



Installing Actuate BIRT Designer Professional

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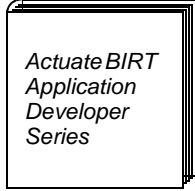
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About Actuate BIRT Designer Professional documentation



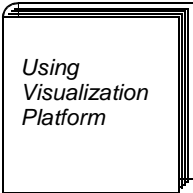

The online documentation includes the materials described in Table I-1. You can obtain HTML and PDF files from the Actuate web site. These documentation files are updated in response to customer requirements.

Table I-1 Product documentation

For information about this topic	See the following resource
Installing Actuate BIRT Designer Professional	 <p><i>Installing Actuate BIRT Designer Professional</i></p>
Designing a BIRT application, such as a report or dashboard Using interactive components such as gadgets and charts Scripting event handlers in a report design Using Actuate JavaScript API to customize access to reports and report components Deploying BIRT reports to Actuate BIRT iHub, configuring data source connections and fonts on iHub, using encryption	 <p><i>Actuate BIRT Application Developer Series</i></p>



(continues)

Table I-1 Product documentation (continued)

For information about this topic	See the following resource
<p>Creating data sources and data sets and binding data</p> <p>Accessing data in data objects, JDBC databases, NoSQL databases, flat files, XML files, web services, and Excel spreadsheets</p> <p>Creating data objects and accessing the data in a data object</p>	 <p><i>Provisioning Data</i></p>
<p>Accessing a BIRT information object and creating information object queries</p> <p>Creating and caching information objects</p> <p>Actuate SQL reference</p> <p>Configuring database types</p> <p>Mapping data types, functions, and operators</p>	 <p><i>Designing BIRT Information Objects</i></p>
<p>Viewing, navigating, and editing BIRT reports</p> <p>Formatting reports, organizing data, and hiding and filtering data in reports</p> <p>Modifying charts and cross tabs</p>	 <p><i>Using Visualization Platform</i></p>
<p>Actuate web services and SOAP messaging overview</p> <p>Actuate Information Delivery API operations and data types reference</p> <p>Using Actuate JavaScript API to customize access to reports and report components</p> <p>Reference for configuring BIRT Viewer and BIRT Viewer URIs</p> <p>Using Java Report Server Security Extension (RSSE) APIs</p> <p>Using logging, performance monitoring, and archiving features</p> <p>Customizing the Actuate software installation process</p>	 <p><i>Application Integrator Guide</i></p>
<p>Late-breaking information and documentation updates</p>	<p>Release notes and updated localization files posted on Actuate Support</p>

The printed documentation for Actuate BIRT Designer Professional includes the development and programming materials described in Table I-2.

Table I-2 Development and programming documentation

For information about this topic	See the following resource
Developing and customizing reports using BIRT Designer Professional Planning report designs, and laying out and formatting reports Accessing data, building charts, and preparing reports for international data Enhancing reports using interactivity, shared libraries, and localized text	 <p><i>BIRT: A Field Guide</i></p>
Installing and deploying BIRT Understanding BIRT architecture Building and deploying customized reports using scripting and BIRT APIs, integrating BIRT functionality into applications, and working with the BIRT extension framework	 <p><i>Integrating and Extending BIRT</i></p>

Obtaining documentation

Actuate provides technical documentation in PDF and HTML formats. You can download PDF or view HTML versions of the documentation from www.actuate.com/documentation.

Obtaining late-breaking information and documentation updates

The release notes contain late-breaking news about Actuate products and features. The release notes are available on the Actuate Support site at the following URL:

<http://support.actuate.com/documentation/releasenotes>

If you are a new user, you must first register on the site and log in to view the release notes. [actuate.com](http://www.actuate.com) also provides product update information.

Obtaining technical support

You can contact Customer Support by e-mail or telephone. For contact information, go to the following URL:

<http://www.actuate.com/services/support/contact-support.asp>

Supported and obsolete products

The Actuate Support Lifecycle Policy and Supported Products Matrix are available on the Actuate Support web site at the following URL:

<http://support.actuate.com/documentation/spm>

Installing Actuate BIRT Designer Professional

This chapter contains the following topics:

- About Actuate BIRT Designer Professional
- Installing Actuate BIRT Designer Professional
- About the BIRT Designer Professional eclipse directory
- Replacing the datasources.xml file in your BIRT Designer Professional installation

About Actuate BIRT Designer Professional

Actuate BIRT Designer Professional is a report designer for report developers who want to use the functionality provided by Actuate Corporation that enhances the Eclipse BIRT Report Designer. Actuate BIRT Designer Professional installs the full Eclipse workbench. This chapter describes how to install Actuate BIRT Designer Professional.

Installing Actuate BIRT Designer Professional

You install Actuate BIRT Designer Professional using the installation wizard. The installation wizard:

- Asks you to accept or decline the license agreement
- Prompts you to set the install location
- Installs the Eclipse workbench into `BDPro\ eclipse`
- Copies Actuate BIRT Designer Professional features into:
`BDPro\ eclipse\ features`
- Copies Actuate BIRT Designer Professional plug-ins and JAR files into:
`BDPro\ eclipse\ plugins`
- Creates an entry in the Start menu for BIRT Designer Professional.
The entry is BIRT Designer Professional and is under the BIRT iHub group.

Check with your computer administrator for the best location to install BIRT Designer Professional. Also, verify that you have a supported version of the JAVA SE Development Kit (JDK) 1.7. If not already installed on the computer, the JDK can be downloaded from the following location:

<http://www.oracle.com/technetwork/java/javase/downloads>

Actuate BIRT Designer Professional is available for 32-bit and 64-bit operating systems. The version of JDK must match the version of BIRT Designer Professional that you install. For example, if you install the 64-bit version of BIRT Designer Professional, you also must install the 64-bit version of the JDK.

The 32-bit version of the JDK is identified as the Windows x86 or the i586 version. The 64-bit version of the JDK is identified as the Windows x64 version.

How to test which version of the JDK is installed

Open a command prompt in Windows or a terminal console in Linux and MacOSX and run the following command:

```
java -version
```

- If the result includes the word 64-bit, use the 64-bit version of BIRT Designer Professional. For example, if your result is similar to the following text, use the 64-bit version of BIRT Designer Professional:

```
java version "1.7.0_25"
Java(TM) SE Runtime Environment (build 1.7.0_25-b17)
Java HotSpot(TM) 64-Bit Server VM (build 23.25-b01, mixed
mode)
```

- If the result does not include the word 64-bit, use the 32-bit version of BIRT Designer Professional. For example, if your result is similar to the following text, use the 32-bit version of BIRT Designer Professional:

```
java version "1.7.0_25"
Java(TM) SE Runtime Environment (build 1.7.0_25-b17)
Java HotSpot(TM) Client VM (build 23.25-b01, mixed mode,
sharing)
```

- If the result says that java is not a command, you need to install the JDK. For example, if your result is similar to the following text, you do not have the JDK correctly installed:

```
'java' is not recognized as an internal or external command,
operable program or batch file.
```

How to install on Microsoft Windows systems

You download BIRT Designer Professional from an Actuate electronic download site. To install BIRT Designer Professional, complete the following steps.

- 1 Download the version of BIRT Designer Professional that matches your operating system:
 - Download ActuateBIRTDesignerProfessional-ihub3.exe installation file if your computer uses a 32-bit version of Windows.
 - Download ActuateBIRTDesignerProfessional_x86_64-ihub3.exe installation file if your computer uses a 64-bit version of Windows.
- 2 Run the Actuate BIRT Designer Professional file. If you are asked to allow the program to make changes to your computer, choose yes.
- 3 In Installer Language, select the installation language for BIRT Designer Professional and choose OK, as shown in Figure 1-1.



Figure 1-1 Selecting the installation language

- 4 A welcome message appears, as shown in Figure 1-2. Choose Next.

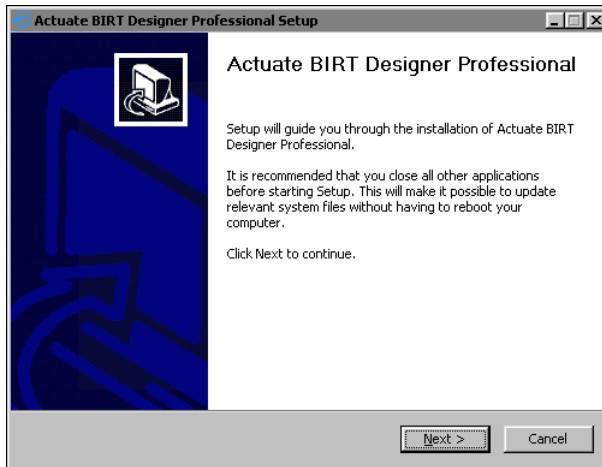


Figure 1-2 Welcome message

- 5 Read and accept the license agreement. Choose I Agree.
- 6 Accept the default destination folder or provide a different location. Then, choose Install, as shown in Figure 1-3.

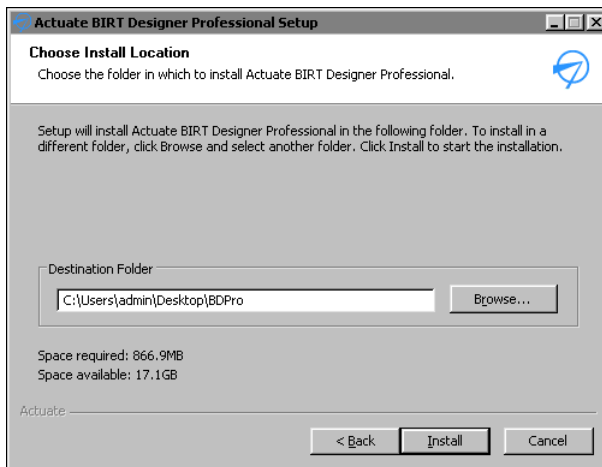


Figure 1-3 Choosing the destination folder in setup type

Setup status appears, providing you with information as the installation progresses. To stop the installation, choose Cancel.

- 7 When installation progress completes, a message that BIRT Designer Professional installed successfully appears, as shown in Figure 1-4. To exit the installation wizard, choose Finish.

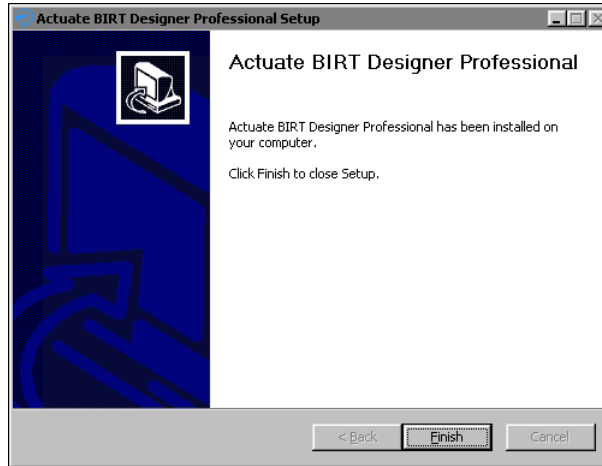


Figure 1-4 Exiting the installation wizard

The installation program installs the BIRT Designer Professional icon on the Start menu, as shown in Figure 1-5.

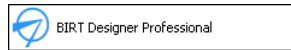


Figure 1-5 BIRT Designer Professional icon

The first time you run BIRT Designer Professional, you are asked to select a workspace folder to store your projects. You can create a new workspace or select an existing workspace. After selecting the workspace location, BIRT Designer Professional starts, as shown in Figure 1-6.

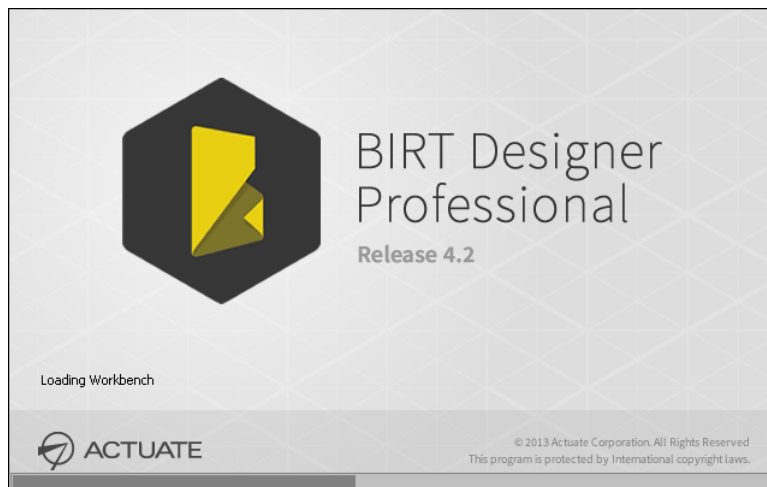


Figure 1-6 BIRT Designer Professional starting

If you receive an error similar to the following message, you have installed a version of BIRT Designer Professional that does not match the version of the JAVA SE Development Kit installed on your computer:

```
Failed to load the JNI shared library "c:\Program Files (x86)\
Java\jdk1.6.0_20\bin\..\jre\bin\client\jvm.dll".
```

How to set BIRT Designer Professional to run as an administrator on Windows 7

- 1 In Windows Explorer, navigate to the eclipse subdirectory of the BIRT Designer Professional installation directory. The location of this directory is:
`\BDPro\eclipse`
- 2 Right-click `eclipse.exe` and choose Properties.
- 3 On Properties, choose Compatibility.
- 4 On Compatibility, select Run this program as an administrator. Choose OK.

How to install BIRT Designer Professional on MacOSX systems

You download BIRT Designer Professional from an Actuate electronic download site. To install BIRT Designer Professional, complete the following steps.

- 1 Download `ActuateBIRTDesignerProfessional-macosx-cocoa-ihub3.tar.gz`.
- 2 Select a location on your computer to store BIRT Designer Professional and uncompress the file you downloaded to this location. This creates the directory named `BRDPro` with an `eclipse` subdirectory.
- 3 In the `eclipse` subdirectory of `BRDPro`, run Eclipse, as shown in Figure 1-7.

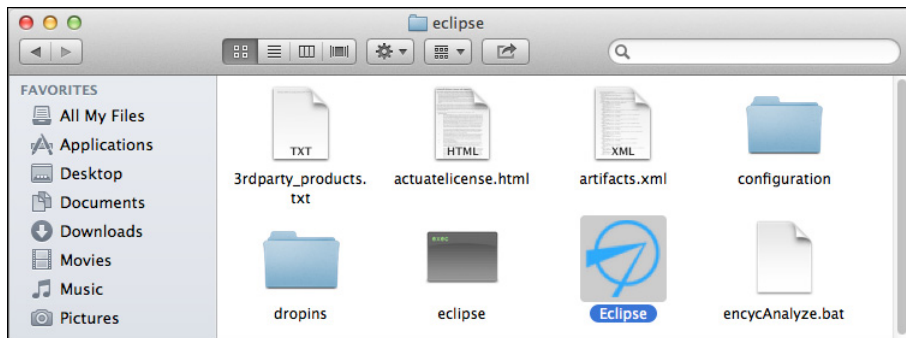


Figure 1-7 BIRT Designer Professional starting in MacOSX

- If your Finder preferences enable the option to show all file-name extensions, run the file named `Eclipse.app`.
- If asked to install a Java SE6 runtime, choose Install to start the Java runtime installation process. This request looks similar to Figure 1-8.



Figure 1-8 Request to install Apple Java 6

- If you receive the message that it cannot open because it was downloaded from the internet or because it is from an unidentified developer, press Ctrl and select Eclipse.app, and then choose Open, as shown in Figure 1-9.



Figure 1-9 Opening BIRT Designer Professional while pressing Ctrl

The first time you run BIRT Designer Professional, you are asked to select a workspace folder to store your projects. You can create a new workspace or select an existing workspace.

How to uninstall BIRT Designer Professional

To uninstall BIRT Designer Professional, on Windows, run the uninstaller from Control Panel→Programs and Features. On MacOSX, remove the BRDPro directory. If your workspace is in a different location, you can optionally remove this directory to remove the files you created using BIRT Designer Professional.

About the BIRT Designer Professional eclipse directory

On completion of the install process, the eclipse subdirectory contains a fully functional version of BIRT that requires no further Eclipse downloads or installs. This eclipse subdirectory contains the full Eclipse workbench. The subdirectories of the eclipse directory include the following additional Actuate components to provide more functionality:

- Language properties files for standard templates
- A themes library
- ODA JDBC drivers

- Localized JAR files for various user interface components
- Eclipse features and JAR files that offer additional functionality, including:
 - The ability to publish a report to Actuate BIRT iHub, cloud server, or Actuate Marketplace
 - Actuate information object and Actuate data object data sources
 - HTML 5 charts and maps
 - BIRT dashboard designer
 - The ability to build BIRT application containers

Replacing the `datasources.xml` file in your BIRT Designer Professional installation

The IO Design perspective in 32-bit BIRT Designer Professional provides several preconfigured database types to support creating information objects including DB2, Oracle, and SQL Server. If you want to configure your own database types, for example Teradata, you must modify the file `datasources.xml`. In BIRT iHub `datasources.xml` installs with both BIRT iHub and BIRT Designer Professional. The `datasources.xml` file on the desktop must be the same as the `datasources.xml` file on iHub. If you have modified the `datasources.xml` file you are using with iHub, after installing BIRT Designer Professional, you must replace the BIRT Designer Professional `datasources.xml` file with the iHub `datasources.xml` file. The iHub `datasources.xml` file resides in:

```
$AC_SERVER_HOME/etc/data_integration
```

The BIRT Designer Professional `datasources.xml` file resides in:

```
<Actuate_HOME>\BDPro\eclipse\plugins  
  \com.actuate.ais.embeddable_<version>\Config\aisconfigfiles  
  \etc\data_integration
```


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