Note

Before using this information and the product it supports, read the information in “Notices” on page 9.

Product Information

This document applies to IBM Cognos Business Intelligence Version 10.2.0 and may also apply to subsequent releases. To check for newer versions of this document, visit the IBM Cognos Information Centers [http://publib.boulder.ibm.com/infocenter/cogic/v1r0m0/index.jsp].

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# Contents

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Install Dynamic Query Analyzer</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Create a virtual directory to access log files</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Configuring Dynamic Query Analyzer on Windows computers</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Configuring Dynamic Query Analyzer on Linux operating systems</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>Accessibility features</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Keyboard Shortcuts for the Installation Wizard</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Notices</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Index</td>
<td>13</td>
</tr>
</tbody>
</table>
Chapter 1. Introduction

IBM® Cognos® Dynamic Query Analyzer (DQA) provides a graphical interface for the execution tree logs produced by dynamic query mode queries.

DQA allows a report administrator to easily identify all the individual pieces of a dynamic query mode query and allows you to troubleshoot your query performance.

This guide contains instructions for installing IBM Cognos Dynamic Query Analyzer.

Finding information

To find IBM Cognos product documentation on the web, including all translated documentation, access one of the IBM Cognos Information Centers (http://publib.boulder.ibm.com/infocenter/cogic/v1r0m0/index.jsp). Release Notes are published directly to Information Centers, and include links to the latest technotes and APARs.

You can also read PDF versions of the product release notes and installation guides directly from IBM Cognos product disks.

Accessibility features

Accessibility features help users who have a physical disability, such as restricted mobility or limited vision, to use information technology products. This product has accessibility features. For information on these features, see “Accessibility features,” on page 7.

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.
Chapter 2. Install Dynamic Query Analyzer

Use the following steps to install Dynamic Query Analyzer.

**Procedure**
1. Insert the disk or go to the location where you downloaded and extracted the installation files.
2. On the disk or in the download location, do one of the following:
   - If you are installing on Windows, go to the win32 directory, and double-click the issetup.exe file.
   - If you are installing on Linux, go to the linuxi38632 directory, and type ./issetup.
3. Follow the directions in the installation wizard.
   The default location is the same default location as other IBM Cognos Business Intelligence products. You can install Dynamic Query Analyzer to the same location as your other products or to a different location.

Create a virtual directory to access log files

You must create a virtual directory, or alias, on the IBM Cognos Business Intelligence server to allow Dynamic Query Analyzer to read query log files and workflow log files.

**About this task**

If you are only using Dynamic Query Analyzer to run the Aggregate Advisor, you do not need to create the virtual directory.

**Procedure**

Create a virtual directory named DQLogs that refers to the `<installation_location>/logs/XQE` location on the server.

- For Apache Web Server or IBM HTTP Server, the directory definition would look like the following example:

```
Alias /DQLogs "<installation_location>/logs/XQE"
<Directory "<installation_location>/logs/XQE">
  Order allow,deny
  Allow from all
  Options +Indexes
</Directory>
```

- For Microsoft Internet Information Services (IIS), enable the Read and Directory Browsing properties for the virtual directory.

Configuring Dynamic Query Analyzer on Windows computers

To configure Dynamic Query Analyzer on Windows computers, specify the location of the IBM Cognos Business Intelligence server that contains the reports that you want to analyze.
Procedure

1. From the Start menu, click Programs > IBM Cognos 10 > IBM Cognos Dynamic Query Analyzer.
2. Click Window > Preferences.
3. In the navigation pane, click Cognos Server.
4. If required, change the Dispatcher URI to point to the location and port of the IBM Cognos BI server where the Application Tier components are installed.
5. If required, change the Gateway URI to point to the location and port used by the web server.
6. If your IBM Cognos Business Intelligence is secured, enter your user name in the Name box and password in the Password box, and select an appropriate Namespace. If you changed server settings, click Refresh to get a list of namespaces for the server.
7. If you are using Dynamic Query Analyzer for query log file analysis, perform the following steps.
   a. In the navigation pane, click Logs.
   b. In the Logs directory URL box, enter the path to the virtual directory created in "Create a virtual directory to access log files" on page 3.
   c. If the Logs directory URL link is secured, enter the required user name in the Name box and password in the Password box.
8. 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.

Configuring Dynamic Query Analyzer on Linux operating systems

To configure Dynamic Query Analyzer on Linux operating systems, specify the location of the IBM Cognos Business Intelligence server that contains the reports that you want to analyze.

Procedure

1. Go to the directory where you installed Dynamic Query Analyzer, and go to the dqa/linux.gtk.x86/eclipse directory.
2. If you do not have a path to at least a version 5 Java on your computer, you must edit the DQA.ini file to add it.
   For example, add the following to your DQA.ini file:
   -vm ../../../bin/jre/5.0/bin
   Save and close the file.
3. In the dqa/linux.gtk.x86/eclipse directory, type ./DQA
   The Dynamic Query Analyzer starts.
4. Click Window > Preferences.
5. In the navigation pane, click Cognos Server.
6. If required, change the Dispatcher URI to point to the location and port of the IBM Cognos BI server where the Application Tier components are installed.
7. If required, change the **Gateway URI** to point to the location and port used by the web server.

8. If your IBM Cognos Business Intelligence is secured, enter your user name in the **Name** box and password in the **Password** box, and select an appropriate **Namespace**. If you changed server settings, click **Refresh** to get a list of namespaces for the server.

9. If you are using Dynamic Query Analyzer for query log file analysis, perform the following steps.
   a. In the navigation pane, click **Logs**.
   b. In the **Logs directory URL** box, enter the path to the virtual directory created in “Create a virtual directory to access log files” on page 3.
   c. If the **Logs directory URL** link is secured, enter the required user name in the **Name** box and password in the **Password** box.

10. 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.
Chapter 3. 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](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 Windows operating system.

*Table 1. List of keyboard shortcuts on a Windows operating system*

<table>
<thead>
<tr>
<th>To do this</th>
<th>Press</th>
</tr>
</thead>
<tbody>
<tr>
<td>Move to the next field on a page</td>
<td>Tab</td>
</tr>
<tr>
<td>Return to the previous field on a page</td>
<td>Shift+Tab</td>
</tr>
<tr>
<td>Close the installation wizard</td>
<td>Alt+F4</td>
</tr>
<tr>
<td>Move to the next configuration step</td>
<td>Alt+N</td>
</tr>
<tr>
<td>Return to the previous configuration step</td>
<td>Alt+B</td>
</tr>
<tr>
<td>Move to the next selection in a list</td>
<td>Down arrow</td>
</tr>
<tr>
<td>Move to the previous selection in a list</td>
<td>Up arrow</td>
</tr>
</tbody>
</table>

The following table lists the keyboard shortcuts you can use to perform some of the main tasks in the installation wizard on the UNIX or Linux operating system.

*Table 2. List of keyboard shortcuts on a UNIX or Linux operating system*

<table>
<thead>
<tr>
<th>To do this</th>
<th>Press</th>
</tr>
</thead>
<tbody>
<tr>
<td>Move to the next field on a page</td>
<td>Tab</td>
</tr>
<tr>
<td>Return to the previous field on a page</td>
<td>Shift+Tab</td>
</tr>
<tr>
<td>Close the installation wizard</td>
<td>Alt+F4</td>
</tr>
<tr>
<td>Move to the next selection in a list</td>
<td>Down arrow</td>
</tr>
<tr>
<td>Move to the previous selection in a list</td>
<td>Up arrow</td>
</tr>
</tbody>
</table>

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 3. List of keyboard shortcuts on the License Agreement page

<table>
<thead>
<tr>
<th>To do this</th>
<th>Press</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accept the license agreement</td>
<td>Alt+A</td>
</tr>
<tr>
<td>Decline the license agreement</td>
<td>Alt+D</td>
</tr>
<tr>
<td>Quit the installation wizard</td>
<td>Alt+x</td>
</tr>
</tbody>
</table>
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Index

A
accessibility features 7

C
configuring Dynamic Query Analyzer on Windows 4
configuring Dynamic Query Analyzer on Linux 4

D
Dynamic Query Analyzer
configuring on Windows 4

I
IBM Cognos Dynamic Query Analyzer 1
installing Dynamic Query Analyzer 3

K
keyboard shortcuts 7

S
set Java location on Linux 4
shortcut keys 7

V
virtual directory
creating 3