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BIRT iHub

Installing Metrics Management

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Installing Metrics Management

This chapter contains the following topics:

- Preparing to install Metrics Management
- Installing Metrics Management
- Reviewing the Metrics Management installation
- Starting and stopping Metrics Management services
- Uninstalling Metrics Management

Preparing to install Metrics Management

This document explains how to install Metrics Management, a service and database engine for analyzing performance metrics. Before you install Metrics Management, you must install BIRT iHub Visualization Platform as described in *Installing and Upgrading BIRT iHub on Windows*.

Table 1-1 lists the Metrics Management components you can install and a description of each component.

Table 1-1 Metrics Management components

Component	Description
Database Management System	The Metrics Management database engine. The installation program installs Microsoft SQL Server Express.
Web Application	Provides the Metrics Management web infrastructure. This component is installed and hosted in the context of Microsoft Internet Information Services (IIS).
Classic Report Server	Processes Metrics Management native reports. This component is installed as a Windows service.
Metrics Manager	Provides an administration interface for the Metrics Management system, as well as presentation objects such as view trees, books, maps, and sections. Users can launch Metrics Manager from a web browser.
Documentation Server	Documentation in PDF format. Metrics Management core component that provides functionality such as the calculation engine, security evaluation, OLAP data storage, auditing, and managing metadata object repositories. The server can host multiple Metrics Management databases.
Web Reporting Services	A web application that provides a set of web services used by information objects, data objects, and the RSSE security extension interface.
Sample Databases	Two databases, Sample Corporate and Sample Government. You must install these databases in order to integrate Metrics Management with BIRT iHub.

Table 1-1 Metrics Management components

Component	Description
iHub Integration	Extensions that integrate Metrics Management data objects and security extension with BIRT iHub.
Metrics Manager Classic	Same as Metrics Manager, except that Metrics Manager Classic must be installed locally. It is not accessible using a web browser.

Checking for ports used by Metrics Management

Metrics Management processes use network ports to communicate. Before installation, make sure that the ports shown in Table 1-2 are available on the system.

Table 1-2 Ports used by Metrics Management

Port	Used by
80	Web Server application to communicate with Web Client.
443	Web Server application to communicate with Web Client over HTTPS (if applicable).
8000	Web Server application to communicate with BIRT iHub.
8700	Web Server to communicate with BIRT iHub (if applicable).
13000 to 13000 + N	Metrics Manager, Metrics Manager Classic and the Web Server applications to communicate with the Metrics Management Server. N represents the number of Metrics Management databases. In addition to port 13000, Metrics Management uses one port for each database. For example, in a configuration which runs three databases, Metrics Management also uses ports 13001, 13002 and 13003.
17326	Metrics Manager, Metrics Manager Classic and Web Server applications to communicate with Metrics Management Server.

Prerequisites for Metrics Management installation

For information about prerequisites, see the Metrics Management Supported Products Matrix:

<http://developer.actuate.com/resources/supported-products/birt-ihub-metrics-management-10-sp4f2/>

Installing Metrics Management

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.exe, from the software distribution site.
- 2 Run MetricsManagement.exe. In Language selection, select a language or accept the default language, English. Then, choose Next.

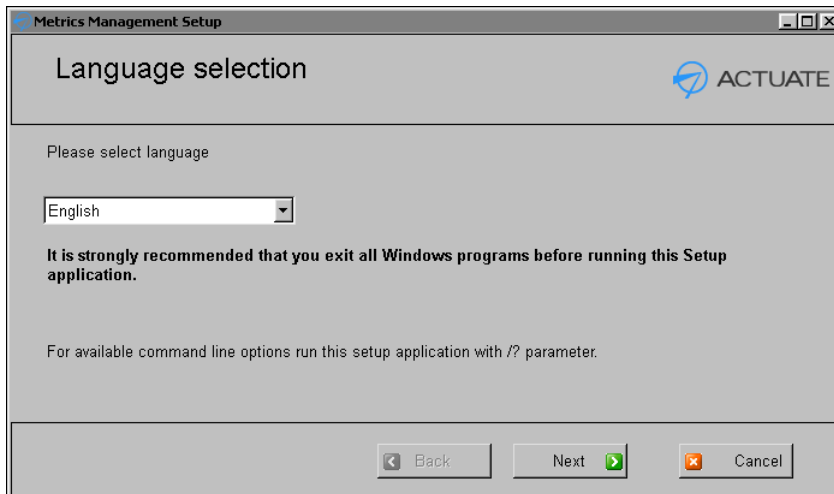


Figure 1-1 Choosing the installer language

- 3 In License agreement, check the box, as shown in Figure 1-2. Choose Next.

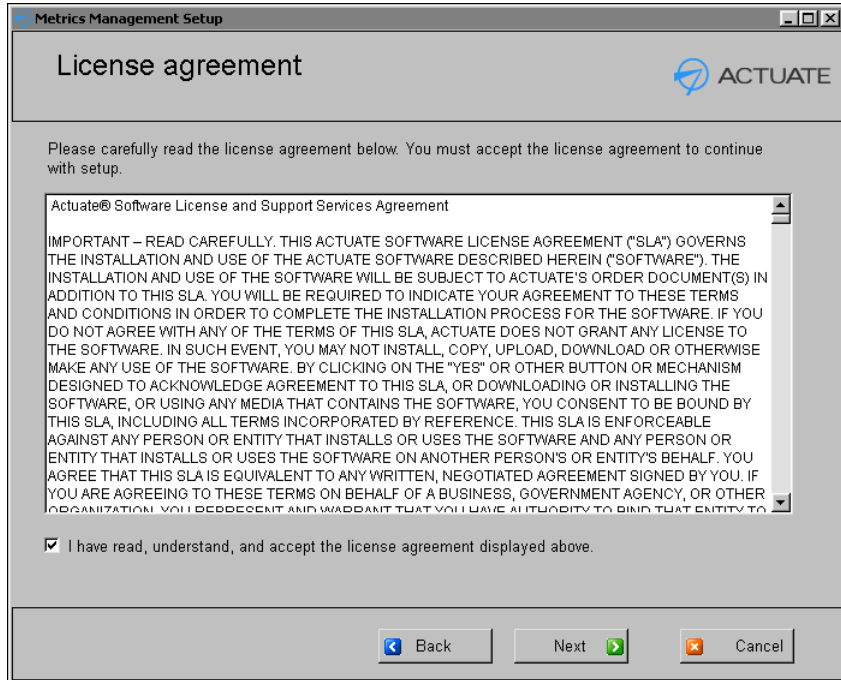


Figure 1-2 Agreeing to license terms for Metrics Management

- 4 In Components selection, select the set of Metrics Management components to install, as shown in Figure 1-3. Choose Next.

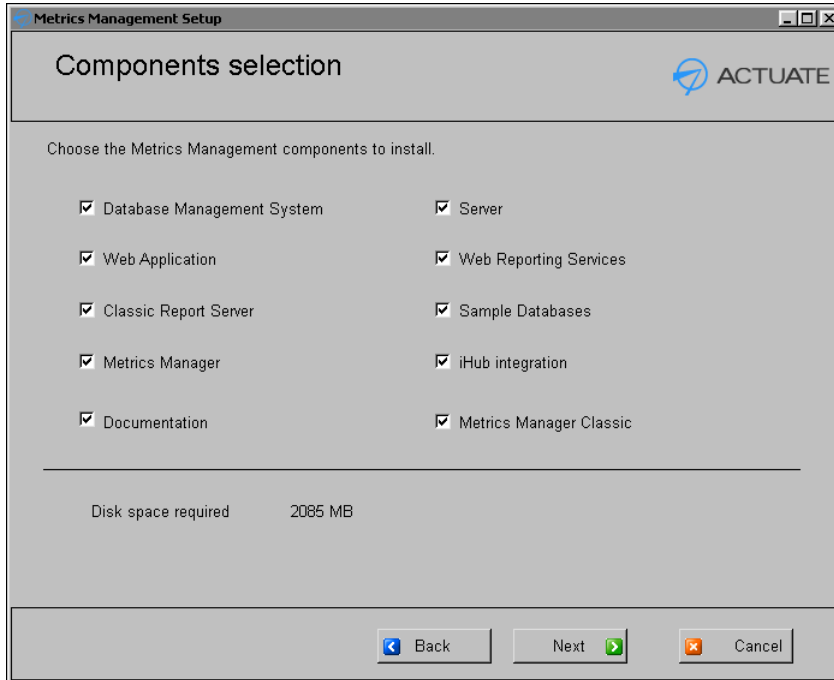


Figure 1-3 Choosing Metrics Management installation components

- 5 In Folder selection, in iHub root folder, choose Browse to specify the location of the folder in which you installed BIRT iHub, such as C:\Actuate\BIRTiHubVisualization, as shown in Figure 1-4. Choose Next.

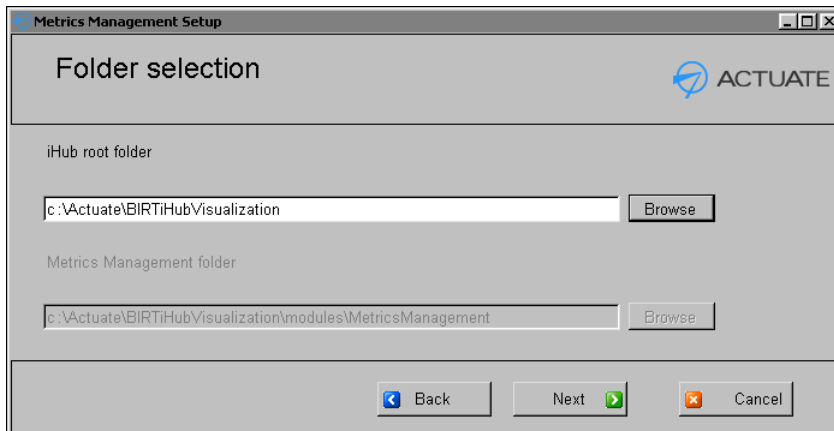


Figure 1-4 Choosing the iHub root installation folder

- 6 In Start installation, shown in Figure 1-5, review the components and folders. If you want to make changes, choose Back. Otherwise, choose Start.

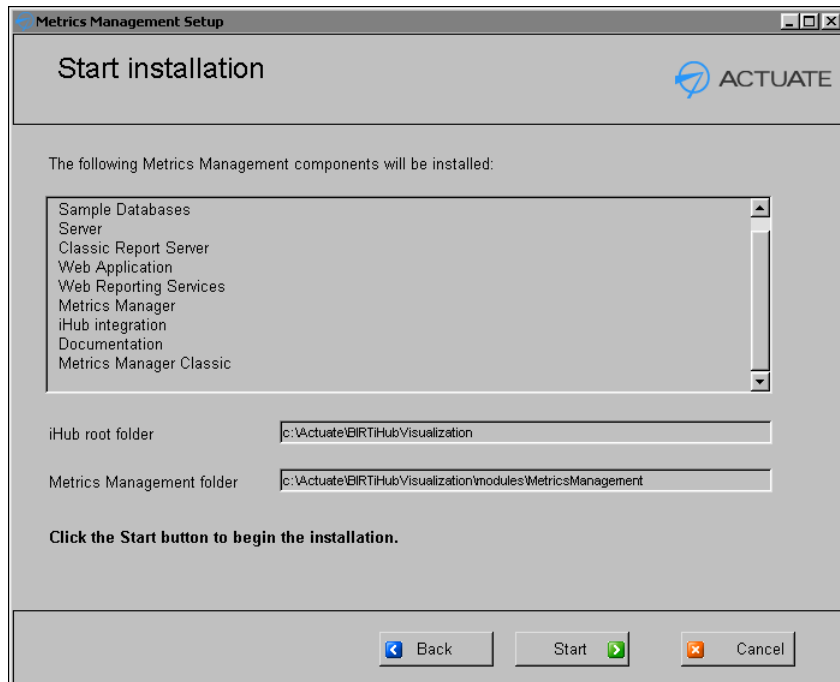


Figure 1-5 Starting the Metrics Management installation

Metrics Management installation appears, showing the status of the Metrics Management installation process, as shown in Figure 1-6. Other screens may appear, depending on the components you chose to install.

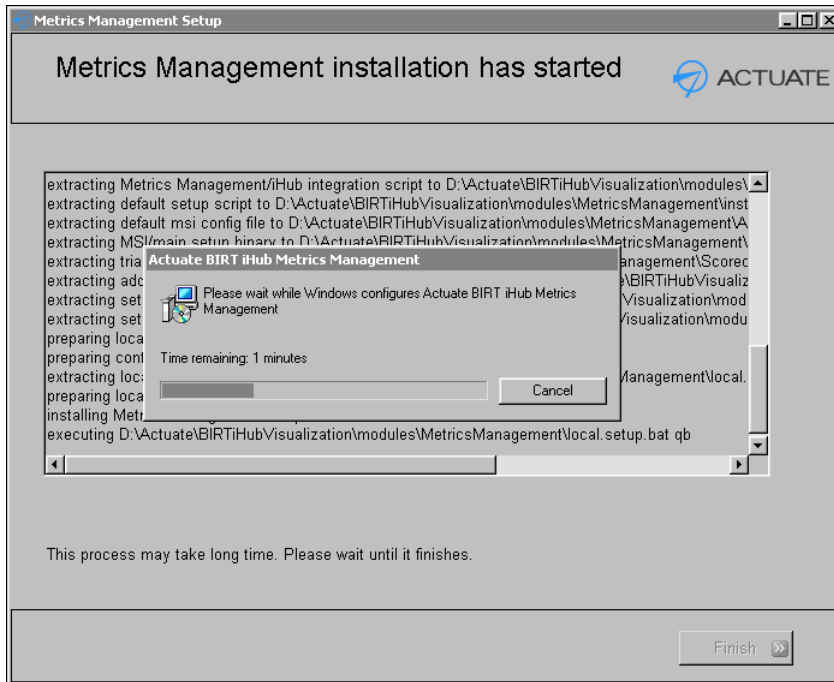


Figure 1-6 Viewing the Metrics Management installation process

- 7 When the installation process completes, choose Finish to close Metrics Management Setup, as shown in Figure 1-7.

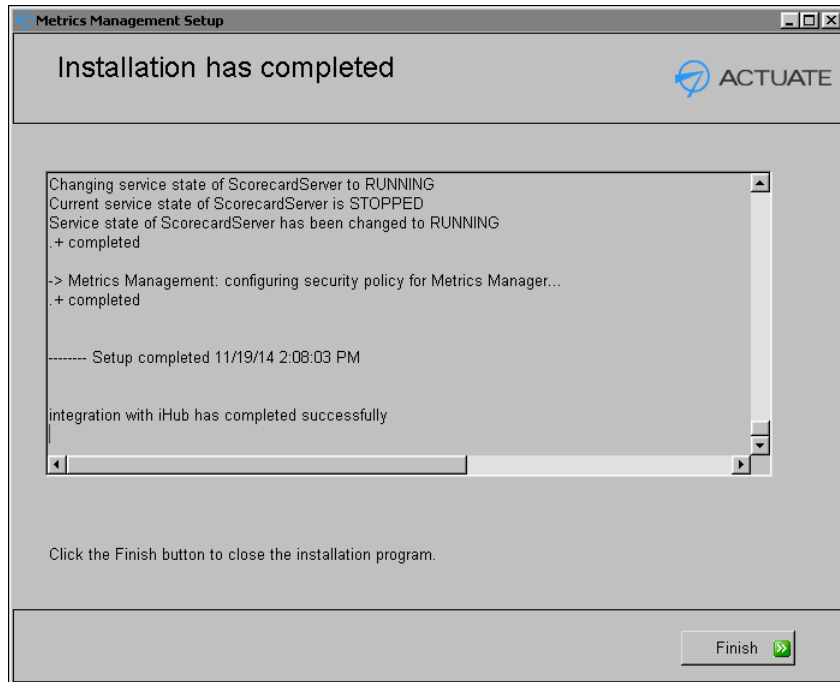


Figure 1-7 Completing the Metrics Management installation

Reviewing the Metrics Management installation

The Metrics Management installation program creates two or three log files containing information about the tasks completed during the installation process. The log files `MetricsManagement.Setup.msi.log` and `MetricsManagement.Setup.log` are located in the Metrics Management root folder, `<BIRT iHub Visualization Platform root folder>\modules\MetricsManagement`. If the iHub integration component was selected, the result of this installation step is captured in a log file named `BIRT360PlusSetup.log`.

Starting and stopping Metrics Management services

Use the Windows Services administration tool to start and stop Metrics Management services. The Metrics Management services are:

- SQL Server (SCORECARD)
- BIRT Metrics Management Server

- BIRT Metrics Management Report Server

Uninstalling Metrics Management

Before uninstalling Metrics Management, stop all Metrics Management services. Make sure to stop SQL Server last. Stop Metrics Management IIS Application Pools or reset IIS.

Uninstall Metrics Management using Windows Start→Control Panel→Programs and Features and uninstall the Actuate BIRT iHub Metrics Management program. After the uninstallation completes, uninstall Microsoft SQL Server 2012 (64-bit).

Alternatively, open a Command Prompt window with Administrator privileges, navigate to the Metrics Management root folder, for example `..modules\MetricsManagement`, and execute the following command:

```
uninstallMetricsManagement.bat ALL
```

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