables>Refresh. [CR 348038]

The PB DataDirect OLE DB data provider for Oracle does not correctly handle inserts, updates, and display for Simplified Chinese and Traditional Chinese data. [CR 338372]

5.1.7 Oracle stored procedures with output parameters

An Oracle stored procedure with output parameters produces an ORA-01036 error at runtime if you connect using ODBC, OLE DB, or JDBC. The stored procedure runs correctly using the Oracle native driver. [CR 343297]

5.1.8 OraOleDB faster than Oracle8ADOProvider

When you use an OLE DB connection to an Oracle9i database, the Table list or View list displays much more quickly in the Database painter if you use OraOleDB instead of the Oracle8ADOProvider. [CR 341835]

5.1.9 Connection issues with CnnPool

In the Database painter, attempting to connect to an Oracle9i or Oracle 10g database from an Oracle9i client fails after a connect and disconnect if the CnnPool database parameter is set to 'Yes'. This is because the Oracle9i client does not support connection pooling with a Unicode environment handle. [CR 355639]

5.1.10 RPC calls with non-Unicode Adaptive Server database

InfoMaker can access Unicode data in Unichar and Univarchar columns in Adaptive Server Enterprise databases that do not use a Unicode character set. You must set the UTF8 database parameter to 1 and configure the server to support both Adaptive Server direct conversions and Unicode conversions. To configure the server, the database administrator must run the following command:

```
sp_configure, "enable Unicode conversion", 1  
[CR 378850]
```

5.2 Report painter 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 report and the AutoSize. Height property is set to true for the header band and false for the detail band, the report 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 XSL-FOP save as PDF does not support graphic controls

Use the distill method to export the data in reports that contain graphic controls, such as ovals and rectangles, to PDF. The XSL-FOP method does not work correctly for graphic controls. [CR 303829]

5.2.3 AutoSize group header band distorted in print preview mode

The AutoSize group header band is formatted correctly in normal mode but it is distorted in print preview mode. The column headers at the bottom of the group header band are overlapped by the detail band. [CR 421766]

5.3 Vista issues

5.3.1 Saving as PDF on Vista fails

The correct versions of Microsoft PostScript printer driver files must be available in the *drivers* directory when a file is saved as PDF using the Distill method. For more information, see “PostScript printer driver changes” on page 5. [CR 445530]

5.3.2 Properties for drop-down calendar style

The Vista operating system does not support the following properties for the drop-down calendar EditMask style for a date column in a report: CalendarBackColor, CalendarTextColor, CalendarTitleBackColor, CalendarTitleTextColor, and CalendarTrailingTextColor. [CR 471379]

5.3.3 Rich Text Format not supported

The controls used to provide support for the Rich Text presentation style do not support the Vista operating system.

5.4 Other issues

5.4.1 Truncated string in saved EMF file

Sometimes a string in a text control in a report is longer than can be displayed in the control in the Design view in the Report painter. If this occurs, an EMF file saved in the painter or at runtime displays with the string truncated. [CR 342797]

6. Product compatibilities

6.1 SQL Anywhere

In version 10.0, Adaptive Server® Anywhere and SQL Anywhere Studio® have been renamed SQL Anywhere. The suite is now referred to as SQL Anywhere. The database server is referred to as SQL Anywhere server.

InfoMaker 10.5.2 has been tested with SQL Anywhere 10.0.1.

6.2 Ghostscript

The Save Rows As PDF feature in the Report and Form painters has been tested with AFPL Ghostscript version 8.53.

7. Third-party components and deployment

InfoMaker applications have some dependencies on third-party components that are installed with InfoMaker. You may redistribute some of these components with your application, but others must be obtained from the vendor.

For information about components that can be freely downloaded, see the free download terms document. A copy of this document is located on the Sybase Web site at http://www.sybase.com/softwarelicenses/third_party_legal.

7.1 Apache files

You may redistribute Apache files included with InfoMaker to your users. Any use or distribution of the Apache code included with InfoMaker 10.5.2 must comply with the terms of the Apache License which is located in the free download terms document for InfoMaker 10.5.2.

Version 0.20.4 of the Apache Formatting Objects Processor (FOP) is required if your application uses XSL-FO to save files as PDF. For more information about FOP, see the Apache FOP Web site at <http://xmlgraphics.apache.org/fop/>.

The Apache Xerces files *xerces-c_2_6.dll* and *xerces-depdom_2_6.dll* are required for XML support for reports. For more information about Xerces, see the Xerces C++ Parser Web site at <http://xml.apache.org/xerces-c/>.

7.2 Microsoft files

When you deploy the core InfoMaker runtime files, you must ensure that the *msvcr71.dll* and *msvc71.dll* Microsoft Visual C++ runtime libraries and the Microsoft .NET Active Template Library (ATL) module, *atl71.dll*, are present on the user's computer or server. The InfoMaker runtime files have a runtime dependency on these files and they are required for all applications and components that require the InfoMaker runtime. For more information about obtaining and using these files, see the Microsoft Web site at <http://www.microsoft.com>.

Microsoft.Ink, *Microsoft.Ink.dll*, and *Microsoft.Resources.dll* are required if your application uses InkEdit and InkPicture controls. These files are part of the Microsoft Windows XP Tablet PC Edition Software Development Kit 1.7, which is available on the Microsoft Web site at <http://www.microsoft.com/downloads/details.aspx?FamilyId=B46D4B83-A821-40BC-AA85-C9EE3D6E9699&displaylang=en>.

Microsoft has discovered some incompatibility issues between these DLLs and the .NET Framework 2.0. You can obtain an update to address these issues from Microsoft at <http://www.microsoft.com/downloads/details.aspx?familyid=84BBEFA4-7047-41DF-8583-E3BDBF9D805F&displaylang=en>.

7.3 Sun Microsystems files

The Java Runtime Environment (JRE) is required for JDBC connections and saving as PDF using XSL-FO. For a copy of third-party terms and conditions for the JRE, see the free download terms document. The JRE can be downloaded from the Sun Developer Network at <http://java.sun.com/javase/downloads/index.jsp>.

8. Documentation updates and clarifications

This section lists updates to documentation that are not included in the InfoMaker 10.5 collection on the Sybase Product Manuals Web site.

8.1 New RecheckRows database parameter

The RecheckRows database parameter is not described in the *Connection Reference*.

In Microsoft SQL server, if a table has an insert, update, or delete trigger, the number of affected rows returned to the SQLNRows property of the Transaction object after an INSERT, UPDATE, or DELETE command depends on the driver. With an ADO.NET driver, the value returned is the sum of the rows affected by the command itself and the trigger.

When you are connected to Microsoft SQL Server using ADO.NET or OLE DB, you can set the RecheckRows runtime database parameter to 1 to recheck how many rows of data were affected by the INSERT, UPDATE, or DELETE command itself and return that value in the SQLNRows property.

Setting RecheckRows to 1 before issuing an INSERT, UPDATE, or DELETE command causes a SELECT @@ROWCOUNT command to be executed. To improve performance, you should set it only when required, and reset it to the default value of 0 after use.

To set RecheckRows to 1, type the following in code:

```
SQLCA.DBParm="RecheckRows=1"
```

8.2 BindSPIInput database parameter applies to Oracle 10g

The O10 driver for Oracle 10g is not listed as supported in the description of the BindSPIInput database parameter in the *Connection Reference*. BindSPIInput applies to the O10 interface.

8.3 List of DataDirect ODBC files incorrect

The list of DataDirect ODBC database drivers and files in Chapter 22, “Deploying Your Application,” in the *User’s Guide* is incorrect. InfoMaker 10.5.2 uses DataDirect 5.2. drivers. The following table lists the required files for each supported interface. These files are installed in *Sybase\Shared\DataDirect52*.

Table 1: PB DataDirect ODBC files

Driver	Files required
All PB DataDirect OEM 5.20 drivers	<i>IVPB.LIC</i> <i>PBICU22.dll</i> <i>PBTRN22.dll</i>
PB DataDirect OEM 5.20 Btrieve	<i>PBBTR22.DLL</i> <i>PBBTR22R.DLL</i> <i>PBBTR22S.DLL</i>
PB DataDirect OEM 5.20 DB2 Wire Protocol	<i>PBDB222.DLL</i> <i>PBDB222R.DLL</i>
PB DataDirect OEM 5.20 dBASE	<i>PBDBF22.DLL</i> <i>PBDBF22R.DLL</i>
PB DataDirect OEM 5.20 Informix Wire Protocol	<i>PBIFCL22.DLL</i> <i>PBIFCL22R.DLL</i>
PB DataDirect OEM 5.20 Oracle Wire Protocol	<i>PBORA22.DLL</i> <i>PBORA22R.DLL</i>
PB DataDirect OEM 5.20 Paradox	<i>PBIDP22.DLL</i> <i>PBIDP22R.DLL</i> <i>PBIDP22S.DLL</i>

Driver	Files required
PB DataDirect OEM 5.20 SQL Server Wire Protocol	<i>PBMSSS22.DLL</i> <i>PBMSSS22R.DLL</i>
PB DataDirect OEM 5.20 Sybase Adaptive Server Enterprise Wire Protocol	<i>PBASE22.DLL</i> <i>PBASE22R.DLL</i>
PB DataDirect OEM 5.20 Text File	<i>PBTXT22.DLL</i> <i>PBTXT22R.DLL</i>
PB DataDirect OEM 5.20 XML	<i>PBXML22.DLL</i> <i>PBXML22R.DLL</i> <i>PBXML22S.DLL</i> <i>PBIADX09.DLL</i> <i>PBIADX09R.DLL</i> <i>PBXMLX09.DLL</i> <i>PBXMLX09R.DLL</i>

8.4 Microsoft update affects DataWindow Web ActiveX

If the Cumulative Security Update for Internet Explorer (912812) or a subsequent update is installed on the computer where the DataWindow Web Control for ActiveX (Web ActiveX) is running, a browser refresh does not refresh the control correctly. This update is described in Microsoft Security Bulletin MS06-013, published in April 2006.

To work around this issue, move the <OBJECT> tag from the main HTML file to a separate JavaScript file, as shown in this example:

```
// HTML file
<HTML>
<HEAD>
  <TITLE>test</TITLE>
</HEAD>
<BODY bgColor="white" PPARAMS="">
<P>Put your data here </P>
<P>&nbsp;</P>
<P>
  <div id="DivID">
    <script src="createElement.js"></script>
  </div>
</BODY>
</HTML>
```

The *createElement.js* JavaScript file contains the Object tag:

```
// createElement.js file
var d = document.getElementById("DivID");
```

```
d.innerHTML =
'<OBJECT id="OBJECT1" style="WIDTH: 627px; HEIGHT:
320px" codeBase="psdwc105.cab"
classid="CLSID:A5A51503-A5A5-1000-8000-080009AC61A9">'
+ '<PARAM NAME="_Version" VALUE="65536"></PARAM>'
+ '<PARAM NAME="_ExtentX" VALUE="16589"></PARAM>'
+ '<PARAM NAME="_ExtentY" VALUE="8467"></PARAM>'
+ '<PARAM NAME="_StockProps" VALUE="2"></PARAM>'
+ '<PARAM NAME="Caption" VALUE=""></PARAM>'
+ '<PARAM NAME="SourceFileName"
VALUE="test.psr"></PARAM>'
+ '<PARAM NAME="DataWindowObject"
VALUE="test.psr"></PARAM>'
+ '<PARAM NAME="LogId" VALUE=""></PARAM>'
+ '<PARAM NAME="LogPass" VALUE=""></PARAM>'
+ '<PARAM NAME="dbParm" VALUE=""></PARAM>'
+ '<PARAM NAME="SuppressEvents" VALUE="0"></PARAM>'
+ '<PARAM NAME="VScrollBar" VALUE="0"></PARAM>'
+ '<PARAM NAME="HScrollBar" VALUE="0"></PARAM>'
+ '<PARAM NAME="HSplitScroll" VALUE="0"></PARAM>'
+ '<PARAM NAME="LiveScroll" VALUE="0"></PARAM>'
+ '</OBJECT>';
```

9. Migration information

You can migrate an InfoMaker application from any version of InfoMaker directly to any later version. Before you migrate to a later version, read the following Technical Document to learn about changes in InfoMaker that might affect your application: Migrating PowerBuilder Applications at <http://www.sybase.com/detail?id=1032777>. Topics with IM in parentheses after their titles apply to InfoMaker.

9.1 OLE DB performance with Microsoft SQL Server

In InfoMaker 10.5.2, when you use the OLE DB database interface with a Microsoft SQL Server database and retrieve data into a report or use an embedded SQL cursor in a SELECT statement, server-side cursors are used to support multiple command execution. If this has a negative impact on performance, try increasing the size of the Block database parameter to 500 or more, or adding the following line to the [Microsoft SQL Server] section in the *PBODB105.ini* file to turn off server-side cursors:

```
ServerCursor = 'NO'
```

9.2 Icon changes in InfoMaker 10.5

In InfoMaker 10.5, many of the icons used in the PowerBuilder and InfoMaker user interfaces were changed. When you migrate an application to InfoMaker 10.5 or later, any stock icons used in the application are updated automatically. For users who prefer to use the existing icons, a zip file that contains 24 icon files and more than 500 bitmap files used in previous versions of the products is available on the CodeXchange Web site at <https://powerbuilder.codexchange.sybase.com/servlets/ProjectDocumentView?documentID=2392&showInfo=true>.

10. 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.

11. 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 InfoMaker 10.5 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 InfoMaker 10.5 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/>.

11.1 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.

11.2 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.

12. Accessibility features

This document is available in an HTML version that is specialized for accessibility. You can navigate the HTML with an adaptive technology such as a screen reader, or view it with a screen enlarger.

InfoMaker 10.5.2 HTML documentation has been tested for compliance with U.S. government Section 508 Accessibility requirements. Documents that comply with Section 508 generally also meet non-U.S. accessibility guidelines, such as the World Wide Web Consortium (W3C) guidelines for Web sites.

Note You might need to configure your accessibility tool for optimal use. Some screen readers pronounce text based on its case; for example, they pronounce ALL UPPERCASE TEXT as initials, and MixedCase Text as words. You might find it helpful to configure your tool to announce syntax conventions. Consult the documentation for your tool.

For information about how Sybase supports accessibility, see Sybase Accessibility at <http://www.sybase.com/accessibility>. The Sybase Accessibility site includes links to information on Section 508 and W3C standards.

