

IBM Business Intelligence Pattern with BLU Acceleration
Version 1.0

*Dynamic Cubes Installation and
Configuration Guide*



Note

Before using this information and the product it supports, read the information in "Notices" on page 21.

Product Information

This document applies to IBM Business Intelligence Pattern with BLU Acceleration Version 1.0.0 and may also apply to subsequent releases.

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Introduction

This document is intended for use with IBM® Cognos® Dynamic Cubes. IBM Cognos Dynamic Cubes is used with IBM Cognos Business Intelligence metadata to provide business users and analysts with the ability to model dimensional metadata and to create dynamic cubes to use as data sources in the Content Manager.

This document includes installation instructions for IBM Cognos Cube Designer and IBM Cognos Dynamic Query Analyzer.

Audience

This guide is intended for system administrators. To use this guide, you should have basic Microsoft Windows, UNIX, and Linux administration skills.

Finding information

To find BI Pattern with BLU Acceleration product documentation on the web, access the IBM Business Intelligence Pattern with BLU Acceleration Information Center (<http://pic.dhe.ibm.com/infocenter/cbiima/v1r0m0/index.jsp>).

To find IBM PureApplication™ System product information on the web, access the IBM PureApplication System information Center (<http://pic.dhe.ibm.com/infocenter/psappsys/v1r1m0/index.jsp>).

To find IBM DB2® product information on the web, access the IBM DB2 information Center (<http://pic.dhe.ibm.com/infocenter/db2luw/v10r5/index.jsp>).

Accessibility Features

Accessibility features help users who have a physical disability, such as restricted mobility or limited vision, to use information technology products. IBM Cognos Dynamic Cubes has accessibility features. For information on these features, see the accessibility section in this document.

IBM Cognos HTML documentation has accessibility features. Adobe PDF documents are supplemental and, as such, include no added accessibility features.

Forward-looking statements

This documentation describes the current functionality of the product. References to items that are not currently available may be included. No implication of any future availability should be inferred. Any such references are not a commitment, promise, or legal obligation to deliver any material, code, or functionality. The development, release, and timing of features or functionality remain at the sole discretion of IBM.

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Chapter 1. Components and tools used by IBM Cognos Dynamic Cubes

IBM Cognos Dynamic Cubes adds a relational OLAP component to the Dynamic Query Mode server to provide a multidimensional view of a relational data warehouse. You can then perform OLAP analysis by using the Cognos Dynamic Cubes server.

IBM Cognos Dynamic Cubes integrates easily into your existing infrastructure by using resources that are already in your environment. Some of these existing resources are required, such as a Java™ virtual machine, or other databases for the content store. The Administration Console is used to deploy and manage the cube data. The dynamic query mode (DQM) server runs the cube data, and studio applications use the data in reporting environments.

IBM Cognos Cube Designer provides dynamic cube design and modeling capability. IBM Cognos Dynamic Query Analyzer is used to analyze and optimize the data as necessary.

Cognos Dynamic Cubes Workflow

The workflow for IBM Cognos Dynamic Cubes consists of five major steps. Users, such as the system analyst administrator, modeler administrator, or report author use various tools to manage and administer these steps.

The following steps are included in the workflow:

- Analyzing the data
Before installing IBM Cognos Dynamic Cubes, the modeler and relational database administrator determine whether the data is a good candidate for IBM Cognos Dynamic Cubes.
- “Designing and preparing dynamic cubes - IBM Cognos Cube Designer” on page 3
The modeler creates a basic dynamic cube, adds features to satisfy the business requirements, and ensures that the cube is available to IBM Cognos Administration.
- Deploying and managing a dynamic cube
After dynamic cubes are published to Content Manager, the Administrator handles the initial configuration and subsequent management within IBM Cognos Administration.
- “Application tier components” on page 2
The report author uses the dynamic cube as a data source in reporting applications.
- “IBM Dynamic Query Analyzer” on page 2
To optimize individual cube performance, the administrator can monitor the metrics of the dynamic cubes, and change, if necessary, the cube configuration.

Server components

Server components provide the user interfaces for reporting and product configuration, including the server functionality for routing and processing user requests. Server components associated with IBM Cognos Dynamic Cubes are organized into the following functional groups: interfaces, application tier components, and Content Manager components.

Client-based interfaces

The following client-based user interface is available for use with IBM Cognos Dynamic Cubes.

IBM Dynamic Query Analyzer

IBM Cognos Dynamic Query Analyzer is an Eclipse-based client user interface that provides graphical representations for the query logs produced by dynamic query mode queries. In addition, Cognos Dynamic Query Analyzer includes the Dynamic Cubes Aggregate Advisor, a tool that analyzes dynamic cubes and recommends cube aggregation, based on available cube definitions and optional query load, to improve query performance.

Aggregate Advisor can also analyze previously run Business Intelligence reports and suggest aggregates that correspond directly to these reports. For more information, see the *IBM Cognos Dynamic Query Analyzer User Guide*.

Application tier components

The IBM Cognos Business Intelligence applications tier contains one or more IBM Cognos BI servers. An IBM Cognos BI server runs requests, such as reports, analyses, and queries, that are forwarded by a gateway. An IBM Cognos BI server also renders the IBM Cognos Connection and studio interfaces. Report authors use the dynamic cubes as data sources in reporting applications.

Publishing, managing, and viewing content - IBM Cognos Connection

IBM Cognos Connection is a web portal provided with IBM Cognos Business Intelligence, providing a single access point to the corporate data available for its products. It provides a single point of entry for querying, analyzing, and organizing data, and for creating reports, scorecards, and events. Users can run all their web-based IBM Cognos BI applications through IBM Cognos Connection. Other business intelligence applications, and web addresses to other applications, can be integrated with IBM Cognos Connection.

Central administration - IBM Cognos Administration

IBM Cognos Administration is a central management interface that contains the administrative tasks for IBM Cognos BI. It provides easy access to the overall management of the IBM Cognos environment and is accessible through IBM Cognos Connection.

Viewing and interacting with published content - Cognos Viewer

Cognos Viewer is a portlet in which you can view and interact with any type of published IBM Cognos content. It is accessible through IBM Cognos Connection and any existing enterprise portal.

Professional reporting - Report Studio

Using Report Studio, report authors create, edit, and distribute a wide range of professional reports. They can also define corporate-standard report templates for use in Query Studio, and edit and modify reports created in Query Studio or Analysis Studio.

Ad hoc querying and self-service reporting - Query Studio

Using Query Studio, users with little or no training can quickly design, create and save reports to meet reporting needs not covered by the standard, professional reports created in Report Studio.

Managing Application Data - Content Manager

Content Manager is the IBM Cognos Business Intelligence service that manages the storage of customer application data, including security, configuration data, models, metrics, report specifications, and report output. Content Manager is needed to publish packages, retrieve or store report specifications, manage scheduling information, and manage the Cognos namespace.

Content Manager stores information in a content store database.

Modeling component

Modeling components model data within data sources to structure and present data in a way that is meaningful to users.

Designing and preparing dynamic cubes - IBM Cognos Cube Designer

IBM Cognos Cube Designer is the modeling tool used to design dynamic, aggregate, and virtual cubes. Relational metadata is imported to use as the basis for dynamic cube design. Individual dynamic cubes are deployed as OLAP data sources to Content Manager in IBM Cognos Business Intelligence.

To work with a deployed cube in the IBM Cognos studios, the modeler must also publish the cube, configure the deployed cube for use as a data source by the Query Service, and start the cube.

Other components

In addition to the tools that are provided, IBM Cognos Dynamic Cubes requires the following components that are created by using other resources.

Content store

The content store is a relational database that contains data that your IBM Cognos BI product needs to operate, such as report specifications, published models, and the packages that contain them; connection information for data sources; information about the external namespace, and the Cognos namespace itself; and information about scheduling and bursting reports.

Your IBM Cognos BI product includes an embedded database, Cognos Content Database, that you can use to get your product running quickly in a test or proof-of-concept system. When you are ready to set up a production environment

with your IBM Cognos BI product, set up the content store to use a supported database that can be secured and tuned for performance and stability. The administration portal provides features that you can use to back up and archive the data from Cognos Content Database before moving to the new content store database in your production environment. For more information, see the topic about deploying the entire content store in the *IBM Cognos Business Intelligence Administration and Security Guide*.

Design models and log files are not stored in the content store.

The IBM Cognos service that uses the content store is named Content Manager.

Data sources

Data sources, also known as query databases, are relational databases, dimensional or OLAP cubes, files, or other physical data stores that can be accessed through IBM Cognos BI. Application Tier Components use data source connections to access data sources.

Chapter 2. Preparing to install IBM Cognos Dynamic Cubes

Before you install IBM Cognos Dynamic Cubes, some preinstallation tasks are required to set up your environment.

After you confirm your environment, initially complete only the required configuration tasks so that your installation successfully runs in your environment.

The simplest and quickest way to get your IBM Cognos product to run in your environment is to ensure that a basic installation works before you customize the configuration. For more information, see the *IBM Business Intelligence Pattern with BLU Acceleration Installation and Administration Guide*.

Use the following checklist to guide you through the setup process:

- “Review the Release Notes Before You Install.”
- “Review supported environments.”
- “Verify system requirements for IBM Cognos Dynamic Cubes” on page 6.

After you complete these tasks, you can continue with Chapter 3, “Installing and configuring IBM Cognos Cube Designer,” on page 9 and Chapter 5, “Installing and configuring Dynamic Query Analyzer,” on page 13.

Review the Release Notes Before You Install

Before you install your IBM Cognos product, it is important to be aware of all issues that may affect your installation strategy.

There may be late-breaking issues that were not known when this installation guide was created.

Review the Release Notes before you install your product. The Release Notes contains late-breaking information about known issues, and documentation updates and deprecation notices. The Release Notes are available from the first page of the installation wizard. Release Notes updates are also available from the IBM Business Intelligence Pattern with BLU Acceleration 1.0.0 Information Center (<http://pic.dhe.ibm.com/infocenter/cbiima/v1r0m0/index.jsp>).

Review supported environments

To ensure that your product works properly, apply all minimum required operating system patches, and use only the supported versions of third-party software.

To review an up-to-date list of environments that are supported by IBM Cognos Business Intelligence products, including information on operating systems, patches, browsers, web servers, directory servers, database servers, and application servers, see the supported software environments (<http://www-01.ibm.com/support/docview.wss?uid=swg27039392>).

Unless otherwise indicated, IBM Cognos products are compatible with later versions of patches and service packs from the versions stated.

Cognos products and virtualization environments

The IBM virtualization policy (www.ibm.com/software/support/virtualization_policy.html) describes IBM support for virtualization environments.

For more information, search supported server virtualization environments by product (<http://pic.dhe.ibm.com/infocenter/prodguid/v1r0/clarity/vesForProduct.html>).

Verify system requirements for IBM Cognos Dynamic Cubes

Use the following tables to check the minimum hardware and software requirements to install and run IBM Cognos Dynamic Cubes. You might require additional resources, such as disk space.

Hardware requirements

The following table lists the hardware requirements and specifications for a single computer installation.

Table 1. Hardware requirements for a single computer installation

Requirement	Specification
RAM	Minimum: 4 to 8 GB per processor
Disk space	A minimum of 2.5 GB of free space is required to install the software, and 1GB of free space on the drive that contains the temporary directory used by IBM Cognos components.

Software requirements

The following table lists the software requirements and specifications for a single computer installation.

Table 2. Software requirements for a single computer installation

Requirement	Specification
Operating system	Windows
Java Runtime Environment (JRE) Libraries	On Windows a JRE is provided with the installation.
Database	IBM DB2
JDBC driver libraries	IBM DB2 Universal Database™ for Linux, UNIX, and Windows,

JDBC driver files

The following table lists the JDBC (Java Database Connectivity) driver files for common database software.

Table 3. JDBC driver files for common database software

Database software	Driver	Native system libraries
IBM DB2 Universal Database for Linux, UNIX, and Windows	IBM DB2 Universal (Type 4)	None

Chapter 3. Installing and configuring IBM Cognos Cube Designer

Dynamic cubes are databases optimized to provide high speed query performance over large data sets of metadata for business intelligence reporting and analysis. The dynamic cubes provide high speed query performance by implementing the following features: using targeted caching (reducing how often queries are issued to the database); aggregate tables (providing levels of aggregation at a higher level than a basic fact table); and multi-pass SQL (improving the performance of retrieving data from the database when the cache is not sufficient).

To run the IBM Cognos Dynamic Cubes software, the Business Intelligence Application Server, and IBM Dynamic Query Analyzer must be at version 10.2.1.1 and installed to the same location as other Business Intelligence Application Tier components.

Installation checklist for using the IBM Cognos Dynamic Cubes software

IBM Cognos Dynamic Cubes are used to model dimensional metadata and to create dynamic cubes to use as data sources in the Content Manager. The software includes IBM Cognos Cube Designer for designing dynamic, aggregate, and virtual cubes.

To install the IBM Cognos Dynamic Cubes software, perform the following tasks:

- Upgrade or install version 10.2.1.1 of the Business Intelligence Server software on a Microsoft Windows, UNIX, or Linux operating system.
- Install IBM Cognos Cube Designer.
- Upgrade or install version 10.2.1.1 of IBM Cognos Dynamic Query Analyzer where the IBM Cognos Business Intelligence Application Tier components are currently installed.
- Test the IBM Cognos Cube Designer installation.

Installing IBM Cognos Cube Designer

Procedure

1. Start the installation program.

Go to the location where the installation files were downloaded and extracted from the endpoint, and then double-click the `issetup.exe` file.

2. Select the language to use for the installation.

The language that you select determines the language of the user interface. All supported languages are installed. You can change the user interface to any of the installed languages after installation.

3. On the **Installation Location** panel, select the location for installation. Install Cube Designer to its own location, separate from other client installations.
4. Accept the defaults on the **Component Selection** page.
5. Follow the directions in the installation wizard to copy the required files to your computer.

If you are installing in a directory that contains other IBM Cognos Business Intelligence components, you are prompted to create backup copies of the files that will be replaced.

6. In the **Finish** page of the installation wizard, complete the following steps:
 - a. If you want to see the log files, click **View** for the appropriate log file.
 - b. If you want to see late-breaking information about the product, select the check box for IBM Cognos Release Notes
 - c. Click **Finish**.

Testing the installation of IBM Cognos Cube Designer

You can test the installation of the IBM Cognos Cube Designer by verifying that the shortcut appears on the Start menu.

Procedure

To test the installation from the **Start** menu, click **Programs > IBM Cognos 10 > IBM Cognos Cube Designer**.

Results

You can test Dynamic Cubes with your Business Intelligence application server by modeling a simple cube (one dimension, one hierarchy, and one measure), publishing it to a data source, and deploying it to a server. For more information, see the *IBM Cognos Dynamic Cubes User Guide*.

Chapter 4. Uninstalling IBM Cognos Cube Designer

Use the Uninstall wizard to remove the IBM Cognos Cube Designer software.

About this task

It is not necessary to back up the configuration and data files on a Microsoft Windows operating system. These files are preserved during the uninstallation.

Procedure

1. Stop the IBM Cognos services.

Remember: It is important to also stop applications that are related to the IBM Cognos service, such as IBM Cognos Connection.

2. From the **Start** menu, click **Programs, IBM Cognos 10, Uninstall IBM Cognos, Uninstall IBM Cognos**.

Tip: IBM Cognos is the default name of the Program Folder that is created during the installation. If you chose another name, go to that folder to find the program.

3. In the Uninstall wizard, select the language of the installation.
4. Select the **IBM Cognos Cube Designer** check box, and click **Next**.
5. Continue following the prompts to complete the uninstallation. The `cognos_uninst_log.htm` file records the activities that the Uninstall wizard performs while uninstalling files.

Tip: To find the log file, look in the Temp directory.

6. Delete all temporary Internet files.

Results

Uninstalling does not remove any files that changed since the installation, such as configuration and user data files. Your installation location remains on your computer, and you retain these files until you delete them manually.

Chapter 5. Installing and configuring Dynamic Query Analyzer

Install Dynamic Query Analyzer from the installation wizard. After you install the product, use IBM Cognos Configuration to configure the product.

Supported environments

To ensure that your product works properly, apply all of the required operating system patches, and use only the supported versions of third-party software.

To review an up-to-date list of environments that are supported by IBM Cognos Business Intelligence products, including information on operating systems, patches, browsers, web servers, directory servers, database servers, and application servers, see the supported software environments (<http://www-01.ibm.com/support/docview.wss?uid=swg27039392>).

Unless otherwise indicated, IBM Cognos products are compatible with later versions of patches or service packs from the versions stated.

Cognos products and virtualization environments

The IBM virtualization policy (www.ibm.com/software/support/virtualization_policy.html) describes IBM support for virtualization environments.

For more information, search supported server virtualization environments by product (pic.dhe.ibm.com/infocenter/prodguid/v1r0/clarity/vesForProduct.html).

Install Dynamic Query Analyzer

Use the following steps to install Dynamic Query Analyzer.

Procedure

1. Go to the location where the installation files were downloaded and extracted from the endpoint, and then run the `issetup.exe` file as an administrator.
2. Follow the directions in the installation wizard.
Install Dynamic Query Analyzer to its own location, separate from other client installations.

Configure Dynamic Query Analyzer

Use IBM Cognos Configuration to configure Dynamic Query Analyzer.

Start IBM Cognos Configuration

Procedure

From the **Start** menu, click **Programs > IBM Cognos 10 > IBM Cognos Configuration**.

If you are using a Windows Vista, Windows 7, or Windows 2008 computer, and you have installed the product to the Program Files (x86) directory, start IBM Cognos Configuration as an Administrator.

Connect to IBM Cognos BI server

To configure Dynamic Query Analyzer, you must specify the location of the IBM Cognos Business Intelligence gateway and a dispatcher for the server that contains the reports that you want to analyze.

Procedure

1. In IBM Cognos Configuration, in the **Explorer** window, click **Environment**.
2. Enter the **Gateway URI** and **Dispatcher URI for external applications** values for the IBM Cognos BI server.

Gateway URI

The gateway URI is a combination of the Application URI endpoint (from CognosBIAS), with the port and /servlet/dispatch/ext.

For example `http://MyBIINApp:80/p2pd/servlet/dispatch/ext`

Dispatcher URI for external applications

The dispatcher URI for external applications is a combination of the address of the dynamic cubes dispatcher, with the port and /p2pd/servlet/dispatch.

For example, `http://MyBIINApp:9300/p2pd/servlet/dispatch`

3. Click **File > Save**.
4. Close IBM Cognos Configuration.

Start Dynamic Query Analyzer

Before you start Dynamic Query Analyzer ensure that you save your configuration settings, and that the IBM Cognos server is running.

Procedure

1. On Microsoft Windows operating systems, from the **Start** menu, click **Programs > IBM Cognos 10 > IBM Cognos Dynamic Query Analyzer**.
2. Test the configuration of Dynamic Query Analyzer.
 - a. In Dynamic Query Analyzer, click **Windows > Show View**.
 - b. In the **Show View** dialog box, click **Navigation > Content Store**, and click **OK**.

If the configuration is correct, in the **Content Store** pane, the IBM Cognos content from the specified server displays.

Appendix A. Accessibility features

Accessibility features help users who have a physical disability, such as restricted mobility or limited vision, to use information technology products.

See the IBM Accessibility Center (<http://www.ibm.com/able>) for more information about the commitment that IBM has to accessibility.

Keyboard Shortcuts for the Installation Wizard

Keyboard shortcuts, or shortcut keys, provide you with an easier and often faster method of navigating and using software.

The Installation Wizard uses standard Microsoft Windows operating system navigation keys in addition to application-specific keys.

Note: The following keyboard shortcuts are based on US standard keyboards.

The following table lists the keyboard shortcuts that you can use to perform some of the main tasks in the Installation Wizard on the Microsoft Windows operating system.

Table 4. List of keyboard shortcuts on a Microsoft Windows operating system

To do this	Press
Move to the next field on a page	Tab
Return to the previous field on a page	Shift+Tab
Close the installation wizard	Alt+F4
Move to the next configuration step	Alt+N
Return to the previous configuration step	Alt+B
Move to the next selection in a list	Down arrow
Move to the previous selection in a list	Up arrow

The following table lists the keyboard shortcuts you can use to perform some of the main tasks in the License Agreement page of the installation wizard.

Table 5. List of keyboard shortcuts on the License Agreement page

To do this	Press
Accept the license agreement	Alt+A
Decline the license agreement	Alt+D
Quit the installation wizard	Alt+x

The following table lists the keyboard shortcuts you can use to perform some of the main tasks in IBM Cognos Configuration on a Microsoft Windows operating system.

Table 6. List of keyboard shortcuts for IBM Cognos Configuration on a Microsoft Windows operating system

To do this	Press
Save the current configuration	Ctrl+S
Close IBM Cognos Configuration	Alt+F4
Rename the selected item	F2
Display the File menu	Alt+F
Display the Edit menu	Alt+E
Display the View menu	Alt+V
Display the Actions menu	Alt+A
Display the Help menu	Alt+H

Appendix B. Setting up an unattended installation

Set up an unattended installation and configuration when you want to install an identical configuration across several computers on your network or to automate the installation process by specifying options and settings for users.

There are two ways to set up an unattended installation. Both methods use a transfer specification file (.ats) to copy IBM Cognos Dynamic Cubes components to your computer without you being prompted for information.

One method allows you to run the Installation Wizard on your computer. The selections that you make are recorded in a transfer specification file (.ats). You can use the generated .ats file to perform an unattended installation across other computers on your network. Alternatively, you can use the default response.ats file to automate the installation. The installer uses the values in the response file rather than requiring you to interact with it.

Before you set up an unattended installation and configuration, ensure that all the system requirements and prerequisites are met and that all other software that you need is installed and configured.

To set up an unattended installation and configuration:

- Configure a transfer specification file (.ats) to specify installation options
- Run the installation tool in silent mode

Setting up the installation using a file generated from the Installation Wizard

You can install IBM Cognos Dynamic Cubes components by using a transfer specification file (.ats) generated from a previous installation.

About this task

By default, each time you install IBM Cognos Dynamic Cubes components using the Installation Wizard, the options that you select are recorded in a transfer specification file. Therefore, if you already installed IBM Cognos Dynamic Cubes components on a deployment computer, you can use the generated transfer specification file as a template for unattended installations on different computers. You can use the file as a template by starting the installer from the command line and passing the response file in as an argument.

You can determine whether the unattended installation was successful by checking the return status. A value of zero (0) indicates success, and all other values indicate that an error occurred.

Procedure

1. Use the Installation Wizard to install IBM Cognos Dynamic Cubes components on one computer.
2. Go to `c10_location\instlog` directory.
3. Locate the transfer specification file (.ats) that was generated.

The file name format is `ts-DCUBEMODEL-version-yyyyymmdd_hhmm.ats`.

4. Copy the transfer specification file to the computer where you plan to install IBM Cognos Dynamic Cubes.
5. In a text editor, open the transfer specification file (.ats) that you copied.
6. In the **IBM License Agreement** section, change the **I Agree** property to *y*.
This action means that you are accepting the license agreement. To read the terms of the license agreement, see the *LA_language_code* and *notices* files on the computer from which you copied the *response.ats* file, in the *c10_location\license\product* directory.
7. Save the transfer specification file to a local directory and in the same folder (the directory where you extracted the contents of the installer endpoint file) that contains the installer executable file *issetup.exe*.
8. Install IBM Cognos Dynamic Cubes.
Open a **Command Prompt** window, change to the *win32* directory where you extracted the contents of the installer endpoint file, where the installer *issetup.exe* file is located, and type the following command:

```
issetup -s location/filename.ats
```

Where *location* is the directory where you saved the transfer specification file.

Results

If a return status other than zero (0) is returned, check the log files for error messages. Errors are recorded in the *c10_location\instlog* directory in a summary error log file. The file name format is *t1-DCUBEMODEL-versionyyyymmdd-hhmm_summary-error.txt*.

If errors occur before sufficient initialization occurs, log messages are sent to *t1-DCUBEMODEL-version-yyyymmdd-hhmm.txt* log file in the *Temp* directory.

Setting up the installation using the default transfer specification file

You can install IBM Cognos Dynamic Cubes components by using the default transfer specification file (*response.ats*).

About this task

If you do not use the Installation Wizard to install components, you can use the default transfer specification file named *response.ats* that is available on the product disc. Use the *response.ats* file to copy IBM Cognos Dynamic Cubes components to several computers without being prompted for information.

You must modify the *response.ats* file for your environment before you can use it for an unattended installation.

You can determine whether the unattended installation was successful by checking the return status. A value of zero (0) indicates success, and all other values indicate that an error occurred.

Procedure

1. On the target computer, download and extract the component installation files from the endpoint.
2. Go to the directory for your operating system and in a text editor, open the *response.ats* file.

Each section in the response.ats file corresponds to a window in the Installation Wizard.

3. In the **License Agreement** section, change the **I Agree=** property to *y*.
This action means that you are accepting the license agreement. To read the terms of the license agreement, see the *LA_language_code* and *notices* files in the root installation directory for the operating system on the product disc.
4. In the **APPDIR=** *location*, type the installation location of the program files for the IBM Cognos Dynamic Cubes component.
5. For a Windows installation, for the **APPFOLDER=** *property*, type the name of the **Start** menu folder that contains your program shortcuts.

Tip: To ensure that the shortcut folder is visible to all users, for the **ALLUSERS_FLAG=** property, type 1.

6. In the section named [**Component List**], next to each component:
 - To install the component, type 1.
 - To not install the component, type 0.

For example, if you require only IBM Cognos Dynamic Cubes, set the value for **DCUBEMODEL_APP** to 1.

7. Ensure that there are no spaces on either side of the equal sign (=) for all changes set in the transfer specification file.
8. Save the transfer specification file to a local directory.
9. Go to the directory where you saved the transfer specification file.
10. Install IBM Cognos Dynamic Cubes.

Open a **Command Prompt** window, change to the win32 directory where you extracted the contents of the installer endpoint file, where the installer *issetup.exe* file is located, and type the following command:

```
issetup -s location/response.ats
```

Where *location* is the directory where you saved the transfer specification file.

Results

If a return status other than zero (0) is returned, check the log files for error messages. Errors are recorded in the *c10_location\instlog* directory in a summary error log file. The file name format is *t1-DCUBEMODEL-versionyyyymmdd-hhmm_summary-error.txt*.

If errors occur before sufficient initialization occurs, log messages are sent to the *t1-DCUBEMODEL-version-yyyymmdd-hhmm.txt* log file in the Temp directory.

Notices

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