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BIRT iHub

## Installing BIRT iHub on Windows

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Document No. 131215-2-430342 May 23, 2014

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## About *Installing BIRT iHub on Windows*

*Installing BIRT iHub on Windows* includes the following chapters:




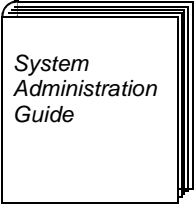

- *Introduction*. Provides an overview of this guide and Actuate BIRT iHub documentation.
- *Chapter 1. Installing BIRT iHub overview*. Describes the BIRT iHub modules and environment.
- *Chapter 2. Installing BIRT iHub*. Describes how to install BIRT iHub in a Windows environment.
- *Chapter 3. Setting up BIRT iHub*. Describes how to access System Console and Visualization Platform.

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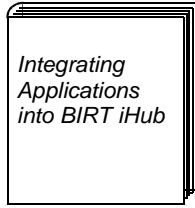
## Accessing Actuate BIRT iHub information

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

**Table 1-1** BIRT iHub documentation

<b>For information about this topic</b>	<b>See the following resource</b>
Installing BIRT iHub modules on Linux	
Installing BIRT iHub modules on Windows	
Installing BIRT Analytics on Linux and Windows	
Architecture overview Using the default PostgreSQL RDBMS Using an alternative RDBMS Setting up a cluster Backing up the metadata RDBMS	
Managing volume-level operations Setting up users and groups Advanced job schedules Using HTTPS to access Visualization Platform	

**Table 1-1** BIRT iHub documentation

For information about this topic	See the following resource
Installing a stand-alone Visualization Platform Configuring Visualization Platform Configuring BIRT Viewers and Report Studio	 <p><i>Installing Visualization Platform</i></p>
Actuate web services and SOAP messaging overview Actuate Information Delivery API operations and data types reference Using Actuate JavaScript API to customize access to reports and report components Reference for configuring BIRT Viewer and Report Studio Reference for BIRT Viewer and Report Studio URIs Using Java Report Server Security Extension (RSSE) APIs Using logging, performance monitoring, and archiving features Customizing the Actuate software installation process	 <p><i>Integrating Applications into BIRT iHub</i></p>
Late-breaking information and documentation updates	Release notes and updated localization files posted on Actuate <a href="#">Support</a>

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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](http://www.actuate.com/documentation).

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# 1

## Installing BIRT iHub overview

This chapter contains the following topics:

- Understanding BIRT iHub installation
- Understanding the BIRT iHub installation environment

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## Understanding BIRT iHub installation

This chapter describes the modules and components of BIRT iHub Release 3 and Release 3 Fix 1. The system administrator uses the BIRT iHub installation packages to install the Actuate modules described in Table 1-1.

**Table 1-1** Actuate BIRT iHub modules

Module	Platform	Description
System Console	Windows and Linux	A web-based tool for configuring, licensing, managing, and monitoring one or more BIRT iHub Systems.
BIRT iHub Visualization Platform	Windows and Linux	A web application, server, and metadata database that provide access to dashboards, files, folders, and jobs in a volume. Supports viewing BIRT reports and using Report Studio.
BIRT Analytics	Windows and only core module on Linux	An application, including a data repository, data loader, and web service, that supports big data analysis.
Content Services	Windows and Linux	Content management tools enabling users to create, modify, store, test, and deliver intelligent customer communications across multiple channels.
Metrics Management	Windows	A service and database engine for analyzing performance metrics. Requires BIRT iHub Visualization Platform.

Actuate provides two types of BIRT iHub installation packages, installers that include a single module and command-line installers. The single-module installers typically include BIRT iHub and a specified module. For Microsoft Windows platforms, the single-module installers provide an interactive, graphical interface. For Linux systems, the single-module installers provide a shell script that uses values in a properties file. The command-line installers install one or more modules without user interaction.

To set up a system using a single module and System Console, and using default configuration settings, use the single-module installers. To set up a system using multiple modules or using customized configuration settings, to install multiple modules at one time, or to support future installation of additional modules on the same system, use the command-line installers.

To reduce network traffic, install BIRT iHub on the same host machine as the BIRT iHub system database. Alternatively, install BIRT iHub and the metadata database on different machines to distribute processing across multiple machines.

The installation procedures install BIRT iHub using an evaluation license. After installation, the administrator specifies a purchased product license using System Console. For a complete understanding of configuring BIRT iHub licenses, including binding the BIRT iHub processes to particular processors in a multi-core machine, see *BIRT iHub System Administration Guide*.

## Overview of installation operations

When installing BIRT iHub on Windows, be sure to run the same versions of all products.

To install BIRT iHub, the system administrator performs one of the following operations:

- Installs on Windows using the installation program
  - Downloads the installation programs for System Console and a single BIRT iHub module from the download site
  - Runs the installation programs
- Installs on Windows using the BIRT iHub command-line installer
  - Downloads the BIRT iHub command-line installation package and installation modules from the download site
  - Extracts the contents of the installation package into a directory, such as `\Actuate\iHub3`
  - Modifies the installation properties file to specify which products to install and the location of the installation modules
  - Runs the installation script

After performing the installation, the system administrator loads a license for purchased options.

## About installation components

Each BIRT iHub module includes one or more components. All single-module installation programs except System Console install the BIRT iHub component and one or more other components. The following section lists and describes these components.

BIRT iHub provides the common services used by all modules such as user management, activity logging, and the PostgreSQL RDBMS containing system metadata.

The System Console module includes one component, System Console, which is the graphical user interface (GUI) for administering the BIRT iHub System.

The BIRT iHub Visualization Platform module includes the following components:

- BIRT iHub System with a PostgreSQL relational database management system (RDBMS), including a default volume with sample BIRT designs and other documents
- BIRT iHub Visualization Platform, which provides an integrated user interface for viewing and editing BIRT dashboards and reports, and iHub Administration

The BIRT Analytics module includes the following components:

- BIRT iHub System
- BIRT Analytics Core, installable on both Linux and Windows, which includes the analytics repository, data loader, and the web service that communicates between the repository and the BIRT Analytics front end.
- BIRT Analytics Application, installable on Windows only, which includes the BIRT Analytics administrator and user tools.
- A separate component, installable on Windows only, which includes BIRT Analytics tools for licensing and data migration.

The BIRT Content Services module includes the following components:

- BIRT iHub System
- BIRT Content Services, which provide organizations with the power to develop, implement, and control customer communications management solutions

The Metrics Management module is available only on Windows and includes the following components:

- BIRT iHub System
- Metrics Management SQL Server RDBMS, which is the database engine
- Metrics Management Classic Web Client, which is a browser-based client for accessing briefing books
- Metrics Management Web, which is the web tier component and installs in a browser
- Metrics Management Server, which is a service that provides the audit services, calculation engine, and security

## Storing cluster and volume metadata

BIRT iHub stores metadata containing system, cluster, and volume configuration information in a database. In the default installation, BIRT iHub uses the open-source, PostgreSQL RDBMS. iHub also supports using other RDBMS, such as Oracle or a pre-existing PostgreSQL instance.

After installation of the default system, the system administrator uses System Console to switch to an alternative RDBMS. The database administrator must pre-configure the database by running SQL Data Definition Language (DDL) to install the iHub database and the cluster and volume schemas.

The database that contains BIRT iHub system, cluster, and volume metadata is a critical component of BIRT iHub System. To guard against data loss, the database administrator must back up the schema using the tools and resources of the third-party RDBMS.

For information about the recommended procedures to back up BIRT iHub cluster and volume schemas, refer to *BIRT iHub System Administration Guide*.

## Support for the metadata database

If you encounter a problem with the operation of the metadata database, Actuate will work with you to resolve it. For example, Actuate may take any or all of the following actions:

- Propose a change in your environment that avoids the problem.
- Make a change in Actuate's code to work around the problem.
- In the case of PostgreSQL, engage with the development community to obtain a patch.
- In the case of Oracle, help you to isolate the problem and report it to the vendor.

## Downloading the installation packages

Download BIRT iHub from an Actuate download site using the URLs provided by e-mail.

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## Understanding the BIRT iHub installation environment

The following sections provide supplementary information about the BIRT iHub installation environment.

## Running different releases on the same machine

A BIRT iHub 3 installation cannot coexist on the same machine with an earlier release of BIRT iHub or iServer.

## Understanding the Java Software Development Kit

BIRT iHub requires a 64-bit version of the JAVA SE Development Kit (JDK) 1.6 or higher. The BIRT iHub installation process installs a Java Software Development Kit (JDK) if it does not detect one already installed in the environment. The iHub installation routine installs the JDK files in:

```
\Actuate\iHub3\modules\JDK64
```

To use a different JDK with iHub, change the files in the installation directory or change the values of the following environment variables:

- AC\_JAVA\_HOME
- AC\_JVM\_HOME
- AC\_JRE\_HOME
- AC\_JRE64\_HOME

Using an earlier JDK release can cause some BIRT iHub features to fail or to work incorrectly. For example, using an earlier release of JDK can cause Actuate products to display charts incorrectly.

The following types of Actuate executable files use AC\_JRE\_HOME and AC\_JVM\_HOME:

- Files containing charts use AC\_JVM\_HOME to locate the java.exe to generate the chart.
- Files using the Actuate Java Object Interface use AC\_JVM\_HOME to locate the JVM DLL or library.

## Accessing JAR files for document generation

To generate some documents, iHub requires access to jar files in the Jar directory of the iHub installation files. In Windows, include the location of the jar file in the CLASSPATH.

## Gathering LDAP information

An optional Open Security application ships with Actuate iHub Integration Technology. This application uses a Lightweight Directory Access Protocol (LDAP) security database to control access to the volume. To use the Open

Security application, you need to perform a custom installation, which requires the following additional information:

- Name of the LDAP server and the port on which the LDAP server listens
- LDAP account and password used to query the LDAP server
- LDAP server organization that contains the BIRT iHub users and user groups
- LDAP base domain names and object classes that contain iHub users and user groups information

Actuate Open Security uses an LDAP configuration file to map BIRT iHub system information to LDAP object attributes. For more information about Actuate Open Security, see the System Console documentation in *System Administration Guide* and reference implementations available in BIRT iHub Integration Technology.

## Following best practices

Before deploying BIRT iHub in a production environment, Actuate recommends testing the installation in a separate staging area before deploying to the production system. The following sections provide some guidelines for setting up a test environment and production staging area.

### Using a test environment

Set up a test environment and then move to iHub on the production system when the testing is complete. You cannot mix Actuate products from different release levels. For example, you cannot use BIRT iServer Release 11 design tools with BIRT iHub Release 3.

Complete the following general tasks in this order to determine how to upgrade your site to BIRT iHub:

- Create a test environment for BIRT iHub. The test environment cannot be on the same machine that hosts an earlier Actuate installation.
- Install the software in the test environment. Create any applications you need using the BIRT iHub Integration Technology test environment.
- Ask application developers and a few users to perform some typical tasks in the test environment.
- Create a production staging area.
- Install the remaining BIRT iHub desktop products, if required, in production environments on the user workstations. Verify that the desktop products function properly.
- Schedule a low-impact time to switch to the production system.

## Setting up a production staging area

A production staging area is one that you can use for testing and also configure as the live production system. The production staging area can be a separate configuration on the live production machine or a separate machine. You can install all BIRT iHub products or the BIRT iHub server products and a subset of the desktop products.

If you plan to test BIRT iHub desktop products, identify which users to include in the final testing. Developers and users can then confirm that applications perform as expected in the BIRT iHub production staging environment.

Complete the following general tasks to test BIRT iHub:

- Install BIRT iHub software in a production staging area.
- Install BIRT iHub desktop software on the test user machines.
- Verify that the BIRT iHub production staging environment works correctly.
- Install the remaining BIRT iHub desktop products, if you installed a subset earlier.
- Verify that all the BIRT iHub desktop products work correctly.
- Begin setting up a production environment as described in the following section.

## Setting up a production environment

When testing is complete, confirm that your applications work as expected in the BIRT iHub environment. Set up the production environment and schedule a date and time to activate BIRT iHub.

When you switch to BIRT iHub, use the following procedure list as a general guideline:

- Install design and document files.
- Start BIRT iHub.
- Inform users that they can start using BIRT iHub design tool products.



# Installing BIRT iHub

This chapter contains the following topics:

- Prerequisites for installing BIRT iHub on Windows
- Installing BIRT iHub modules on Windows
- Using the command-line installation package on Windows
- Reviewing the BIRT iHub installation on Windows
- Starting and stopping BIRT iHub on Windows
- Uninstalling BIRT iHub from Windows

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## Prerequisites for installing BIRT iHub on Windows

For optimum performance, use a system that has a minimum of 8GB RAM.

### About the supported Java SE Development Kit (JDK)

BIRT iHub requires a 64-bit version of the JAVA SE Development Kit (JDK) version 1.6 or higher. The BIRT iHub installation process installs the 64-bit JDK version 1.7 if it does not detect a suitable JDK already installed in the environment. The installer checks for a Java installation using the JAVA\_HOME environment variable and the registry. If both Java 1.7 and Java 1.6 are available, BIRT iHub uses Java 1.7.

### Checking for ports used by BIRT iHub

BIRT iHub processes use network ports to communicate. Before installation, ensure that the ports used by BIRT iHub are available on the system. The ports used by BIRT iHub modules are listed in Table 2-1.

**Table 2-1** BIRT iHub ports

BIRT iHub module	Ports used
All	Required during and after installation: 8000, 8100, 8432, 8500, 8700, 9432 Required after installation: 8010, 8011, 11100, 11101, 12100, 13500, 14000, 14100, 14200, 15200, 18500, 21000, 21500
BIRT Analytics	For http communication: 80, 8105, 8110, 8114 For https communication: 443, 8106, 8109, 8113
Content Services	No additional ports
Metrics Management	80, 443, 13000, 17326

### Requirements to install and run BIRT iHub on Windows

Actuate recommends creating a dedicated user account at the operating system level for installing and running BIRT iHub. Having a dedicated user account isolates iHub-specific issues and events on a machine, making it easier to administer the environment. For optimum appearance of BIRT iHub pages, ensure that ClearType is set on the Windows system used to access BIRT iHub.

## Configuring a Windows user account for BIRT iHub

In the Windows environment, the user account must meet the following requirements:

- Be a member of the Windows Administrators group or, depending on more rigorous security requirements, at a minimum, have all data and network permissions required to run BIRT iHub applications  
The account must have privileges to access the required software and hardware, such as database servers, printers, and BIRT iHub files and folders.
- To run the BIRT iHub processes as services, have log on as a service privilege  
If the account does not meet this requirement, the BIRT iHub installation program prompts you to configure the privilege to run the Windows Actuate BIRT iHub service.

If you plan to install BIRT iHub on a machine controlled by a domain server, install BIRT iHub while logged in to a user account controlled by the local machine, not by the domain server. When you create a BIRT iHub cluster, all BIRT iHub nodes in the cluster must be installed and the processes run under the same user account.

### How to configure a Windows user account with administrator privileges

To configure a user account with administrator privileges for installing and running iHub, perform the following steps.

- 1 In Windows, open the Command Prompt and type:  
`lusrmgr.msc`
- 2 In Local Users and Groups, choose Users to display the list of users.
- 3 Double-click the user to display the properties.
- 4 In Properties—General, deselect Account is disabled, if necessary.
- 5 In Properties—Member Of, choose Add and perform the following tasks:
  - 1 In Select Groups, in Enter the object names, type:  
`Administrators`
  - 2 Choose Check Names then choose OK.
- 6 Exit Local Users and Groups.

### How to configure the log on as a service privilege

To configure the log on as a service privilege manually, perform the following steps.

- 1 In Windows Control Panel→System and Security, open Administrative Tools→Local Security Policy.

- 2 In Local Security Settings, navigate to Security Settings→Local Policies →User Rights Assignments.
- 3 In User Rights Assignments, perform the following tasks:
  - 1 Open Log on as a service Properties. Choose Add User or Group.
  - 2 In Select Users or Groups, add the user name. Choose Check Names then choose OK.
- 4 Exit Local Security Settings.

## Setting ClearType text properties

Using ClearType text on a Windows system provides the optimal appearance for BIRT iHub pages. All BIRT iHub users require this configuration setting.

### How to configure ClearType text

To configure ClearType text, perform the following steps.

- 1 In Windows Control Panel→Appearance and Personalization, choose Adjust ClearType text. ClearType Text Tuner appears.
- 2 Select Turn on ClearType. Choose Next.
- 3 For each of the pages in ClearType Text Tuner, select the sample that looks best to you and then choose Next.
- 4 In You have finished tuning the text on your monitor, choose Finish.

## Running BIRT iHub as a service or from a batch file

The BIRT iHub installation tools support running BIRT iHub processes as Windows services. If you choose this option, the services start whenever the system starts. If you choose not to run the BIRT iHub processes as Windows services, you must run batch files to start the processes.

## Prerequisites for Metrics Management installation

Metrics Management requires both 32-bit and 64-bit Java 1.6 or higher, which must be installed on the system before starting the Metrics Management installation.

Additional requirements are the complete Microsoft .NET 4.0 Framework and Internet Information Services (IIS) including IIS Management Console, all components of IIS 6 Management Compatibility, and Application Development Features. Use the Programs and Features tool in Windows Control Panel to check whether the system has these features installed. If necessary, download these features from the Microsoft Windows download site and then install the downloaded software.

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## Installing BIRT iHub modules on Windows

The following sections describe how to use the installers to install individual BIRT iHub modules on Windows. To use the command-line installer, see “Using the command-line installation package on Windows,” later in this chapter.

When installing using the BIRT iHub installation programs, the administrator performs the following tasks:

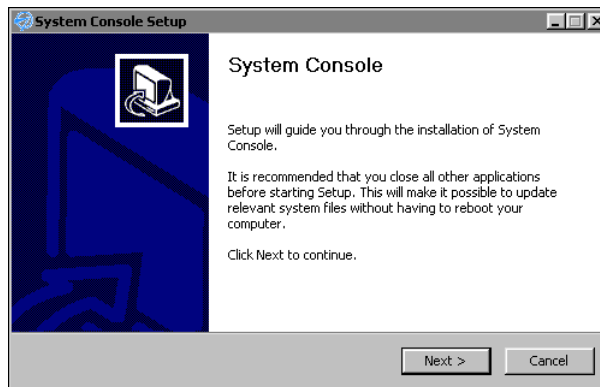
- Downloads the executable installation programs, SystemConsole-ihub3.exe and the installation program for another iHub module, such as BIRTiHubVisualization-ihub3.exe, from the software distribution site
- Runs the System Console installation program, installing System Console into a directory such as C:\Actuate\iHub3, using the embedded evaluation license
- Runs the installation program for another module, such as the BIRT iHub Visualization Platform installation program, installing the module into a directory such as C:\Actuate\iHub3, using the embedded evaluation license

### Installing the System Console module on Windows

For information about accessing System Console after installation, see Chapter 3, “Setting up BIRT iHub.”

#### How to run the System Console installation

- 1 Download the self-extracting executable file, SystemConsole-ihub3.exe, from the software distribution site.
- 2 Run SystemConsole-ihub3.exe. The Installer Language message appears. Select a language or accept the default language, English. Then, choose OK.
- 3 System Console Setup appears, as shown in Figure 2-1. Choose Next.



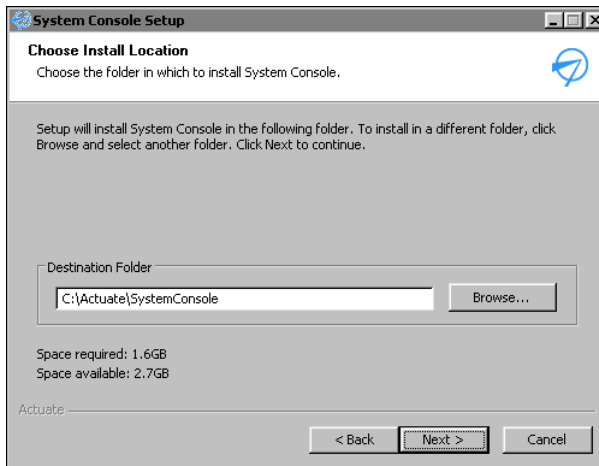
**Figure 2-1** Viewing System Console Setup

- 4 In License Agreement, choose I Agree, as shown in Figure 2-2. Choose Next.



**Figure 2-2** Agreeing to System Console license terms

- 5 In Choose Install Location, in Destination Folder, accept the default path or choose Browse to specify a new destination folder in which to install System Console, as shown in Figure 2-3. Choose Next.



**Figure 2-3** Choosing the System Console installation folder

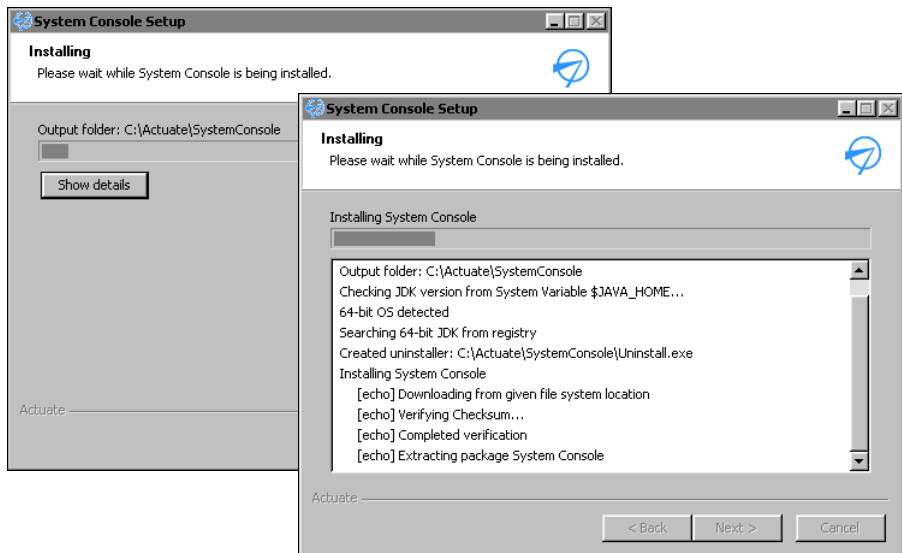
- 6 In Specify Profile, specify the Windows account information, including user name and password, and select whether to install System Console as a Windows service, as shown in Figure 2-4. Choose Next.



**Figure 2-4** Specifying Windows account information for System Console

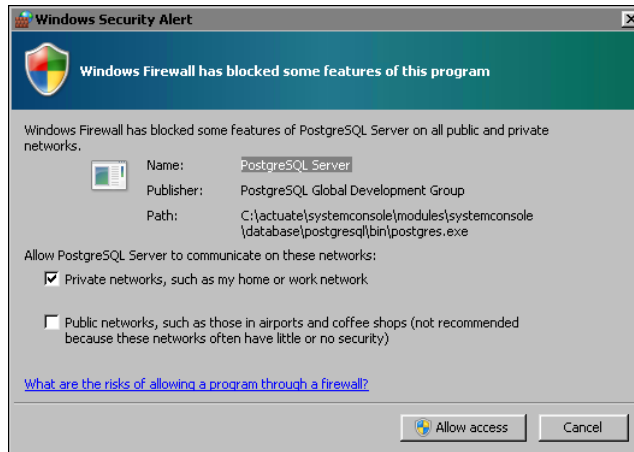
If you select installation as a Windows service, the installer checks whether the account specified has the Log on as a Service privilege. If the account does not have the privilege, a message appears. Choose OK. Perform the steps described in “How to configure the log on as a service privilege,” earlier in this section. Then, choose Install.

Installing appears, showing the status of the System Console installation process, as shown in Figure 2-5. Choose Show Details to see more information about the System Console installation operations.



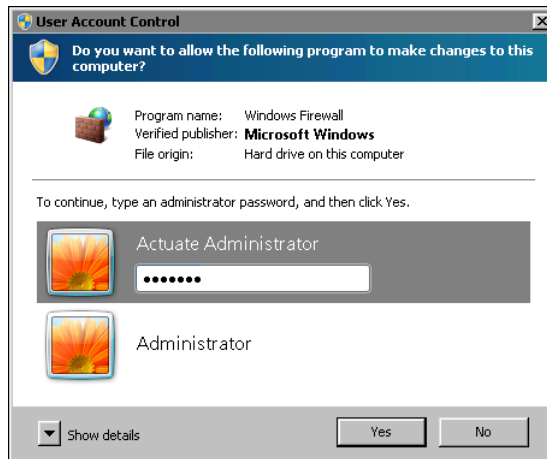
**Figure 2-5** Viewing the System Console installation process

- 7 If a Windows Security Alert appears indicating that the firewall is blocking access to System Console or one of its related programs, perform the following tasks:
  - 1 In Allow PostgreSQL Server to communicate on these networks, for example, select Private networks, such as my home or work network. Then, choose Allow access, as shown in Figure 2-6.



**Figure 2-6** Allowing firewall access to PostgreSQL Server

- 2 In User Account Control, type an Administrator account password, as shown in Figure 2-7.

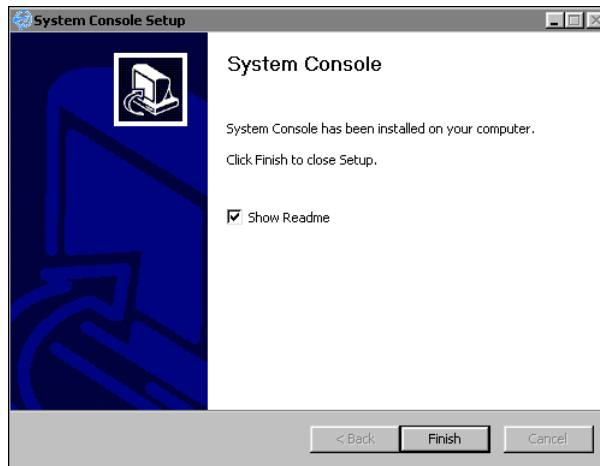


**Figure 2-7** Entering an administrator account password

- 3 Repeat this step for other Windows Security Alerts, such as Java Platform SE binary, if prompted to do so.



- 8 With Show Readme selected, choose Finish to close System Console Setup, as shown in Figure 2-8. Alternatively, deselect Show Readme to not open the readme.txt file.



**Figure 2-8** Choosing Finish to close System Console Setup

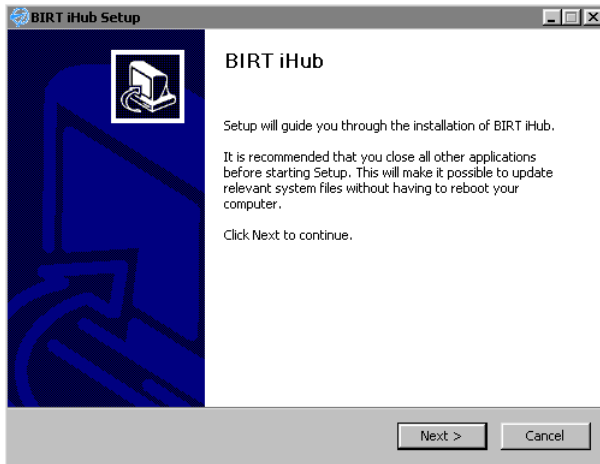
With Show Readme selected, the readme.txt file opens in Notepad. This file states that BIRT iHub installed successfully and a shortcut to the product is on the Desktop and in Windows Start menu. A shortcut to System Console appears on the desktop.

## Installing the Visualization Platform module on Windows

For information about accessing Visualization Platform after installation, see Chapter 3, “Setting up BIRT iHub.” To install multiple BIRT iHub modules on the same system, see “Using the command-line installation package on Windows,” later in this chapter. To install the Metrics Management module on the same system as Visualization Platform, see “Installing the Metrics Management module on Windows.”.

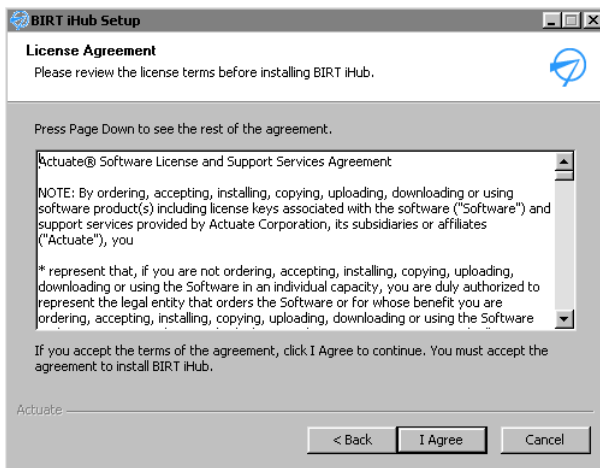
### How to run the Visualization Platform installation program

- 1 Download the self-extracting executable file, BIRTiHubVisualization-ihub3.exe, from the software distribution site.
- 2 Run BIRTiHubVisualization-ihub3.exe. The Installer Language message appears. Select a language or accept the default language, English. Then, choose OK.
- 3 BIRT iHub Setup appears, as shown in Figure 2-9. Choose Next.



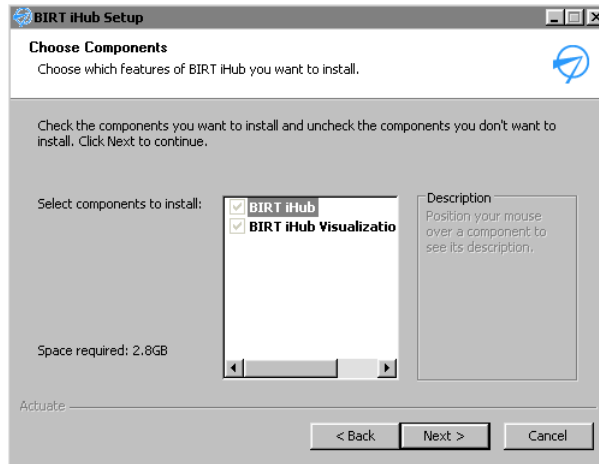
**Figure 2-9** Viewing BIRT iHub Setup

- 4 In License Agreement, choose I Agree, as shown in Figure 2-10. Choose Next.



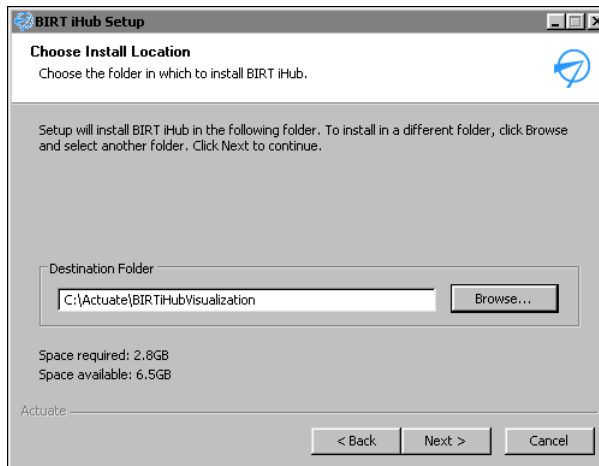
**Figure 2-10** Agreeing to license terms for BIRT iHub

- 5 In Choose Components, accept the default set of BIRT iHub components to install, as shown in Figure 2-11. Then, choose Next.



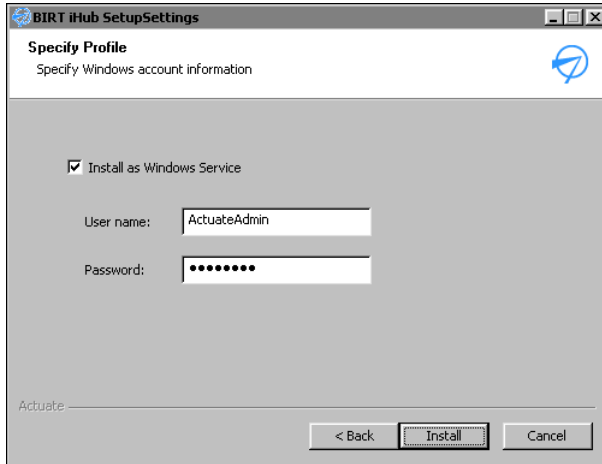
**Figure 2-11** Choosing BIRT iHub installation components

- 6 In Choose Install Location, in Destination Folder, accept the default path or choose Browse to specify a new destination folder in which to install BIRT iHub, such as C:\Actuate\BIRTiHubVisualization, as shown in Figure 2-12. Choose Next.



**Figure 2-12** Choosing the BIRT iHub installation folder

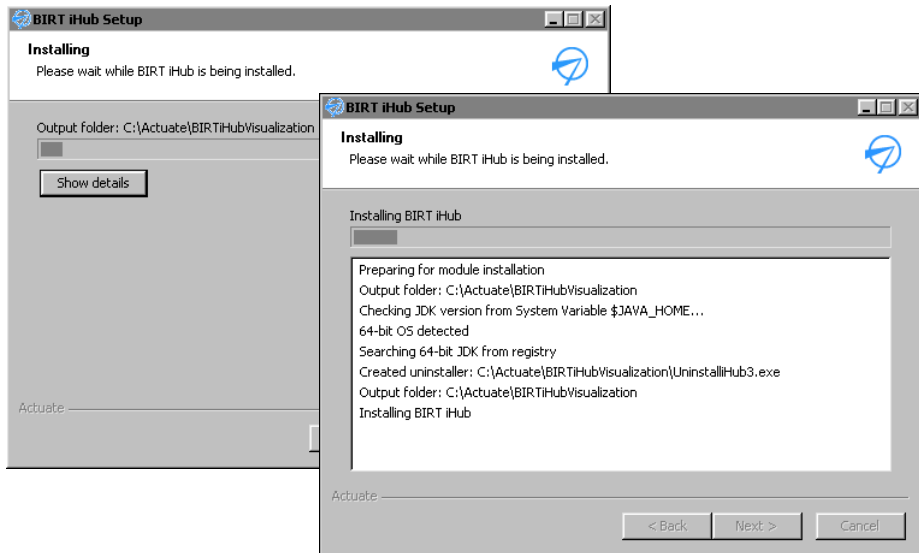
- 7 In Specify Profile, specify the Windows account information, including User name and password, and select whether to install BIRT iHub as a Windows service, as shown in Figure 2-13. Choose Next.



**Figure 2-13** Specifying Windows account information for BIRT iHub

If you select installation as a Windows service, the installer checks whether the account specified has the Log on as a Service privilege. If the account does not have the privilege, a message appears. Choose OK. Perform the steps described in “How to configure the log on as a service privilege,” earlier in this section. Then, choose Install.

Installing appears, showing the status of the BIRT iHub installation process, as shown in Figure 2-14. Choose Show Details to see more information about the BIRT iHub installation operations.



**Figure 2-14** Viewing the BIRT iHub installation process

8 If a Windows Security Alert appears indicating that the firewall is blocking access to Actuate BIRT iHub or one of its related programs, perform the following tasks:

- 1 In Allow Actuate BIRT iHub to communicate on these networks, for example, select Private networks, such as my home or work network. Then, choose Allow access, as shown in Figure 2-15.

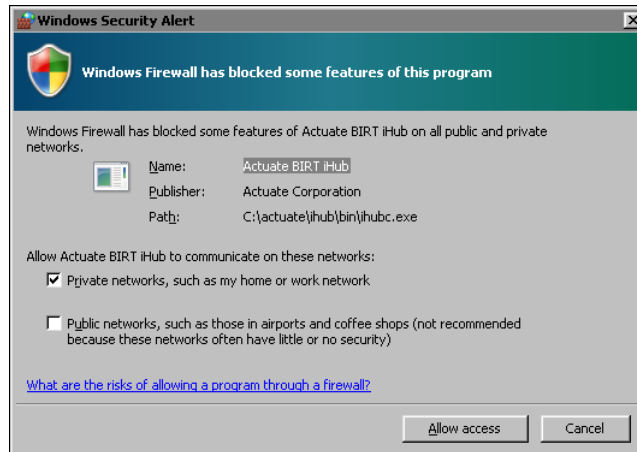


Figure 2-15 Allowing firewall access to Actuate BIRT iHub

- 2 In User Account Control, type an Administrator account password, as shown in Figure 2-16.

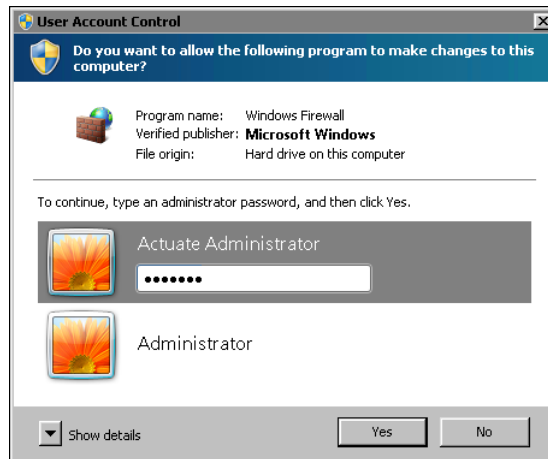
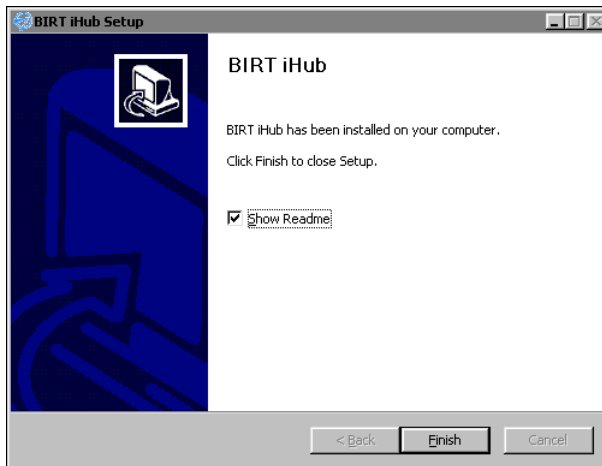


Figure 2-16 Entering an administrator account password

- 3 Repeat this step for other Windows Security Alerts, such as PostgreSQL Server or Java Platform SE binary, if prompted to do so.

- 9 With Show Readme selected, choose Finish to close BIRT iHub Setup, as shown in Figure 2-17. Alternatively, deselect Show Readme to not open the readme.txt file.



**Figure 2-17** Choosing Finish to close BIRT iHub setup

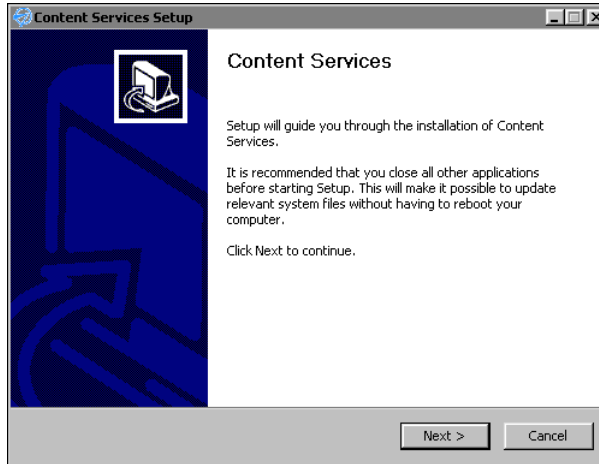
- 10 With Show Readme selected, the readme.txt file opens in Notepad. This file states that BIRT iHub installed successfully and a shortcut to the product is on the Desktop and in Windows Start menu. A shortcut to BIRT iHub Visualization Platform appears on the desktop.

## Installing the Content Services module on Windows

For information about accessing Content Services after installation, see Chapter 3, “Setting up BIRT iHub.” To install multiple BIRT iHub modules on the same system, see “Using the command-line installation package on Windows,” later in this chapter.

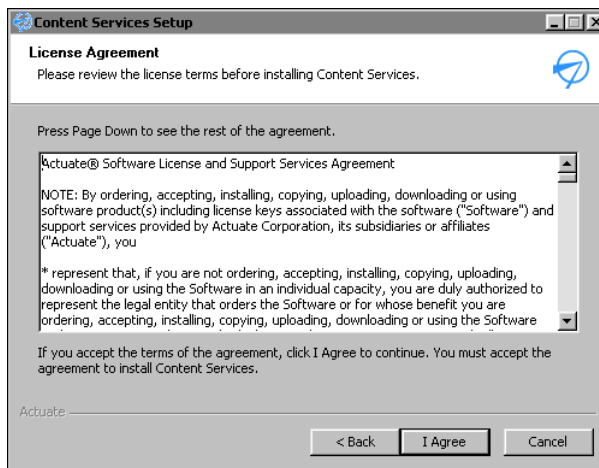
### How to run the Content Services installation program

- 1 Download the self-extracting executable file, ContentServices-ihub3.exe, from the software distribution site.
- 2 Run ContentServices-ihub3.exe. The Installer Language message appears. Select a language or accept the default language, English. Then, choose OK.
- 3 Content Services Setup appears, as shown in Figure 2-18. Choose Next.



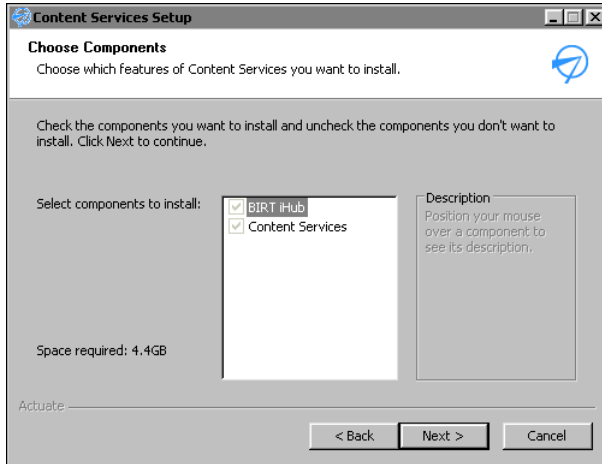
**Figure 2-18** Viewing Content Services Setup

- 4 In License Agreement, choose I Agree, as shown in Figure 2-19. Choose Next.



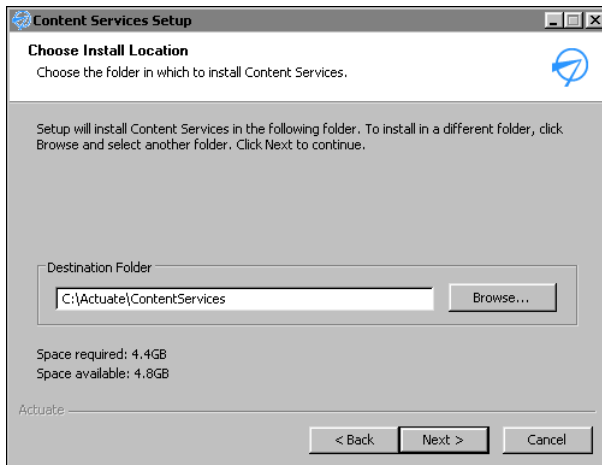
**Figure 2-19** Agreeing to license terms for Content Services

- 5 In Choose Components, accept the default set of Content Services components to install, as shown in Figure 2-20. Then, choose Next.



**Figure 2-20** Choosing Content Services installation components

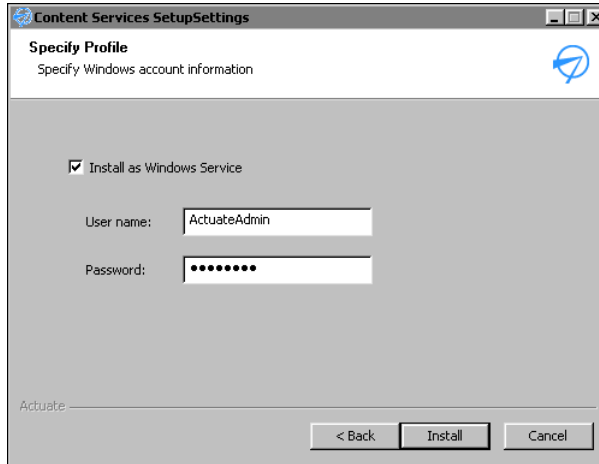
- 6 In Choose Install Location, in Destination Folder, accept the default path or choose Browse to specify a new destination folder in which to install Content Services, such as C:\Actuate\ContentServices, as shown in Figure 2-21. Choose Next.



**Figure 2-21** Choosing the Content Services installation folder

- 7 In Specify Profile, specify the Windows account information, including User name and password, and select whether to install Content Services as a Windows service, as shown in Figure 2-22. Choose Next.

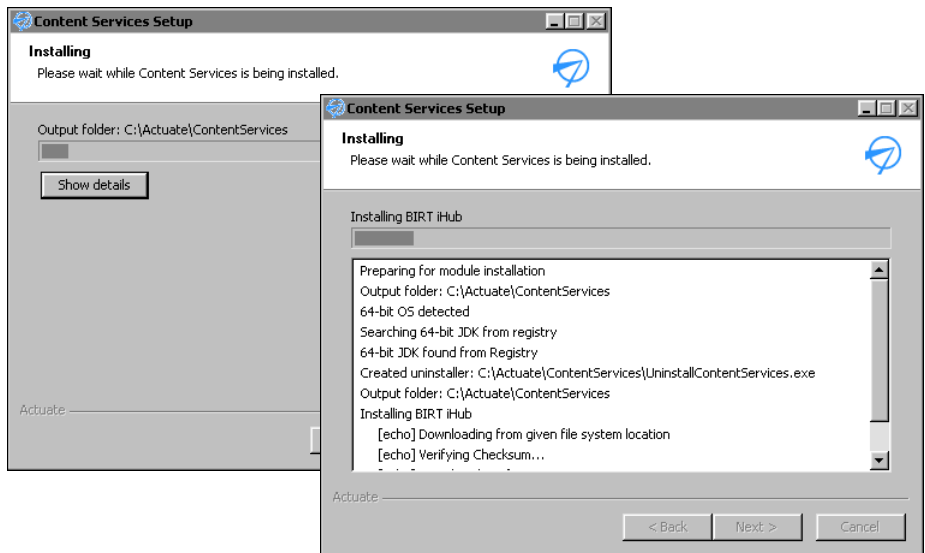




**Figure 2-22** Specifying Windows account information for Content Services

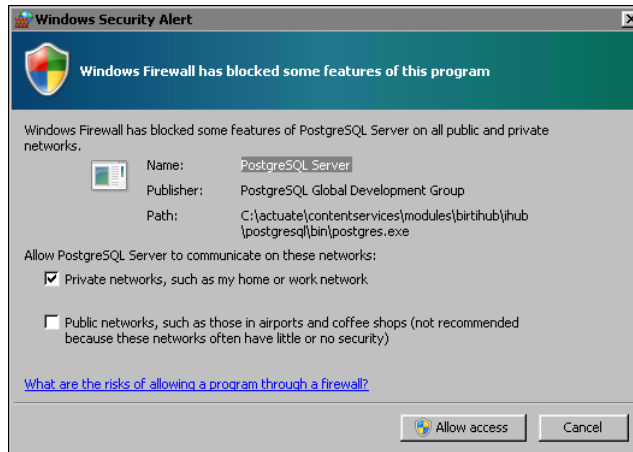
If you select installation as a Windows service, the installer checks whether the account specified has the Log on as a Service privilege. If the account does not have the privilege, a message appears. Choose OK. Perform the steps described in “How to configure the log on as a service privilege,” earlier in this section. Then, choose Install.

Installing appears, showing the status of the Content Services installation process, as shown in Figure 2-23. Choose Show Details to see more information about the Content Services installation operations.



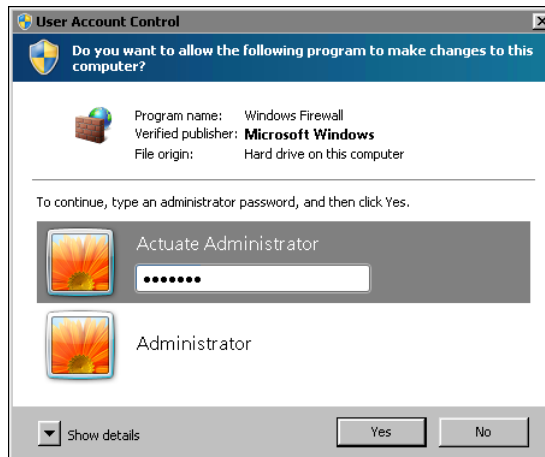
**Figure 2-23** Viewing the Content Services installation process

- 8 If a Windows Security Alert appears indicating that the firewall is blocking access to Actuate Content Services or one of its related programs, perform the following tasks:
  - 1 In Allow PostgreSQL Server to communicate on these networks, for example, select Private networks, such as my home or work network. Then, choose Allow access, as shown in Figure 2-24.



**Figure 2-24** Allowing firewall access to PostgreSQL Server

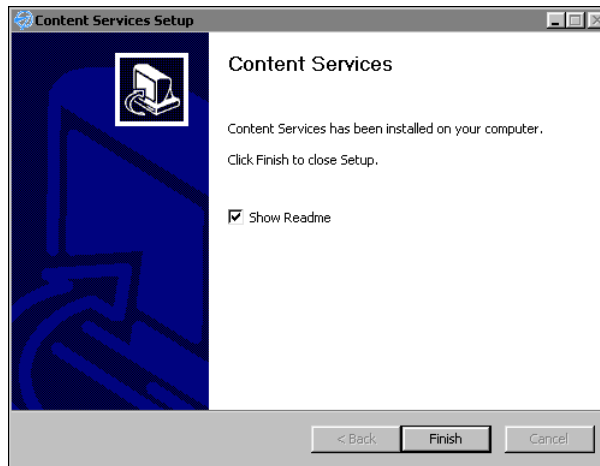
- 2 In User Account Control, type an Administrator account password, as shown in Figure 2-25.



**Figure 2-25** Entering an administrator account password

- 3 Repeat this step for other Windows Security Alerts, if prompted to do so.

- 9 With Show Readme selected, choose Finish to close Content Services Setup, as shown in Figure 2-26. Alternatively, deselect Show Readme to not open the readme.txt file.



**Figure 2-26** Choosing Finish to close Content Services setup

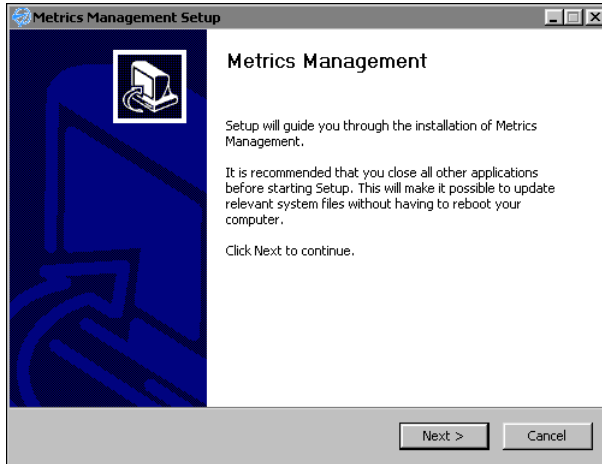
With Show Readme selected, the readme.txt file opens in Notepad. This file states that Content Services installed successfully and a shortcut to the product is on the Desktop and in Windows Start menu. Shortcuts to BIRT iHub Visualization Platform, Content Services Administration Console, Content Services Repository Administration Console, and Content Services Repository Console appear on the desktop.

## Installing the Metrics Management module on Windows

Perform the following procedure to install Metrics Management after installing BIRT Visualization Platform.

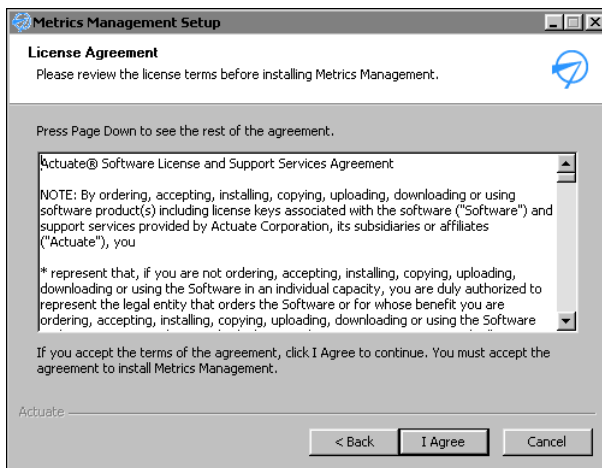
### How to run the Metrics Management installation program

- 1 Download the self-extracting executable file, MetricsManagement-ihub3.exe, from the software distribution site.
- 2 Run MetricsManagement-ihub3.exe. The Installer Language message appears. Select a language or accept the default language, English. Then, choose OK.
- 3 Metrics Management Setup appears, as shown in Figure 2-27. Choose Next.



**Figure 2-27** Viewing Metrics Management Setup

- 4 In License Agreement, choose I Agree, as shown in Figure 2-28. Choose Next.

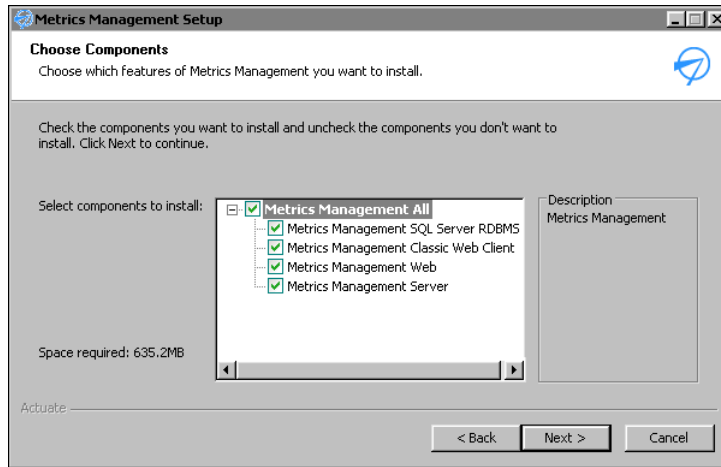


**Figure 2-28** Agreeing to license terms for Metrics Management

- 5 In Choose Components, select the set of Metrics Management components to install, as shown in Figure 2-29. The default selection installs all the Metrics Management components.

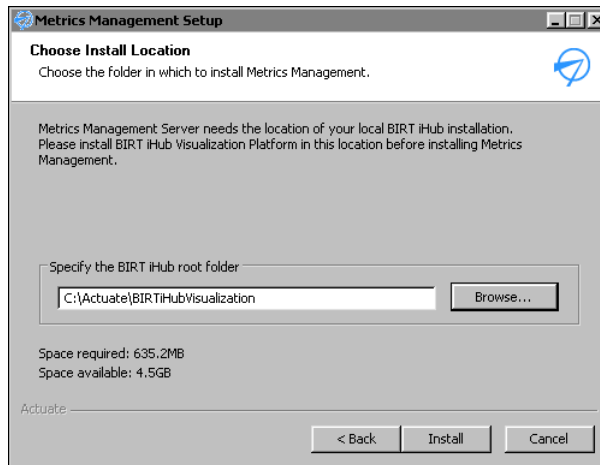
To install the database engine, select Metrics Management SQL Server RDBMS. To install a browser-based client for accessing briefing books, select Metrics Management Classic Web Client. To install the web tier component that installs in a browser, select Metrics Management Web. To install a service that provides the audit services, calculation engine, and security, select Metrics Management Server.

Then, choose Next.



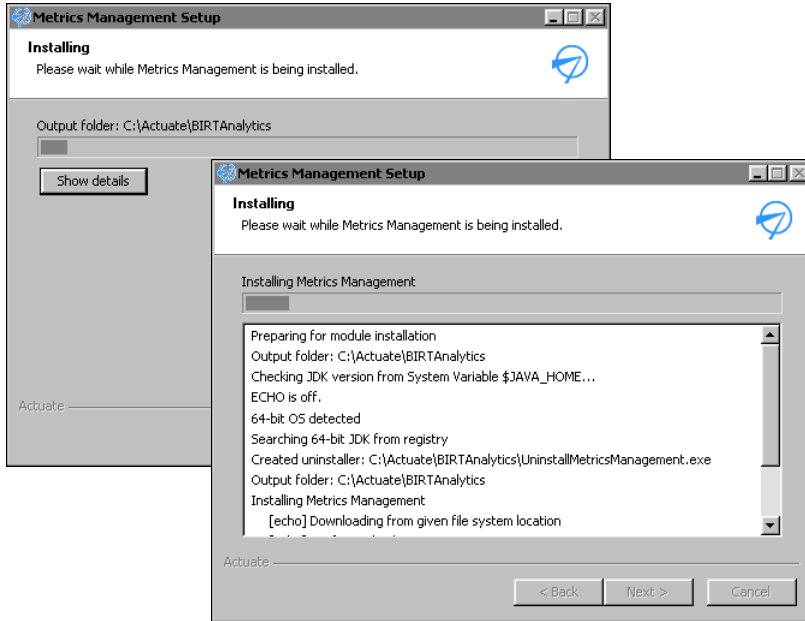
**Figure 2-29** Choosing Metrics Management installation components

- 6 In Choose Install Location, in Destination Folder, accept the default path or choose Browse to specify a new destination folder in which to install BIRT iHub, such as C:\Actuate\BIRTiHubVisualization, as shown in Figure 2-30. Choose Next.



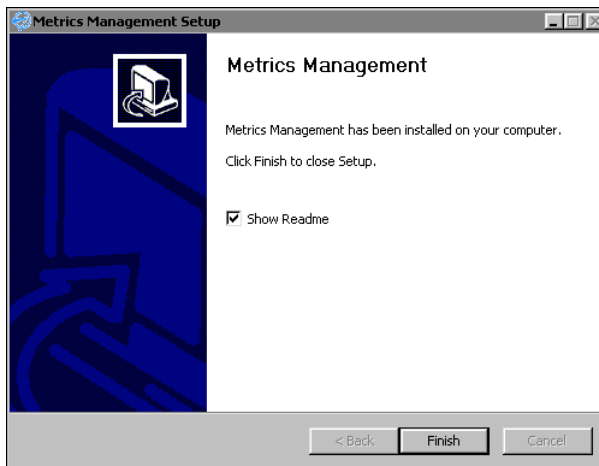
**Figure 2-30** Choosing the existing installation folder

Installing appears, showing the status of the Metrics Management installation process, as shown in Figure 2-31. Choose Show Details to see more information about the Metrics Management installation operations.



**Figure 2-31** Viewing the Metrics Management installation process

- 7 With Show Readme selected, choose Finish to close Metrics Management Setup, as shown in Figure 2-32. Alternatively, deselect Show Readme to not open the readme.txt file.



**Figure 2-32** Choosing Finish to close Metrics Management setup

With Show Readme selected, the readme.txt file opens in Notepad. This file states that Metrics Management installed successfully. Depending on the

components you selected to install, Metrics Management Web and Metrics Manager appear in the BIRT iHub menu in the Windows Start menu.

---

## Using the command-line installation package on Windows

The following sections describe how to use the command-line installer to install BIRT iHub modules on Windows. To use the installers for an individual BIRT iHub module, see “Installing BIRT iHub modules on Windows,” earlier in this chapter.

To install the BIRT iHub command-line installation package, the administrator performs the following tasks:

- Downloads the BIRT iHub 3 installation package, iHub3.zip, from the download site
- Downloads the zip archive installation packages and associated MD5 files for the required BIRT iHub modules from the download site
- Extracts the contents of the installation package into a directory such as C:\Actuate\iHub3
- Reads the readme.txt file and updates the acinstall.properties file
- Runs the install script, install.bat

The readme.txt file contains instructions about how to install the BIRT iHub product packages, as shown in Listing 2-1. The instructions contain the following sections:

- **Using BIRT iHub Network Install**  
Lists the software components the command-line installation package can install, such as BIRT iHub, System Console and BIRT iHub Visualization Platform, Java Development Kit (JDK), PostgreSQL, Content Services, BIRT Analytics, and Metrics Management components.
- **Deployment Steps**  
Describes the deployment tasks required to extract and run install the BIRT iHub Release 3 installation package. By default, the installation script installs iHub, System Console, and BIRT iHub Visualization Platform on the local machine.
- **Properties**  
Describes the properties in the iHub3\acinstall.properties file.
- **Uninstalling Modules**

Describes how to unregister or uninstall a module using the batch script `uninstall.bat`.

**Listing 2-1** BIRT iHub readme.txt

---

Using BIRT iHub Network Install

-----

Use the BIRT iHub network installation package to install:

- a. System Console
- b. BIRT iHub
- c. Information Console
- d. Metrics Management Server
- e. Metrics Management SQL Server RDBMS
- f. Metrics Management Web
- g. Metrics Management Classic Web Client
- h. Metrics Management All
- i. BIRT Analytics Core
- j. BIRT Analytics Web
- k. BIRT Analytics All
- l. BIRT iHub PostgreSQL Database
- m. JDK
- n. Content Services

Deployment Steps

-----

- Download `iHub3.zip` to your local machine.
- Extract `iHub3.zip` to a clean folder, such as `C:\Actuate\iHub3`.
- Open a command prompt with administrator privileges
- Go the directory where `iHub3` package contents have been extracted
- Run `iHub3/install.bat`

The default installation installs the following product components:

- BIRT iHub with the out-of-the-box (OOTB) Postgres RDBMS for storing metadata
- BIRT iHub System and Information Consoles
- System Console

To install additional product components, open the `iHub3/acinstall.properties` file in a text editor. Add the corresponding alphabetic identifier for a component to the `ac.package` property list.

For example, change `ac.package` from:

```
ac.package=a,b
```

to:

```
ac.package=a,b,i,k,l
```



To get the full list of modules available for installation, open a command prompt and type:

```
install -list
```

Properties

-----

iHub3/acinstall.properties contains the following properties:

- ac.login= (Modify the ac.login and ac.password properties to contain the login and password for the network machine that contains the Actuate BIRT product modules.)
- ac.password=
- ac.package=a,b (Default installation packages.)
- ac.homedir=. (Default installation folder.)
- ac.downloadonly=false (Set ac.download to true to download product modules only and have no installation take place.)
- ac.source= (Set ac.source to the network path of the installation modules. For example, //urup/Actuate/Install/iHub3/modules.)
- ac.runasservice=true (Set ac.runasservice to false to open command prompts for iHub server and Postgres services after installation is complete.)
- ac.acceptlicense=y (Leave ac.acceptlicense set to y to install using the evaluation license. After installation, the administrator can specify a purchased product license using System Console.)

Uninstalling Modules

-----

On Windows, Unregistering or uninstalling a module can done using the batch script uninstall.bat

- To get the list of modules that can be uninstalled use following command

```
uninstall.bat -list
```

- Using this script you can uninstall the following modules

- a. System Console
- b. BIRT iHub
- c. Information Console
- d. Metrics Management Server
- e. Metrics Management SQL Server RDBMS
- f. Metrics Management Web
- g. Metrics Management Classic Web Client
- h. Metrics Management All
- i. BIRT Analytics Core
- j. BIRT Analytics Web
- k. BIRT Analytics All
- l. BIRT iHub PostgreSQL Database

- To uninstall use following command

```
uninstall module_option Path_to_iHub3_install_directory
```

For example: To unregister BIRT iHub installed under C:/install/iHub3

```
uninstall b C:/install/iHub3
```

If you have modules installed in default home location you do not need to specify path to iHub3 installation. Just use following command

```
uninstall b
```

The acinstall.properties file contains the following properties, as shown in Listing 2-2:

- The ac.login and ac.password properties contain the account login name and password for the network machine that contains the installable Actuate BIRT product modules.
- The ac.package installation list contains the BIRT iHub modules to install. By default, the installation script installs options a and b, iHub with System Console and the embedded BIRT iHub Visualization Platform.
- The ac.homedir property specifies the path to the installation files if you do not run the installation script from the directory to which you extracted the files.
- The ac.downloadonly property specifies whether to download the product modules only and have no installation take place. Typically, leave this property at its default value, false, to install the modules.
- The ac.source property specifies the network path of the installation modules.
- The ac.runasservice property specifies whether to run BIRT iHub using Windows services. If the value of this property is true, ac.runasservice\_username specifies the user name and ac.runasservice\_password the user password for the account that runs the services. If these two properties are blank, BIRT iHub services run as the local system account. If the value of ac.runasservice is false, command prompt windows for iHub server and Postgres services open after installation is complete.
- The value of ac.acceptlicense must be y to specify that you accept the software license terms. If this property is n, the BIRT iHub software installation does not proceed.
- The ac.iHub\_cluster\_schema\_name and ac.iHub\_postgres\_port properties specify the cluster schema name and PostgreSQL RDBMS port, if necessary.

All path settings use forward slash (/) for the file separators. Do not use Windows, backward-slash (\) notation.

## Listing 2-2 acinstall.properties

---

```
#Tue, 11 Jun 2013 16:19:16 -0700
ac.login=machine/actuate
ac.password=password
ac.package=a,b
ac.homedir=.
ac.downloadonly=false
#ac.source=.
ac.source=//machine/Actuate/Install/iHub3/modules
ac.runasservice=true
ac.runasservice_username=
ac.runasservice_password=

# By changing the value of the ac.acceptlicense parameter
# to "y" you agree to the terms of the license agreement
# in the file "license.pdf" located in the same folder as
# this parameter file.
ac.acceptlicense=y

#Advanced Settings
#ac.iHub_cluster_schema_name=
#ac.iHub_postgres_port=
```

To obtain the list of installable modules and the corresponding letter settings, open a the command prompt and type the following command:

```
install -list
```

This command lists the available packages specified in installation script, as shown in Listing 2-3.

## Listing 2-3 Available installation modules for Windows

---

```
a. System Console
b. BIRT iHub
c. Information Console
d. Metrics Management Server
e. Metrics Management SQL Server RDBMS
f. Metrics Management Web
g. Metrics Management Classic Web Client
h. Metrics Management All
i. BIRT Analytics Core
j. BIRT Analytics Web
k. BIRT Analytics All
l. BIRT iHub PostgreSQL Database
m. JDK
n. Content Services
Choose a module
```

## How to extract the contents of the BIRT iHub distribution package on Windows

To extract the BIRT iHub run-time resources and configure the setup script, perform the following tasks. The downloaded installation file is iHub3.zip.

- 1 Download the required files, iHub3.zip, and the contents of the modules folder from the software distribution site.
- 2 Create a new folder into which to extract the installation files from the distribution archive file. This location must be outside C:\Program Files or C:\Program Files (x86), such as C:\Actuate.
- 3 Extract the contents of iHub3.zip to the folder created in the previous step.
- 4 Navigate to the folder where you extracted the BIRT iHub package.
- 5 Open and read the file, license.pdf. You must agree to the license terms in order to install BIRT iHub.
- 6 Using a text editor, open and read the file, readme.txt. Then, close the file.
- 7 Using a text editor, open the acinstall.properties file, as shown in Listing 2-2, and perform the following tasks:
  - 1 Modify the ac.login and ac.password properties to contain the account login and password for the network machine that contains the installable Actuate BIRT product modules.
  - 2 By default, the installation script installs options a and b, iHub with System Console and the embedded BIRT iHub Visualization Platform. To obtain the list of installable modules and the corresponding letter settings, open a the command prompt and type the following command:

```
install -list
```

This command lists the available packages, as shown in Listing 2-3.

Modify the ac.package installation list, shown in Listing 2-2, to contain the values for other BIRT iHub packages, such as a stand-alone Information Console, Metrics Management components, JDK, BIRT iHub PostgreSQL Database, Content Services, or BIRT Analytics.

- 3 Modify the ac.homedir property to specify the path to the installation files if you do not run the installation script from the directory to which you extracted the files.
- 4 Leave ac.downloadonly set to false.
- 5 Set ac.source to the network path of the installation modules.
- 6 To run BIRT iHub processes as Windows services, set ac.runasservice to true and edit ac.runasservice\_username to the user name and ac.runasservice\_password to the user password. Set ac.runasservice to false to see open command prompts for iHub server and Postgres services after installation is complete.

- 7 Set `ac.acceptlicense` to `y` to accept the software license terms.
- 8 Uncomment `ac.ihub_cluster_schema_name` and `ac.ihub_postgres_port`, setting these two properties to the cluster schema name and PostgreSQL RDBMS port, if necessary.
- 9 Save and close the file.

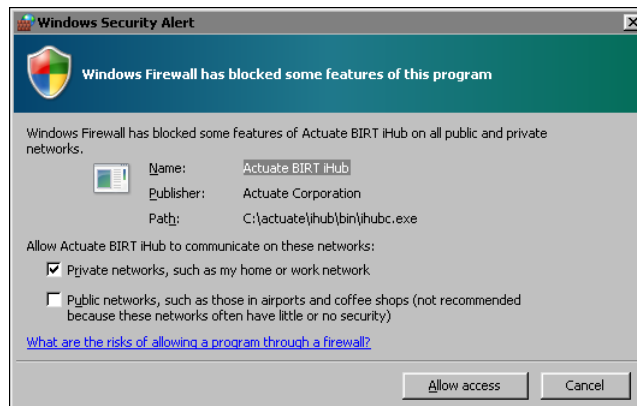
### How to run the command-line installation script on Windows

- 1 From the Windows menu, choose Start → Run. Open a command prompt by typing `cmd`, and choose OK.
- 2 Navigate to the folder where you extracted the BIRT iHub package, such as `C:\Actuate\iHub3`.
- 3 Type `install`, and press Enter to execute the installation script. Alternatively, you can navigate to the installation directory using Windows Explorer and double click the `install.bat` file to execute the script.

The command prompt display a series of status messages regarding the progress of the installation process, as shown in Listing 2-4:

- Detects and confirms administrative permissions
- Searches for a pre-existing registry key
- Detects and confirms a pre-existing JDK installation, or installs a JDK if a previous installation does not exist
- Extracts and installs the `iHub3.zip` installation package
- Displays `BUILD SUCCESSFUL` message indicating installation is complete.

If a Windows Security Alert appears indicating that the firewall is blocking access to Actuate BIRT iHub programs, as shown in Figure 2-33, perform the following tasks:



**Figure 2-33** Allowing firewall access to Actuate BIRT iHub

- 1 In Allow Actuate BIRT iHub to communicate on these networks, for example, select Private networks, such as my home or work network, then choose Allow access.
- 2 Repeat this step for other Windows Security Alerts, such as Java Platform SE binary.

When the script finishes running, press any key to close the command prompt, as shown in Listing 2-4.

**Listing 2-4** Command prompt messages

---

```
Administrative permissions required. Detecting permissions...
Success: Administrative permissions confirmed.
Install will start now...
[echo] Downloading from given file system location
[echo] Verifying Checksum...
[echo] Completed verification
[echo] Extracting package System Console
[echo] Installing System Console. This may take a few
minutes...
[echo] "Setup did not detect a valid JDK installation on your
machine"
[echo] Downloading from given file system location
echo] Verifying Checksum...
[echo] Extracting package JDK64
[echo] iHub3 prerequisite 64-bit JDK was missing. Setup will
now install 64-bit JDK on your machine
[echo] To access System Console, use URL:
http://localhost:8500/sysconsole
[echo] Downloading from given file system location
[echo] Verifying Checksum...
[echo] Completed verification
[echo] Extracting package Actuate BIRT iHub
[echo] Installing Actuate BIRT iHub. This may take a few
minutes...
[echo] acmodules.properties already exists
[echo] Using existing value from acmodules.properties
[echo] Using default PostgreSQL database port number 8432
[echo] Using default schema name
[echo] To access Information Console, use URL:
http://localhost:8700/iportal
[echo] Setup Completed
INSTALL SUCCEEDED
Total time: 15 minutes 22 seconds
Press any key to close this window
```

---

## Reviewing the BIRT iHub installation on Windows

The BIRT iHub installation programs create log files containing information about the tasks completed during the installation process. Table 2-2 lists the installation log files for each BIRT iHub module.

**Table 2-2** Installation log files for BIRT iHub modules on Windows

Module	Windows log files
All modules	In the installation folder: installer.log In the log folder: installer.log_<time-stamp>.log for each component
System Console	In modules\SystemConsole: setup.log setupSystemConsole.log In modules\SystemConsole\setup: setup.log
Visualization Platform	In modules\BIRTiHub: setup.log setupiHub.log startiHub.log In modules\BIRTiHub\iHub\bin: setup.log
BIRT Analytics	In modules\BIRTAalytics: setup.log In modules\BIRTiHub: setupiHub.log startiHub.log In modules\BIRTiHub\iHub\bin: setup.log
Metrics Management	In modules\MetricsManagement: ammprecheck.exe.log BIRT360PlusSetup.log SmartClientInstall.log WebInstall.log

**Table 2-2** Installation log files for BIRT iHub modules on Windows

Module	Windows log files
Content Services	In the installation folder: setup.log In modules\BIRTiHub: setupiHub.log startiHub.log In modules\BIRTiHub\iHub\bin: setup.log In modules\ContentServices: setupContentServices.log

## Starting and stopping BIRT iHub on Windows

Some administrative actions require a restart of BIRT iHub cluster before they take effect. Use System Console to stop and start BIRT iHub to perform these actions. The System Console processes are still running while BIRT iHub is stopped. To stop BIRT iHub and System Console completely, you must stop these processes.

If you selected to run the BIRT iHub modules as a service, use the Services administration tool to start and stop BIRT iHub services. If the BIRT iHub modules are not running as services, use the batch files provided to start and stop the modules. Table 2-3 lists the services and batch files for each BIRT iHub module.

**Table 2-3** Services and batch files to run BIRT iHub modules

Module	Windows services	Windows batch files
System Console	Actuate Apache Tomcat 7 for System Console Actuate PostgreSQL for System Console	In modules\SystemConsole: startupSystemConsole.bat This file starts and stops System Console and Actuate PostgreSQL for System Console.
BIRT iHub	Actuate iHub 3 Service Actuate PostgreSQL for iHub 3 Service	In modules\BIRTiHub: startiHub.bat This file starts and stops BIRT iHub and Actuate PostgreSQL.



**Table 2-3** Services and batch files to run BIRT iHub modules

Module	Windows services	Windows batch files
Metrics Management	SQL Server (SCORECARD) SQL Server Agent (SCORECARD)	No additional batch files
BIRT Analytics	BIRT iHub Analytics Core BIRT iHub Analytics DDWCron	In modules\BIRTAalytics: startBAapps.bat startBACore.bat stopBAapps.bat stopBACore.bat
Content Services	No additional services	No additional batch files

## Uninstalling BIRT iHub from Windows

Uninstalling BIRT iHub deletes the iHub metadata including dashboards, reports, and jobs in a volume. To transfer a volume to a different iHub installation or to switch to a different metadata database, see *BIRT iHub System Administration Guide*.

Before uninstalling a BIRT iHub module, stop any processes running the module.

If you installed using the BIRT iHub installation programs, uninstall BIRT iHub modules using Windows Start→Control Panel→Uninstall a program. The programs to uninstall for each modules are shown in Table 2-4.

**Table 2-4** Windows programs for BIRT iHub modules

Module	Windows program
System Console	BIRT iHub System Console
BIRT iHub	BIRT iHub
BIRT Analytics	BIRT Analytics
Content Services	BIRT Content Services
Metrics Management	BIRT iHub—Metrics Management BIRT iHub Metrics Management Web BIRT iHub Metrics Manager Metrics Manager

If you installed using the command-line installation package, run the `uninstall.bat` script from the installation folder. For example, to uninstall a default installation of BIRT iHub and its associated components, such as System Console and Visualization Platform, and PostgreSQL RDBMS, perform the following tasks, as shown in Listing 2-5:

- Open a command prompt
- Navigate to the installation folder
- Check the contents of the modules folder
- Run `uninstall -list` to view the letter codes for the installed modules
- Run `uninstall` for each module, using the corresponding option letter as an argument

The `uninstall` program unregisters the modules from the operating system and shuts down the specified BIRT iHub services. After the process completes, delete the BIRT iHub module from the file system. Listing 2-5 shows the uninstallation process for System Console.

#### **Listing 2-5** Uninstalling BIRT iHub from Windows

---

```
C:\Users\Administrator>cd C:\Actuate\iHub3
C:\Actuate\iHub3>dir modules
Volume in drive C has no label.
Volume Serial Number is ECD3-B0D4

Directory of C:\Actuate\iHub3\modules

12/30/2013  05:36 PM    <DIR>          .
12/30/2013  05:36 PM    <DIR>          ..
12/30/2013  05:43 PM    <DIR>          BIRTiHub
12/30/2013  05:35 PM    <DIR>          JDK64
12/30/2013  05:35 PM    <DIR>          SystemConsole
                0 File(s)                0 bytes
                5 Dir(s)    1,357,713,408 bytes free

C:\Actuate\iHub3>uninstall -list
Uninstall Modules...
List of Services
a. System Console
b. BIRT iHub
c. Information Console
d. Metrics Management Server
e. Metrics Management SQL Server RDBMS
f. Metrics Management Web
g. Metrics Management Classic Web Client
h. Metrics Management All
i. BIRT Analytics Core
```

j. BIRT Analytics Web  
k. BIRT Analytics All  
l. BIRT iHub PostgreSQL Database  
Command to uninstall Modules:  
Type `uninstall module_Option Path_to_iHub3_install_directory`  
Eg: To uninstall BIRT iHub Use command  
`uninstall b`  
`C:\Actuate\iHub3>uninstall a`  
Uninstall Modules...  
Uninstall Module: System Console  
Unregistering Services..  
Module a: System Console is unregistered from system successfully.  
Now you can delete the module from the system safely.  
Press any key to close this window



## Setting up BIRT iHub

This chapter contains information on Setting up BIRT iHub and accessing modules.

---

## Setting up BIRT iHub and accessing modules

After installing System Console and one or more BIRT iHub module, use System Console to create a cluster containing a single node. The cluster enables the system administrator to license the modules and monitor the iHub usage. For information about configuring BIRT iHub applications and databases, see *BIRT iHub System Administration Guide*.

### Accessing System Console

During the command-line installation on Windows, System Console opens in a browser. The other installation programs do not open System Console, so to open System Console, double-click the System Console icon on a Windows desktop or open a browser manually and enter the following URL:

```
http://localhost:8500/sysconsole
```

On Windows, to provide access to System Console from another system, use the Windows Firewall advanced settings to open the port 8500 to TCP inbound traffic.

To access System Console from another system, open a browser manually and enter a URL similar to the following one, where servername is the name of the machine where you installed System Console:

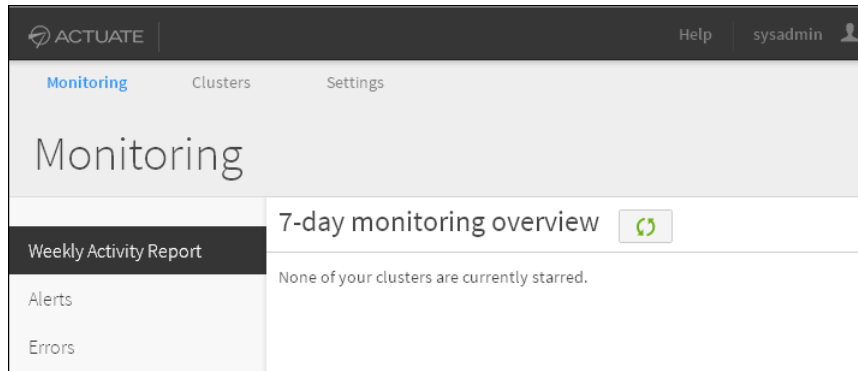
```
http://servername:8500/sysconsole
```

Log in to System Console using the following default system administrator credentials:

- Username: sysadmin
- Password: system11

You can change the default system administrator login name and password in System Console—Settings—System Admin Users. System Console initially displays the 7-day monitoring overview, as shown in Figure 3-1.

The login password for the postgres user in the default PostgreSQL RDBMS is postgres.



**Figure 3-1** Viewing System Console

A system administrator uses System Console to configure BIRT iHub System, including specifying the settings for the following items:

- Create and configure a cluster
- Connect to a database
- Add a volume
- Tune services and processes
- Specify ports
- Manage resources
- Viewing Logging and Monitoring System (LMS)
- Configure alerts
- Review and update license options

For more information about using System Console, see *BIRT iHub System Administration Guide*. For more information about administering the PostgreSQL RDBMS, see the vendor documentation at:

<http://www.postgresql.org/docs>

## Accessing Visualization Platform

To access Visualization Platform, double-click the icon on a Windows desktop or open a browser and enter the following URL:

<http://localhost:8700/iportal>

On Windows, to provide access to Visualization Platform from another system, use the Windows Firewall advanced settings to open the port 8700 to TCP inbound traffic.

To access Visualization Platform from another system, open a browser manually and enter a URL similar to the following one, where servername is the name of the machine where you installed Visualization Platform:

http://servername:8700/iportal

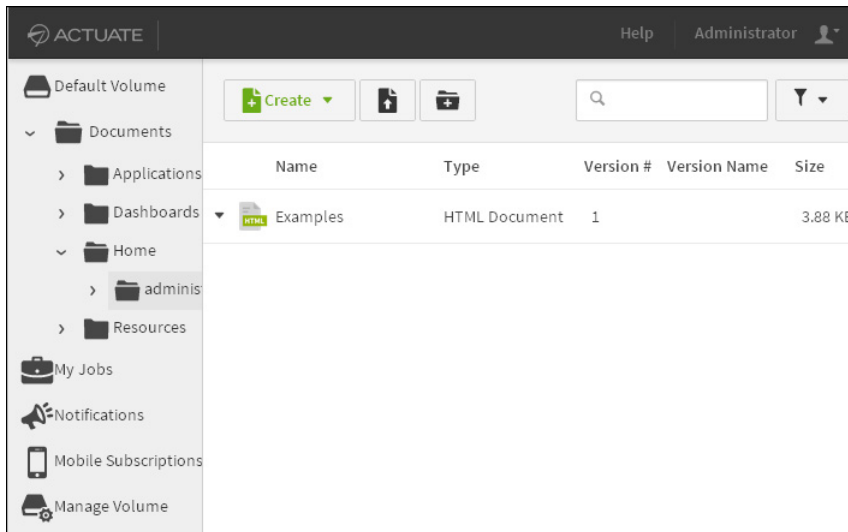
Log in to Visualization Platform using the following default volume administrator credentials:

- Username: Administrator
- Leave the password blank

Then, choose Log In.

To log in to Visualization Platform using a volume other than the default volume, type <volume name>\username. For example, type sales\_volume\Administrator to log in as Administrator to a volume named sales\_volume.

Visualization Platform appears, as shown in Figure 3-2.



**Figure 3-2** Viewing Visualization Platform

## About Visualization Platform functionality

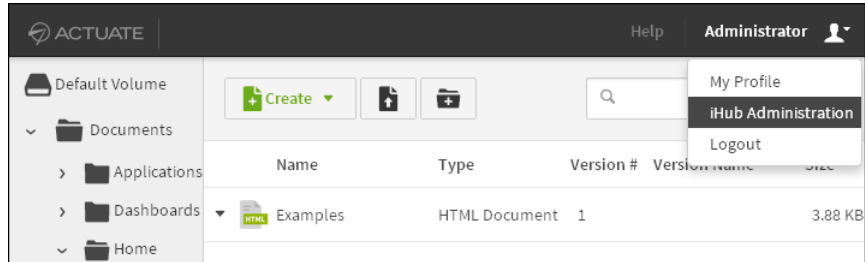
Visualization Platform provides end-user access to dashboards, files, folders, and gadgets. This access includes sharing items that the user owns, and submitting jobs. For more information about this functionality, see *Using Visualization Platform*.

The system administrator uses BIRT iHub Visualization Platform to add users and user groups, and configure access to BIRT iHub shared application services and volume items such as dashboards, files, folders, and gadgets.



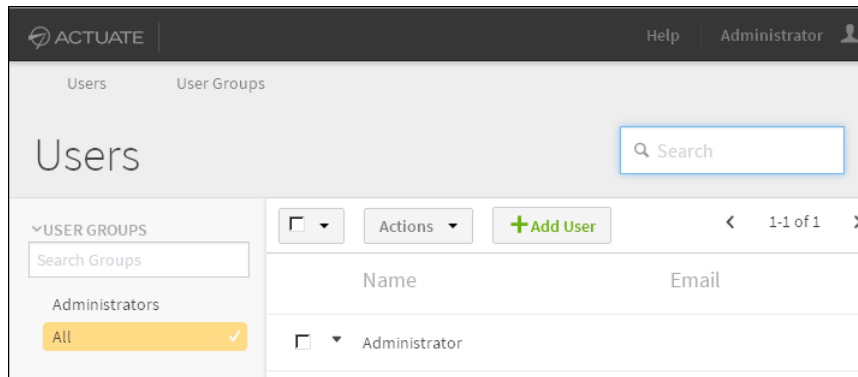
## Accessing user administration

To administer the Visualization Platform users and user groups, choose Administrator—iHub Administration, as shown in Figure 3-3. This choice appears if the user has the requisite privileges.



**Figure 3-3** Accessing iHub Administration

BIRT iHub Administration appears, as shown in Figure 3-4.



**Figure 3-4** Viewing BIRT iHub Administration

### How to disable user administration

To disable user administration functionality completely in this web application for security reasons, perform the following tasks:

- 1 Delete the following folder from the installation environment:
  - ~\Actuate\iHub3\modules\BIRTiHub\iHub\web\portal\admin
- 2 Comment out or delete the context path setting in the web.xml file in the following location, shown in Listing 3-1:

```
~\Actuate\iHub3\modules\BIRTiHub\iHub\web\portal\WEB-INF\
web.xml
```

**Listing 3-1** Administration context path in Visualization Platform web.xml

---

```
<context-param>
  <param-name>MC_CONTEXT</param-name>
  <param-value>/acadmin</param-value>
</context-param>
```

For more information about BIRT iHub Visualization Platform user administration tools, see *Managing iHub Client Applications*.

## **Managing a volume**

A user who has administrative privileges has access to the Manage Volume tools in Visualization Platform. For more information about the volume management tools, see *Managing iHub Client Applications*.

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