Release Bulletin for InfoMaker 2017 R3

InfoMaker® 2017 R3

FOR WINDOWS

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1 Release Bulletin

This release bulletin provides late-breaking information about Appeon InfoMaker® 2017 R3.

Appeon InfoMaker version 2017 R3 supports these operating systems (same as version 2017 R2 does):

- Windows 7 32- or 64-bit with SP1
- Windows 8.1 32- or 64-bit
- Windows 10 32- or 64-bit
- Windows Server 2008 32- or 64-bit with SP2 (supported for runtime)
- Windows Server 2012 R2 (supported for runtime)
- Windows Server 2016 (supported for runtime)

2 Known Issues

Learn about known issues and workarounds.

Note

If you have an Appeon® support contract, use the Appeon Support Website to search for knowledge-based articles and solved cases. Go to the Appeon Support Website at https://support.appeon.com, log in, and select Knowledge Base to start the search.

2.1 Known issues with license

Issue 1: (PB online license renewal) Although you have set the "remind me every N days" in the Reminder for Renewal window, if you have not renewed your subscription, the window will pop up every time you log in InfoMaker. Workaround: Disable the "Sign out on exit" option in Account Management so that you do not need to log in every time you start InfoMaker.

Issue 2: (PB offline license renewal) If you have renewed your offline license in 2017 or 2017 R2, and then if you renew your offline license again after InfoMaker 2017 R3 is installed, your offline license becomes expired when you log into InfoMaker next time. This is caused by an internal change to the offline license renewal file name. To resolve this issue, you activate and renew the offline license again in the InfoMaker IDE.

2.2 Known issues with opening objects

The object (such as Menu, User Object) opens slowly in the InfoMaker 2017 R3 IDE, especially for large complex applications.

Performing a full build of the application can greatly improve the opening speed of the object.

2.3 Known issues with InfoMaker runtime packager

InfoMaker runtime packager is not installed with InfoMaker. You can use the PowerBuilder runtime packager instead if you have PowerBuilder installed, or contact the Appeon Support Center to get the installation program of InfoMaker runtime packager.

3 Bug Fixes

The following bugs are fixed in InfoMaker 2017 R3.

- (BugZilla ID: 332) RichTextEdit control displays truncated text in Paragraph orientation drop-down in Bold font.
- (BugZilla ID: 807, 1322) InputFieldChangeData function failed to show the carriage return at the beginning of the string in the RichTextEdit control.
- (BugZilla ID: 834, 364, 629, 942) RichTextEdit control opens very slowly and the control does not paint correctly if the default printer is a remote desktop printer.
- (Internal Bug) On Windows 10, the column with the rich-text edit style will perform slowly (approximately 6 times slower than before), especially in the Grid or Tabular DataWindow.
- (Internal Bug) On Windows 7 or 10, in the RichText DataWindow, when the title bar is true and the title is empty, the screen will flash if you scroll the mouse to refresh the DataWindow.
- (Internal Bug) For PowerBuilder which is activated using an online license, if it is not connecting with the Appeon license server for over 5 days, the local license will be locked when PowerBuilder is launched next time without internet connection. After the local license is locked, if the same account is used to log in to PowerBuilder, the message "You are already logged in" appears.

4 Integrate with SAP InfoMaker 12.6 Bug Fixes

According to the announcement (view here), Appeon and SAP will offer different product lines of InfoMaker.

The Appeon's product line will integrate with the bugs fixed in the SAP's product line. In the case of the GA version of Appeon InfoMaker 2017 R3, the bug fixes in SAP InfoMaker 12.6 EBF 4220 have been integrated.

5 PowerServer (PB Edition) VS. Other PowerServer Editions

PowerServer (PB Edition) indicates the PowerServer provided in the PowerBuilder Universal Edition; its Developer license supports deploying Web and mobile apps to the .NET-based PowerServer back-ends. Other PowerServer editions indicate the PowerServer (Developer/ Workgroup/Enterprise Edition) which supports Web and mobile deployments on both the .NET and J2EE application servers. Notice the different components contained in these editions.

Table 5.1: Components contained in different editions

Component	PowerServer (PB Edition)			Other PowerServer Editions		
	Developer Edition	Standalone Production Edition	Clustered Production Edition	Developer Edition	Workgroup Edition	Enterprise Edition
PowerServer Web/ Mobile	Available	Available **(Mobile only)**	Available **(Mobile only)**	Available	Available	Available
PowerServer Web Component	Available	Available	Available	Available	Available	Available
PowerServer Help	Available	Available	Available	Available	Available	Available
PowerServer Toolkit	**PowerServer Toolkit** is only available in the PowerBuilder Universal Edition. It can deploy PowerBuilder apps as mobile apps or Web apps to 2017 R3, 2017 R2, 2017, and 2016 PowerServer (formerly called Appeon Server) based on the .NET or J2EE application servers.					

The PowerServer Web/Mobile server component from **PowerServer (PB Edition)** and the PowerServer Web/Mobile server component from other **Appeon PowerServer** Editions must be installed on different servers. If you install them on the same server, unpredictable issues may occur, and you should uninstall both, and then install them separately on different servers.

Also notice the different features supported in these editions.

Table 5.2: Features supported in different editions

Feature	PowerServer Toolkit	PowerServer (PB Edition)			Other PowerServer Editions		
	-	Developer Edition	Standalone Production Edition	Clustered Production Edition	Developer Edition	Workgroup Edition	Enterprise Edition
Mobile apps	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Web apps	Supported	Supported	**Not supported**	**Not supported**	Supported	Supported	Supported

Feature	PowerServer Toolkit	PowerServer (PB Edition)			Other PowerServer Editions		
	-	Developer Edition	Standalone Production Edition	Clustered Production Edition	Developer Edition	Workgroup Edition	Enterprise Edition
.NET application server	Supported	Supported	Supported	Supported	Supported	Supported	Supported
J2EE application server	Supported	**Not supported**	**Not supported**	**Not supported**	Supported	Supported	Supported
Clustering (failover)	Supported	**Not supported**	**Not supported**	Supported	**Not supported**	**Not supported**	Supported
Offline mobile capability	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Free or paid	Free	Free	Free	Paid	Paid	Paid	Paid
Licensing model	-	**Subscription**	**Subscription**	**Subscription**	**Perpetual**	**Perpetual**	**Perpetual**
Supported OS	Windows	Windows	Windows	Windows	Win/ Linux/ Unix	Win/ Linux/ Unix	Win/ Linux/ Unix
User sessions	-	5 (in total)	Unlimited	Unlimited	5	Variable	Variable

6 Product Compatibilities

InfoMaker has been tested for compatibility with a number of software products.

Table 6.1: Software Products Tested with InfoMaker

Software Type or Product	Compatibility Description
PowerBuilder	InfoMaker 2017 R3 has been tested with PowerBuilder 2017 R3.
SQL Anywhere	InfoMaker 2017 R3 has been tested with SQL Anywhere 12.0 thru 17.0.
Microsoft .NET Framework	The SaveAs Excel 12 functionality of InfoMaker 2017 R3 requires Microsoft .NET Framework 4.0 or later.
Oracle JDK	InfoMaker 2017 R3 is compatible with Oracle JDK 1.6.

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.

7.1 Apache Files

You may redistribute the Apache files that are included with InfoMaker to your users.

Any use or distribution of the Apache code included with InfoMaker 2017 R3 must comply with the terms of the Apache License, which is located in the free download terms document for InfoMaker.

Version 0.20.5 of the Apache Formatting Objects Processor (FOP) is required if your application uses XSL-FO to save files as PDF. See the Apache FOP Web site at https://xmlgraphics.apache.org/fop/.

The Apache Xerces files *xerces-c_2_8.dll* and *xerces-depdom_2_8.dll* are required for XML Web DataWindow support, XML support for DataWindows and DataStores, PBDOM, and SOAP clients for Web services. See the Xerces C++ Parser Web site at http://xerces.apache.org/xerces-c/.

7.2 Microsoft Files

Special Microsoft files are required on runtime computers for various InfoMaker features.

7.2.1 Visual C++ Runtime and the Active Template Library

When you deploy the core InfoMaker runtime files, make sure the *msvcr100.dll* and *msvcp100.dll* Microsoft Visual C++ runtime libraries and the Microsoft .NET Active Template Library (ATL) module *atl100.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. You can obtain these DLL files from the \Program Files\Appeon\Shared\PowerBuilder folder, or from DLL archive Web sites at http://dlldump.com or http://driverskit.com/. Make sure you obtain the same version (32-bit or 64-bit) of the these DLL files as the version (32-bit or 64-bit) of the PowerBuilder application executable.

7.2.2 Ink Picture Libraries

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 .NET Framework 3.5 and later, and are available at C:\Windows\winsxs and its sub-folders after .NET framework is installed.

7.2.3 DirectX Runtime

InfoMaker applications can use DirectX 3D rendering to display 3D graphs (Pie3D, Bar3D, Column3D, Line3D, and Area3D) with a more sophisticated look. You can use data item or series transparency with the DirectX graph styles to improve the presentation of data.

The DirectX 3D rendering depends on the DirectX runtime. The first time you select the Render3D check box on the General tab of the Properties view for a 3D graph, InfoMaker launches the DirectX installer. If you opt out of the installation, the Render3D property is ignored. End users of InfoMaker applications must also have the DirectX runtime installed on their computers to view the DirectX graph styles. You can download the DirectX runtime from the Microsoft Web site at http://www.microsoft.com/downloads/details.aspx?FamilyID=2da43d38-db71-4c1b-bc6a-9b6652cd92a3&DisplayLang=en.

For computers with older graphics drivers, you can check whether DirectX is supported by running *dxdiag.exe*. This file is typically installed in the Windows\System32 directory. The Display tab of the DirectX Diagnostic Tool that opens when you run *dxdiag.exe* indicates whether Direct3D is enabled.

7.3 Oracle files

The Java Runtime Environment (JRE) is required for EJB clients, 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 Oracle Technology Network at http://www.oracle.com/technetwork/java/javase/downloads/index.html.

7.4 List of Free Download Components (Including Open Source Components)

For the complete list of the free download components (including open-source components), view the Free Download Terms document on the Appeon Web site.

8 Migration Information

You can migrate an InfoMaker application from any version of InfoMaker directly to InfoMaker 2017 R3.

Before you migrate, read the "Migrating PowerBuilder Applications" technical document at https://www.appeon.com/support/documents/appeon_online_help/pb2017r2/migrating_pb_apps to learn about changes in InfoMaker that might affect your application. Topics with IM in parentheses after their titles apply to InfoMaker.

9 Obtaining Help and Additional Information

Use the Product Documentation site and online help to learn more about this product release.

- Product Documentation at https://www.appeon.com/developers/library/product-manuals-for-pb – PDF documentation that you can download. The Web site also has links to other resources, such as white papers, community forums, maintenance releases, and support content.
- Online Web help published at https://www.appeon.com/support/documents/appeon_online_help/appeon_online_help.htm.
- Compiled HTML help (.chm) packaged into the product.

To read or print PDF documents, you need Adobe Acrobat Reader, which is available as a free download from the Adobe Web site.

Note

A more recent release bulletin, with critical product or document information added after the product release, will be available from the online help Web site.

9.1 Technical Support

All customers are entitled to standard technical support for reproducible software defects. You can open a standard support ticket at the Appeon support site: https://www.appeon.com/standardsupport/ (login required).

If your organization has purchased a premium support contract for this product, then the designated authorized support contact(s) may seek assistance with your technical issue or question at the Appeon support site: https://support.appeon.com (login required).

10 Important Disclaimers on Legal Aspects

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Any software coding and/or code lines / strings ("Code") included in this documentation are only examples and are not intended to be used in a productive system environment. The Code is only intended to better explain and visualize the syntax and phrasing rules of certain coding. Appeon does not warrant the correctness and completeness of the Code given herein, and Appeon shall not be liable for errors or damages caused by the usage of the Code, unless damages were caused by Appeon intentionally or by Appeon's gross negligence.

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