



BusinessObjects Enterprise XI 3.1 Deployment Diagnostic Tool User's Guide

BusinessObjects Enterprise XI 3.1

windows 

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Installing and Running the Deployment Diagnostic Tool



1

chapter

Overview

The Deployment Diagnostic Tool is a Java-based application designed to verify basic operating functionality of a BusinessObjects Enterprise XI installation. It is an open-framework utility that allows for the development of additional test drivers through the use of various SDKs provided by Business Objects.

Note:

This tool is intended only for deployment validation purposes; any other uses are not supported by Business Objects.

The Deployment Diagnostic Tool is installed automatically with BusinessObjects XI Enterprise.

The following software is required to use the Diagnostic Tool:

- JDK 1.5 (included with your BusinessObjects Enterprise installation)
- Business Objects Enterprise XI installation
- BusinessObjects SKD

Tests you can perform

The default tests for the Deployment Diagnostic Tool include:

Test	Description
"Log On/Off "	Tests logging on and off BusinessObjects Enterprise.
"InfoView Test "	Tests logging on and off through InfoView.
"Web Intelligence Tier "	Tests creating, viewing, and scheduling a simple Web Intelligence documents.
"Crystal Reports Tier "	Tests creating and scheduling a simple Crystal Reports document.
"Start/Stop Servers "	connects to a CMS and queries for all available servers associated with it, then proceeds to stop and start each one.

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To run diagnostic tests in Windows

1. Click **Start > Programs > BusinessObjects XI 3.1 > BusinessObjects Enterprise > Diagnostic Tool**.

The user logon screen appears.

2. In the **System** field, enter the hostname for the machine you want to connect to.

Information for the local machine will appear by default.

3. Enter your user name and password and select the appropriate authentication type, then click **Logon**.

If you are authenticated, the main application screen appears.

The top pane of the tool contains a list of the test drivers that have been loaded into memory. This list is determined by the contents of the configuration file. By default all listed tests will be selected.

The bottom pane is the console output and provides status updates while the tests are running. These updates remain on the pane after the tests are complete, but will be lost when you close the Diagnostic Tool window.

4. If you want to run a specific test or set of tests, de-select the tests you do not want to run by clicking the checkbox next to the test.
5. To run a test, click **Test** > **Run All Tests**.

The tests are performed in the sequence that they appear in the "test drivers" pane, and a status update is provided in the console pane.

Note:

Some tests may take several minutes.

Upon completion of the diagnostic, the console reads 'Finished Testing' and provides a file path to the results log file (by default, log files are stored in *BusinessObjects_Root\common\4.0\java\lib\log\TestResults.xml*). All test drivers will conclude with either a 'pass' or a 'fail' status. Double-click the result to view further details. These details are also recorded in the log file.

To view the log file, either go to the location specified in the console pane, or select the **View** menu and then select **Log File**.

To run Diagnostic Test from Command Line

1. Open your command line interface.
2. Enter the following command:

```
"C:\Program Files\Business Objects\javasdk\jre\bin\java.exe" -jar diagnosticTool.jar -console -user UserName -password Your Password -system SystemName -authtype AuthType
```

Note:

This assumes you installed BusinessObjects Enterprise to the default location. If you installed to a different folder, you will need to update the file path with your custom information.

The Diagnostic Tool launches.

Once the tool has finished running, you can view the log file for the results of the test. By default, this file is stored in *BusinessObjects_root\common\4.0\java\lib\log\TestResults.xml*

Example:

The following command launches the tool, opens a login dialog box, opens the tool interface in a window, and overrides the default configuration file and log file with the ones presented.

```
'java -jar diagnosticTool.jar -gui
-configfile 'c:\temp\config.xml' -logfile
'c:\log\log.xml'
```

Note:

If you want to bypass the login screen, you can uncomment the xml tags in the configuration file and fill in the necessary authentication tags, as shown below.

```
<authentication>
<user>administrator</user>
<password> </password>
<system>TestBOESystem</system>
<authtype>Enterprise</authtype>
</authentication>
```

Launching in CONSOLE mode

The following command launches the tool, automatically logs in with the credentials supplied, uses the default configuration file and log file, and automatically runs the test case.

```
'java -jar
-diagnosticTool.jar -console
-user Administrator -password 'Password'
-system TestBOESystem -authtype Enterprise'
```

Deployment Diagnostic Tool parameters

Table 1-3: Deployment Diagnostic Tool command line parameters

Parameter	Description
gui	Runs the application in graphical mode
console	Runs the application in console mode

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Tests you can perform

Parameter	Description
run	Launches and runs the test drivers immediately. Default behavior is to have the user manually initiate the tests.
configfile	Specifies the absolute or relative path to the configuration xml file which tells the tool what test drivers to run (optional).
logfile	Specifies the absolute or relative path to the results xml log file (optional).
user	Required if the tool is run in console mode. This is the BusinessObjects Enterprise user name that the tool uses to log in and it should have administrative rights.
password	Required if the tool is run in console mode. This is the BusinessObjects Enterprise user password.
system	Required if the tool is run in console mode. This is the machine name followed by the port number for the CMS the tool will connect to (e.g. CMSserver:6400). An IP address can be used in place of the machine name.
authtype	Required if the tool is run in console mode. This is the authentication method used to connect the tool to BusinessObjects Enterprise. Possible values: <ul style="list-style-type: none">• Enterprise• LDAP• WinAD• WindowsNT



Deployment Diagnostic Tool settings



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chapter



Configuration files

Configuration files are used to determine which tests to run, the order in which to run them, and any parameters for those tests.

By default, these files are located in the `c:\Program Files\Business Objects\common\4.0\java\lib` directory.

Note:

This assumes you installed BusinessObjects Enterprise to the default location. If you installed to a different folder, you will need to update the file path with your custom information.

To select configuration files

1. Click **Test > Set Config File**.

A file dialog appears. The default XML file `TestClasses.xml` is currently selected.

2. Navigate to the XML file you want to set and select it.
3. Click **Open**, then click **OK**.

This will set the configuration XML for the tool.

Log files

Log files provide a permanent record of the results of the tests run by the Deployment Diagnostic Tool.

By default the files are stored in `C:\Program Files\Business Objects\common\4.0\java\lib\log\TestResults.xml`.

Note:

This assumes you installed BusinessObjects Enterprise to the default location. If you installed to a different folder, you will need to update the file path with your custom information.

To set a custom log file location

1. Click **Test > Set Log File**.
A file dialog will appear.
 2. Browse to the location where you want to store the log file.
 3. Type a name for the log file, and click **Open**.
- Log files for tests will now appear in the directory you selected.



Get More Help





appendix

Online documentation library

Business Objects offers a full documentation set covering all products and their deployment. The online documentation library has the most up-to-date version of the Business Objects product documentation. You can browse the library contents, do full-text searches, read guides on line, and download PDF versions. The library is updated regularly with new content as it becomes available.

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