

dbIndexer Getting Started - Version 2.0.12

This Getting Started Guide provides you with a test scenario that should acquaint you with the features of dbIndexer. By following each of the steps in this Guide you should be able to create a searchable dtSearch index complete with custom fields. This is but one hypothetical example of how dbIndexer can be deployed. Feel free to contact us at support@cybergroup.com if you'd like to discuss your database searching project.

Create a directory called `C:\dbIndexer_test`. Unzip the accompanying zip file, `test_scenarios.zip` into the directory on your C: drive named 'dbIndexer_test..

When you unzip the files you will have two folders created beneath the `c:\dbIndexer_test` directory:

- 1) `c:\dbIndexer_test\database` – this folder contains a MS Access database in Access 97 format with one table – Suppliers. In the test scenario we'd like to be able to index a memo field in the database labeled 'TextComments'.
- 2) A second folder named `c:\dbIndexer_test\index`. The 'index' folder will eventually contain the index dbIndexer generates.

Installation

Extract the 'dbIndexer_setup.msi' file from the zip file, `dbIndexer_setup.zip` to a temporary directory (e.g., `C:\temp`).

Run 'dbIndexer_setup.msi' to install dbIndexer on your server.

Licensing Procedure (to be done after you purchase a license for the product)

You may run dbIndexer without a license and enjoy the product's full functionality but the number of records indexed will be limited to 30.

Once you license dbIndexer you are entitled to run it on one server. A special code identifies your computer, which Cybergroup uses to generate your License Key.

To get a license key for dbIndexer, run dbIndexer and from the file menu select 'Register'. You will see a screen similar to Figure 1.

If you are simply evaluating dbIndexer skip this step and proceed to 'Running dbIndexer', on page 3.



Figure 1

Email the string that you see in the box titled "Send the following..." to support@cybergroup.com along with your company name.

Cybergroup will email you a License Key, which you will enter as shown in Figure 2 below:



Figure 2

Running dbIndexer

From the Start/Programs menu select 'Cybergroup' and 'dbindexer'. The first step is to select the database you wish to index. Click on 'Open Connection String Wizard' (see Figure 3).

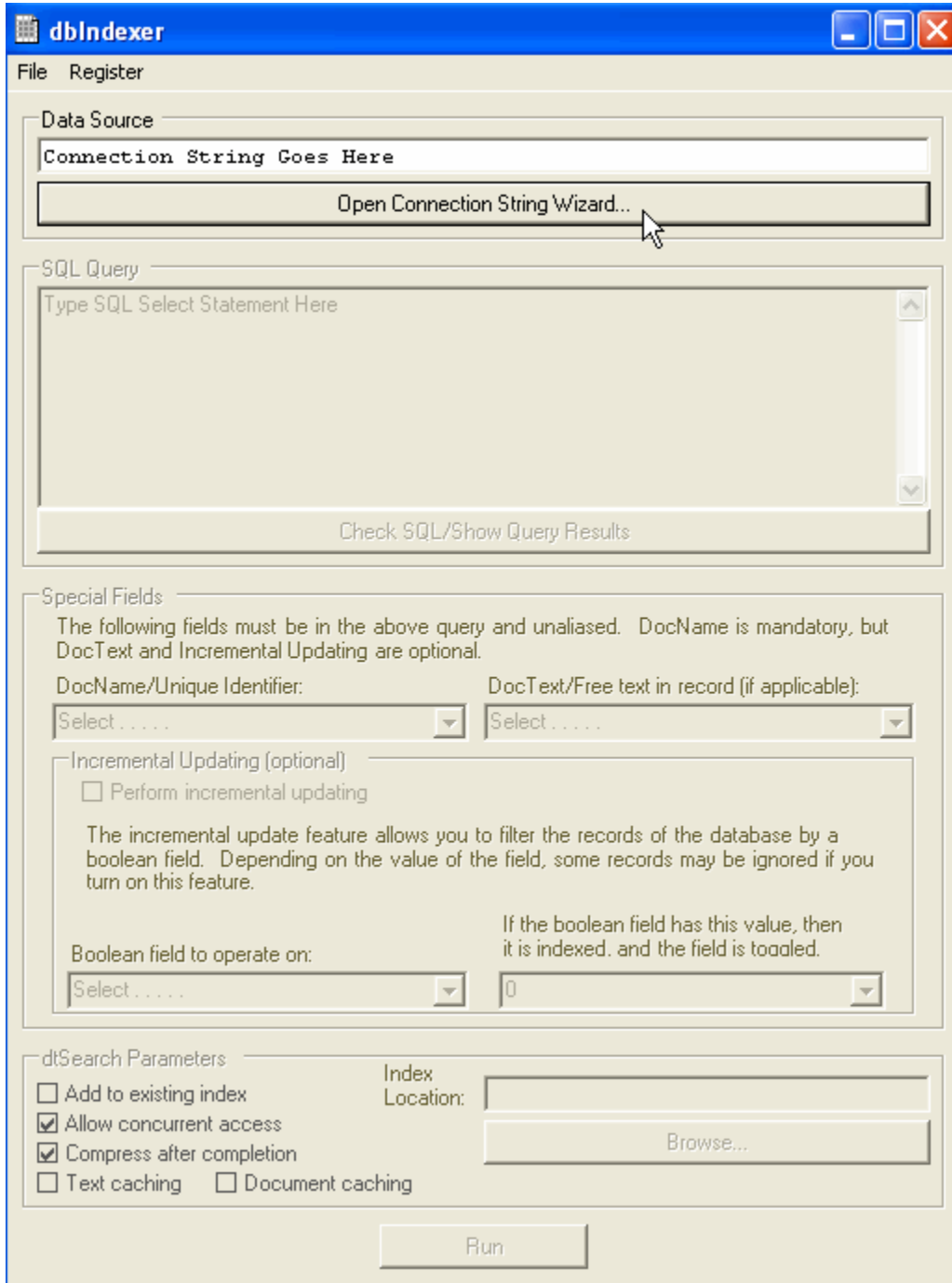


Figure 3

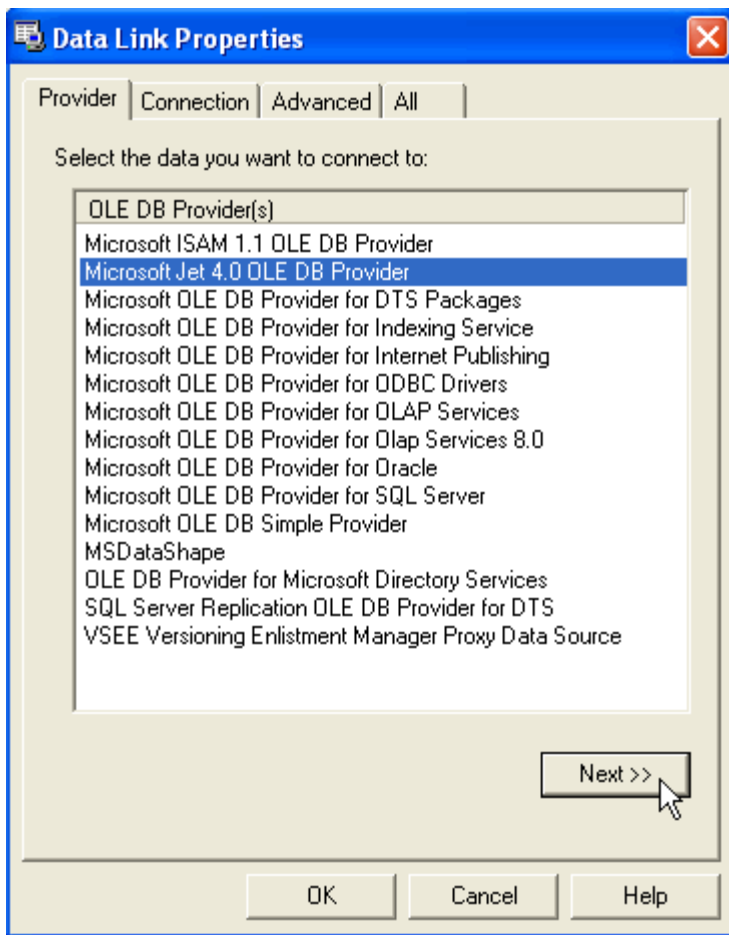


Figure 4

Select the appropriate OLE DB Provider (Figure 4) that you wish to use to connect to your database. Next, you will need to browse your file system to locate your database (Figure 5).

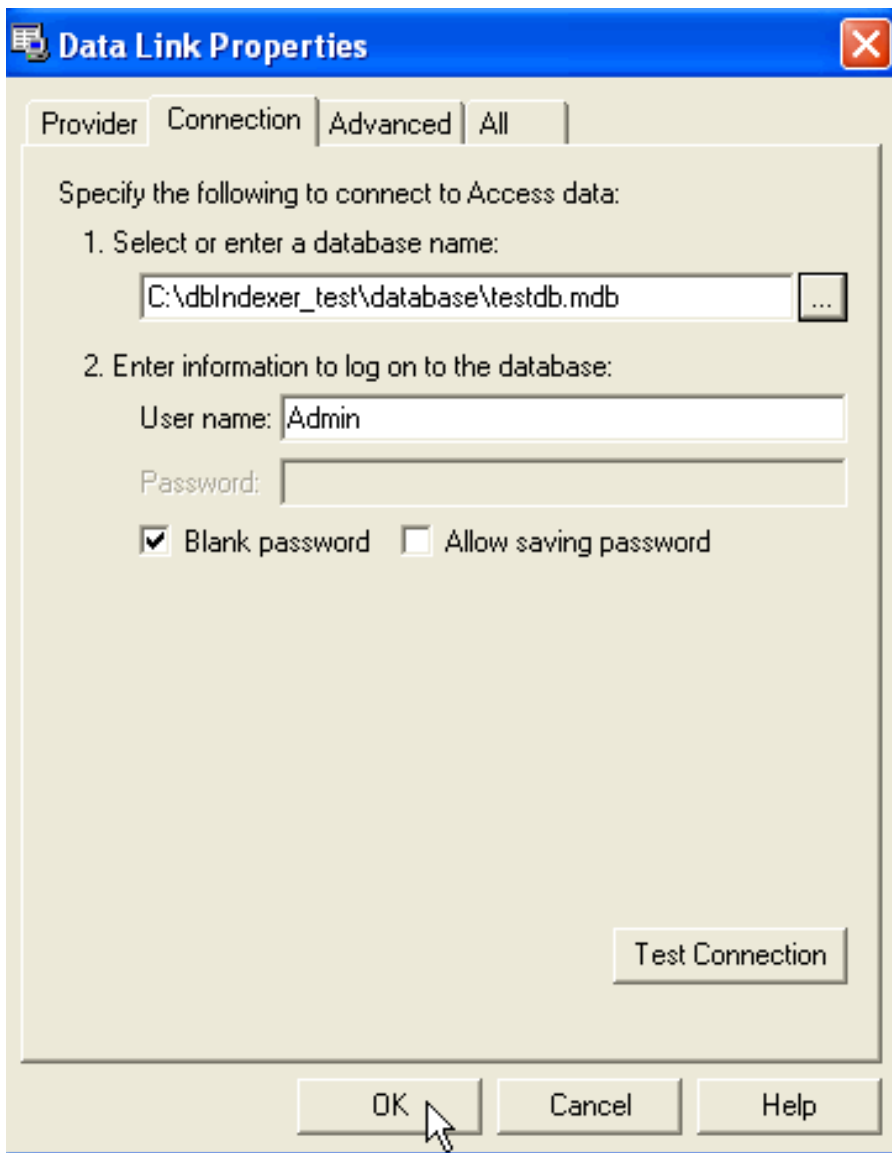


Figure 5

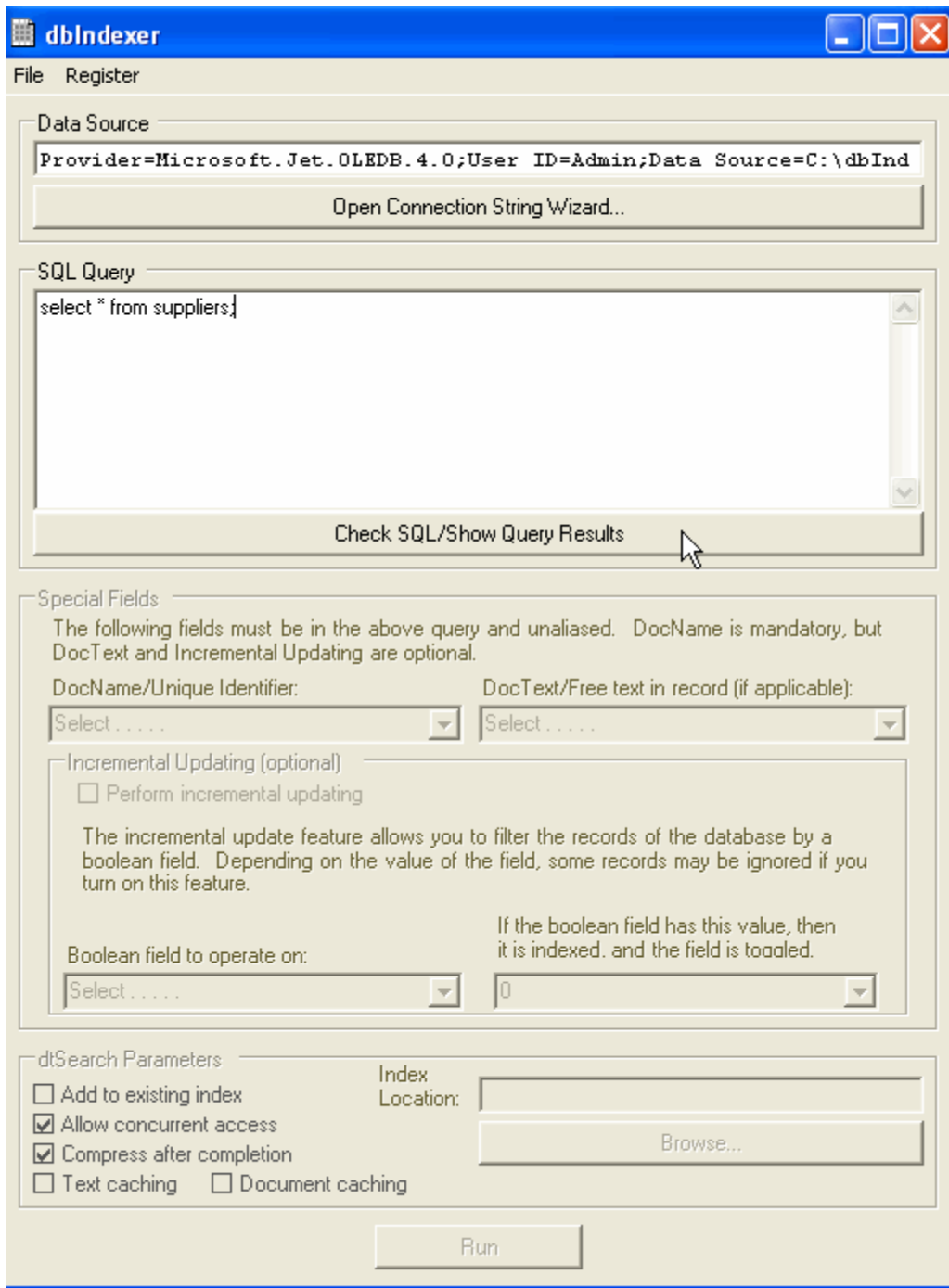


Figure 6

You will need to provide a SQL query to identify the columns and data to be indexed. You may type or paste your query into the box labeled 'SQL Query'. (Figure 6)

Once you have entered your query, click on 'Check SQL/Show Query Results' button. The results will be displayed. (Figure 7)

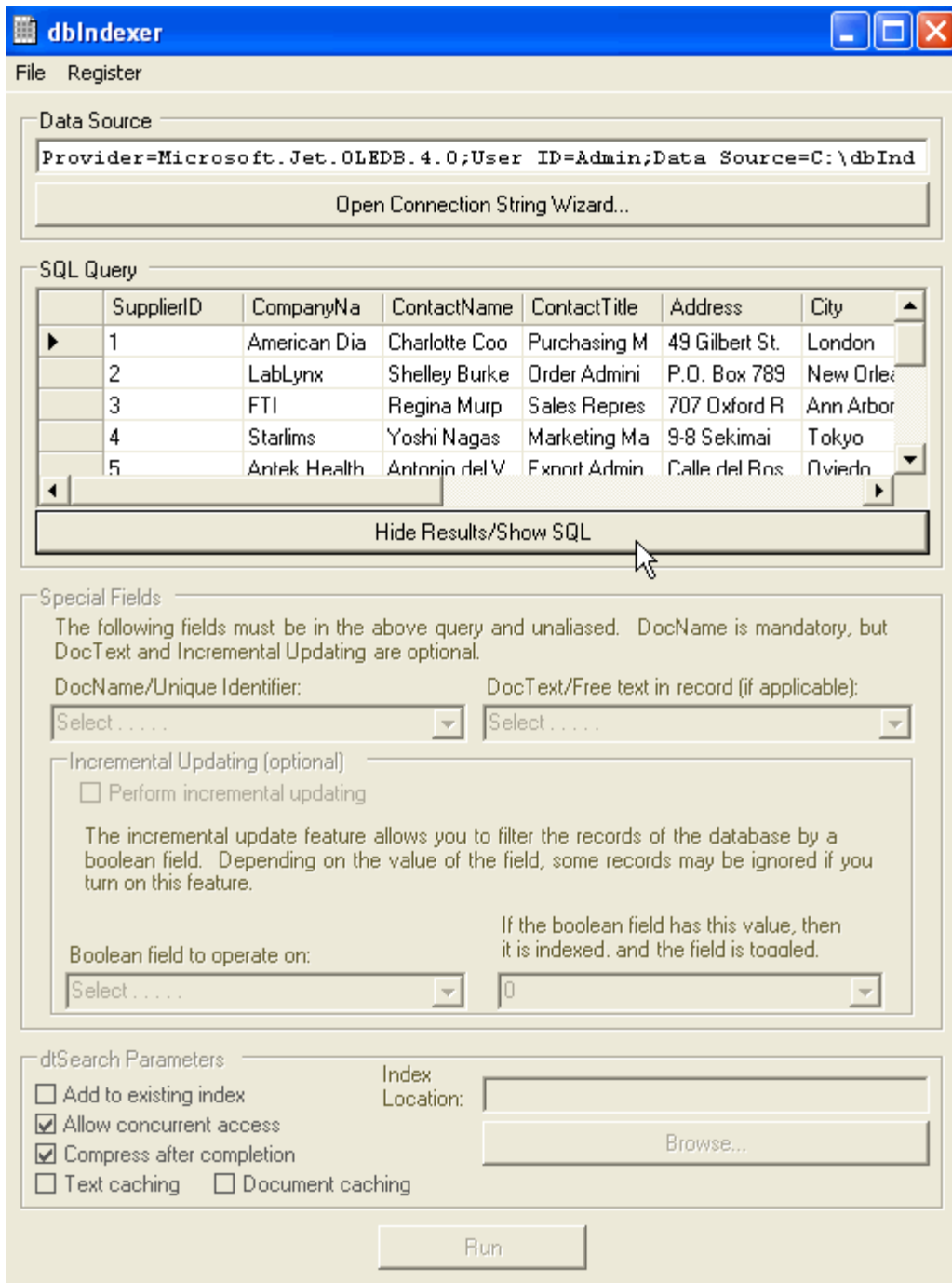


Figure 7

Once you have seen satisfactory results click the 'Hide Results/Show SQL' button to proceed.

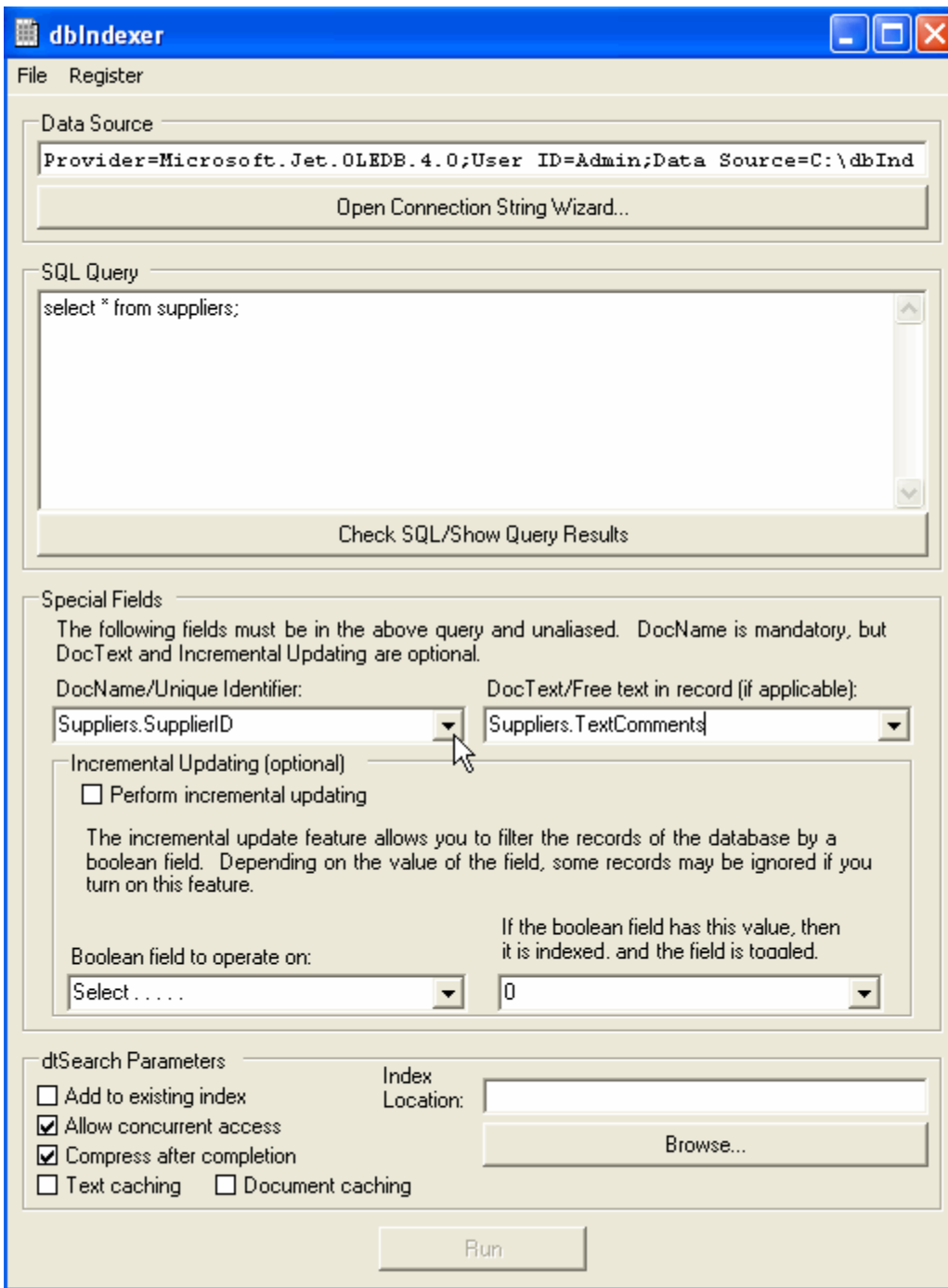


Figure 8

You will need to identify your 'Special Fields' for the index. In our test scenario we'll select 'SupplierID' from the DocName/Unique Identifier drop-down menu and we will choose 'TextComments' from the DocText/Free text in record menu. (Figure 8)

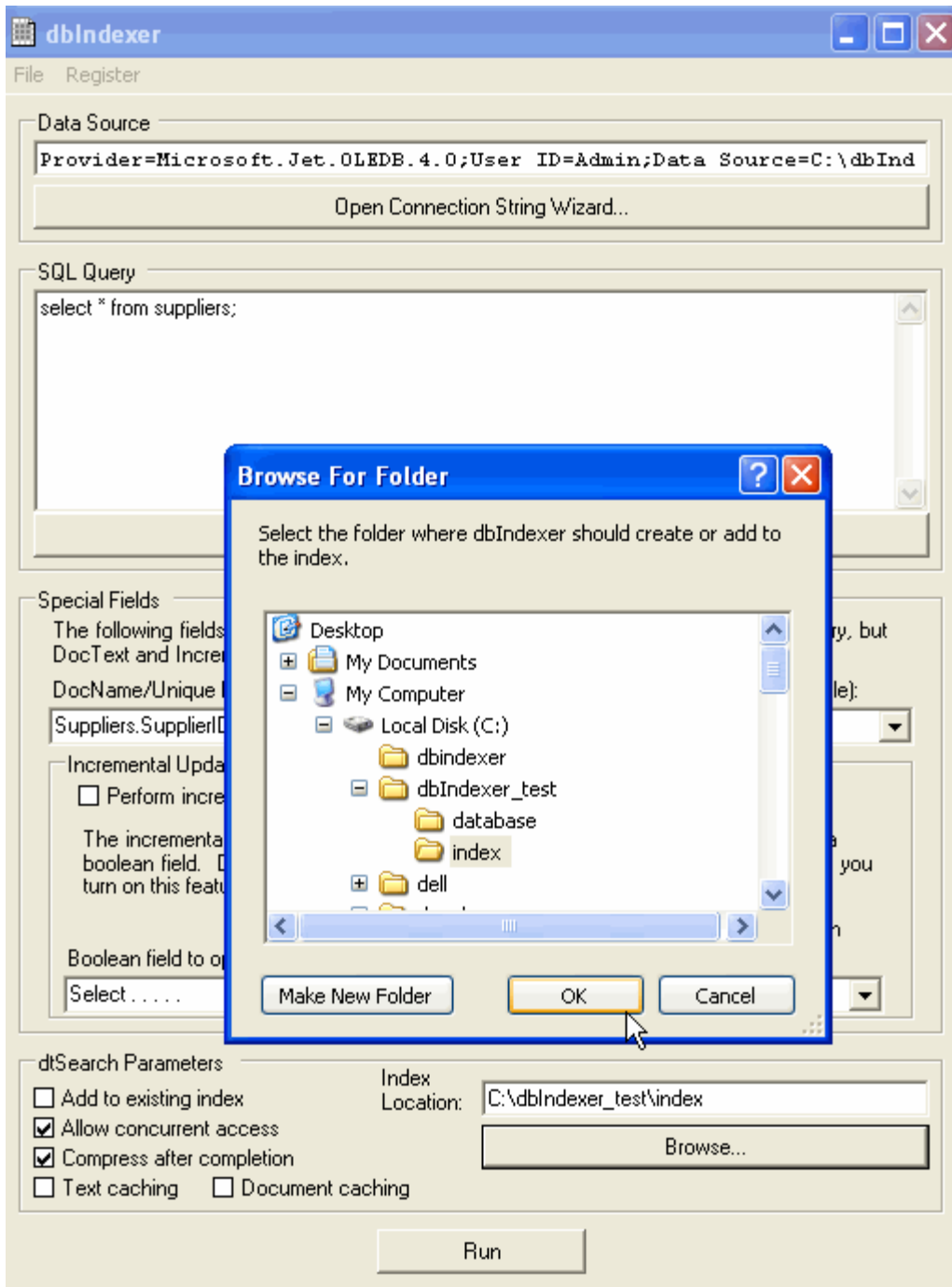


Figure 9

Now you will need to identify the location where you want your index generated. You may enter the path or click 'Browse...' to find the index. (Figure 9)

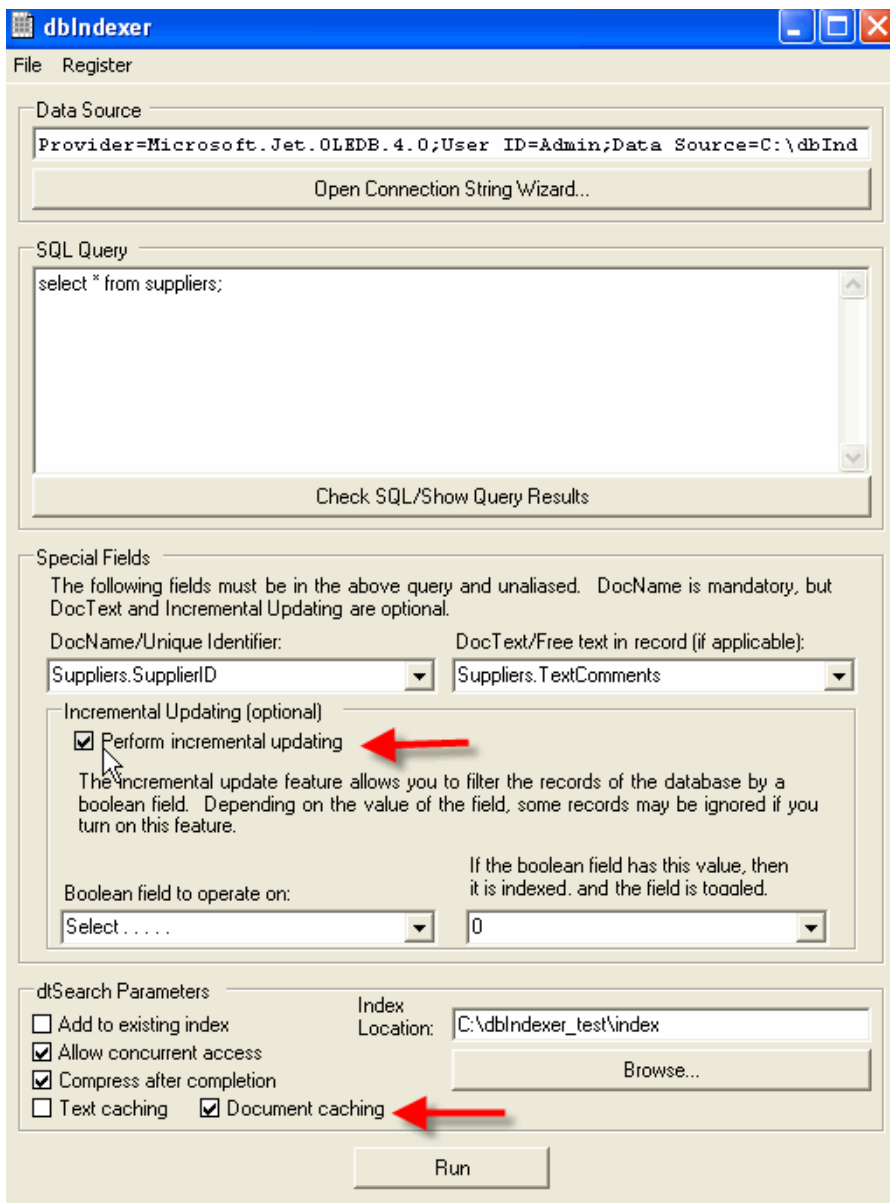


Figure 10

Optional Incremental Updating: You may wish to take advantage of dbIndexer's incremental updating feature. Rather than regenerate the entire dtSearch index each time, you may wish to only update the index with database records that have changed or are new to the database. Incremental updating allows you to identify a column in the database (Boolean or integer) that indicates whether the product is changed or new. Select the 'Boolean field to operate on:' and then indicate in the field titled 'If the Boolean field has value..' choose 0 or 1. This will indicate that you want this record to be part of the incremental update (i.e. it has been changed or is a new record). Once dbIndexer processes the record, it will toggle the value (e.g., change it from 0 to 1). (Figure 10)

Optional Document Caching: If you want to include the text of the document in your later results, check the box for 'Document caching'. (Figure 10)

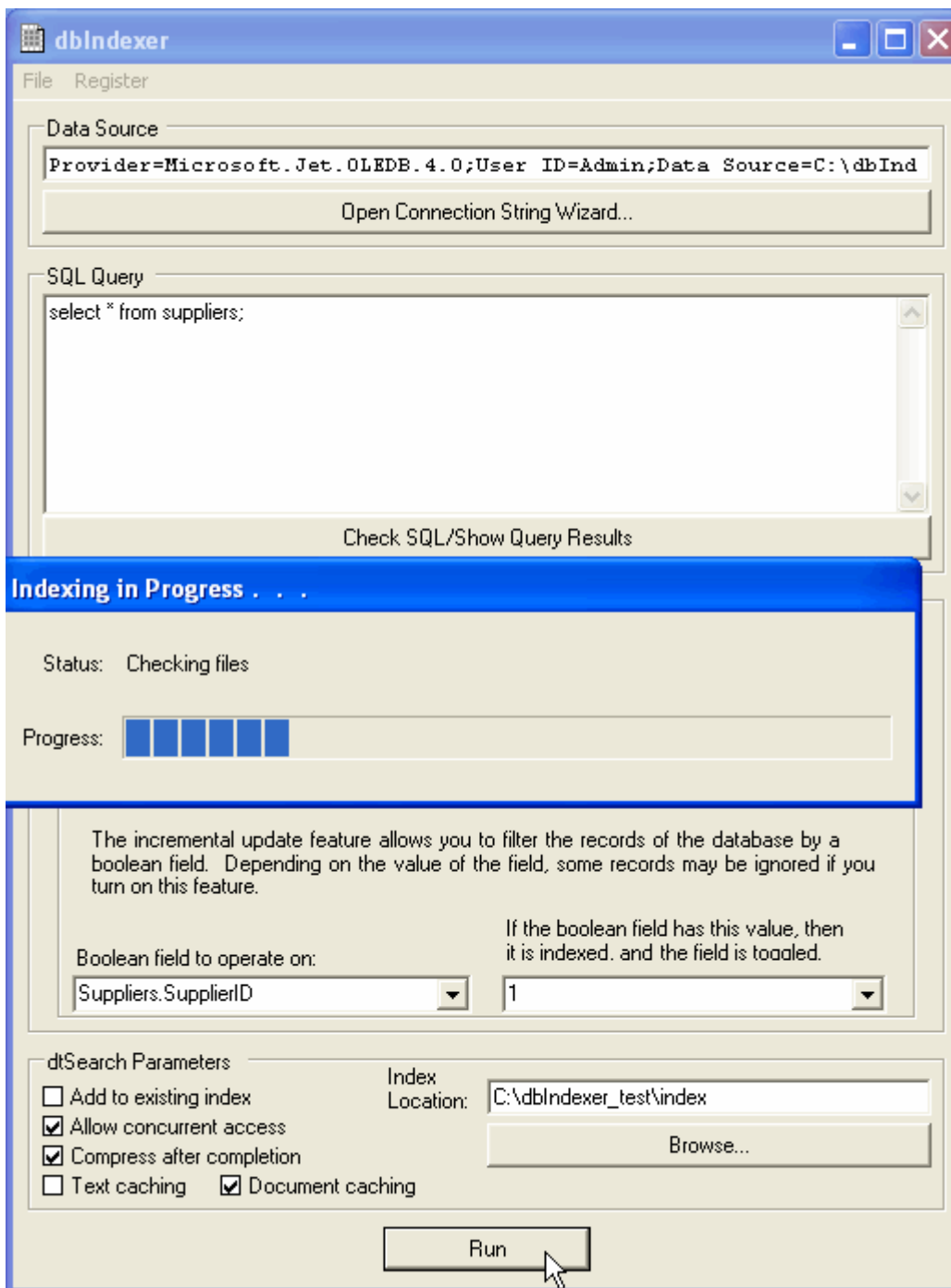


Figure 11

When you are ready to create the index, simply click 'Run'. (Figure 11)

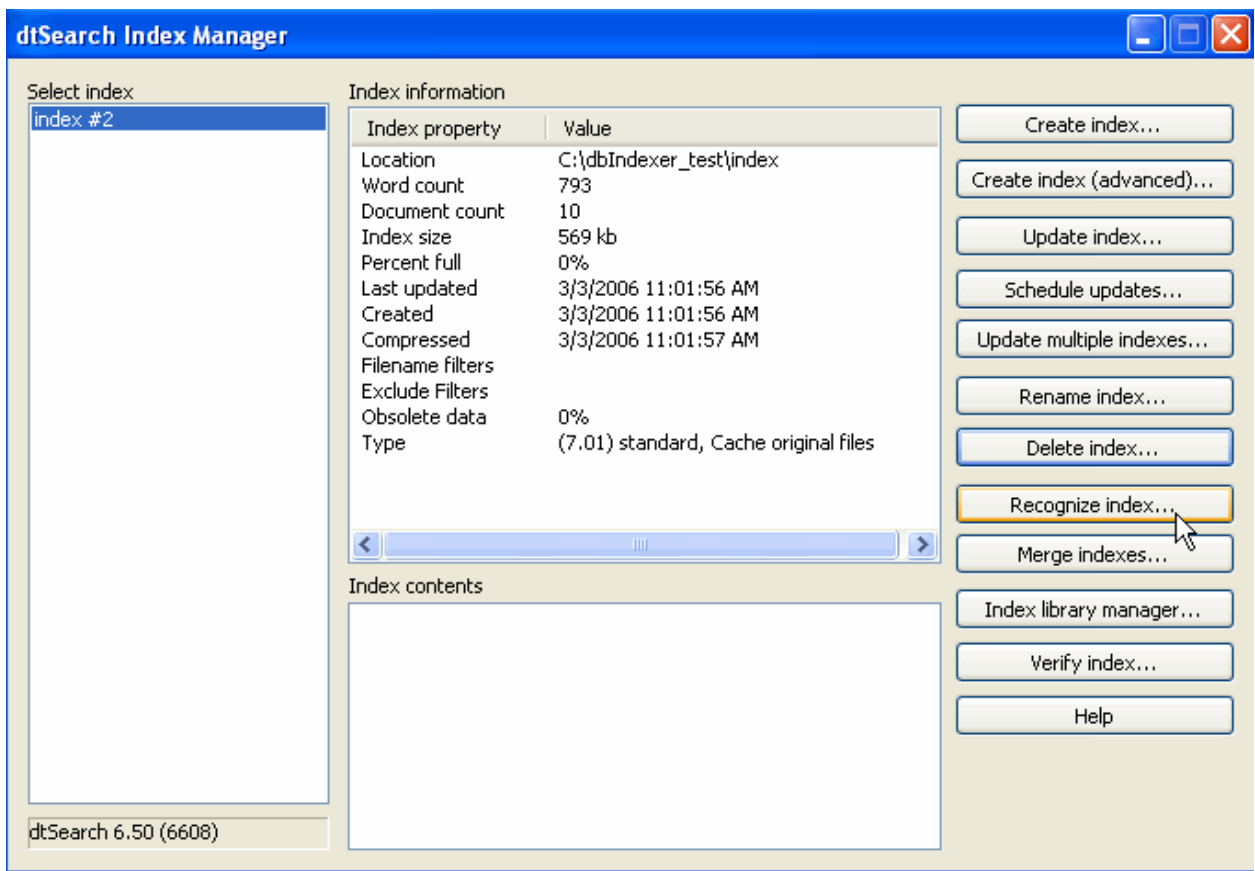


Figure 12

Now your index is created! To check the contents of the index go to Start>Programs and run dtSearch Desktop.

The first thing you'll need to do is recognize the index with the index manager. From dtSearch Desktop's file menu choose 'index', then 'index manager'. Now click 'Recognize index...'. (Figure 12)

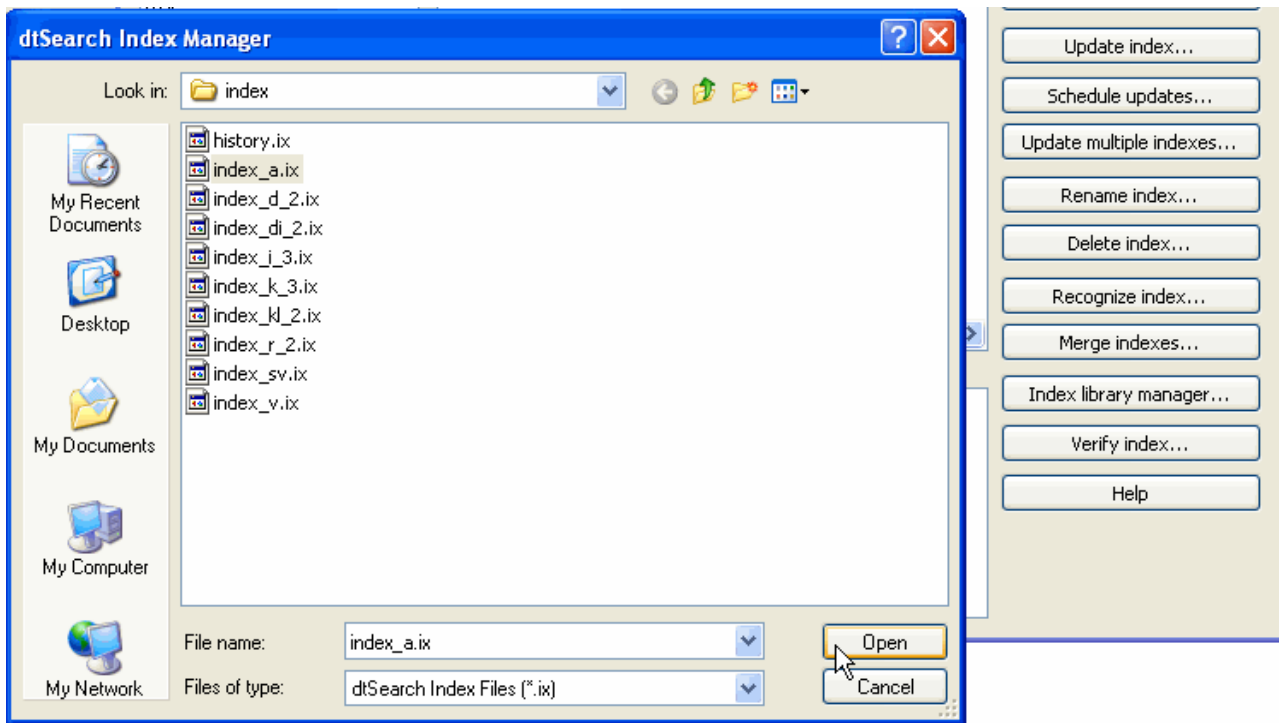


Figure 13

Select the file named 'index_a.ix' and click 'Open'. (Figure 13)

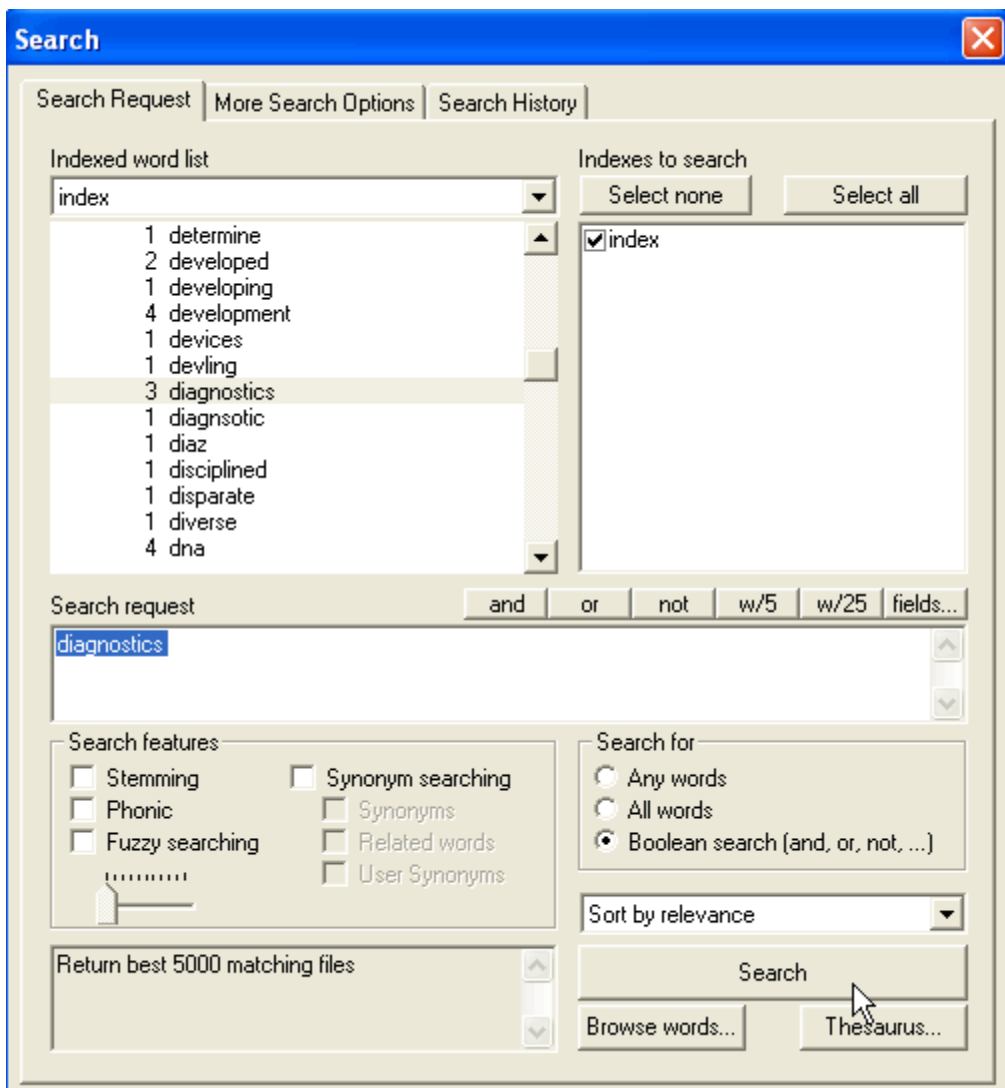


Figure 14

Next, go to the dtSearch Desktop 'Search' menu item. Search for 'diagnostics'. (Figure 14)

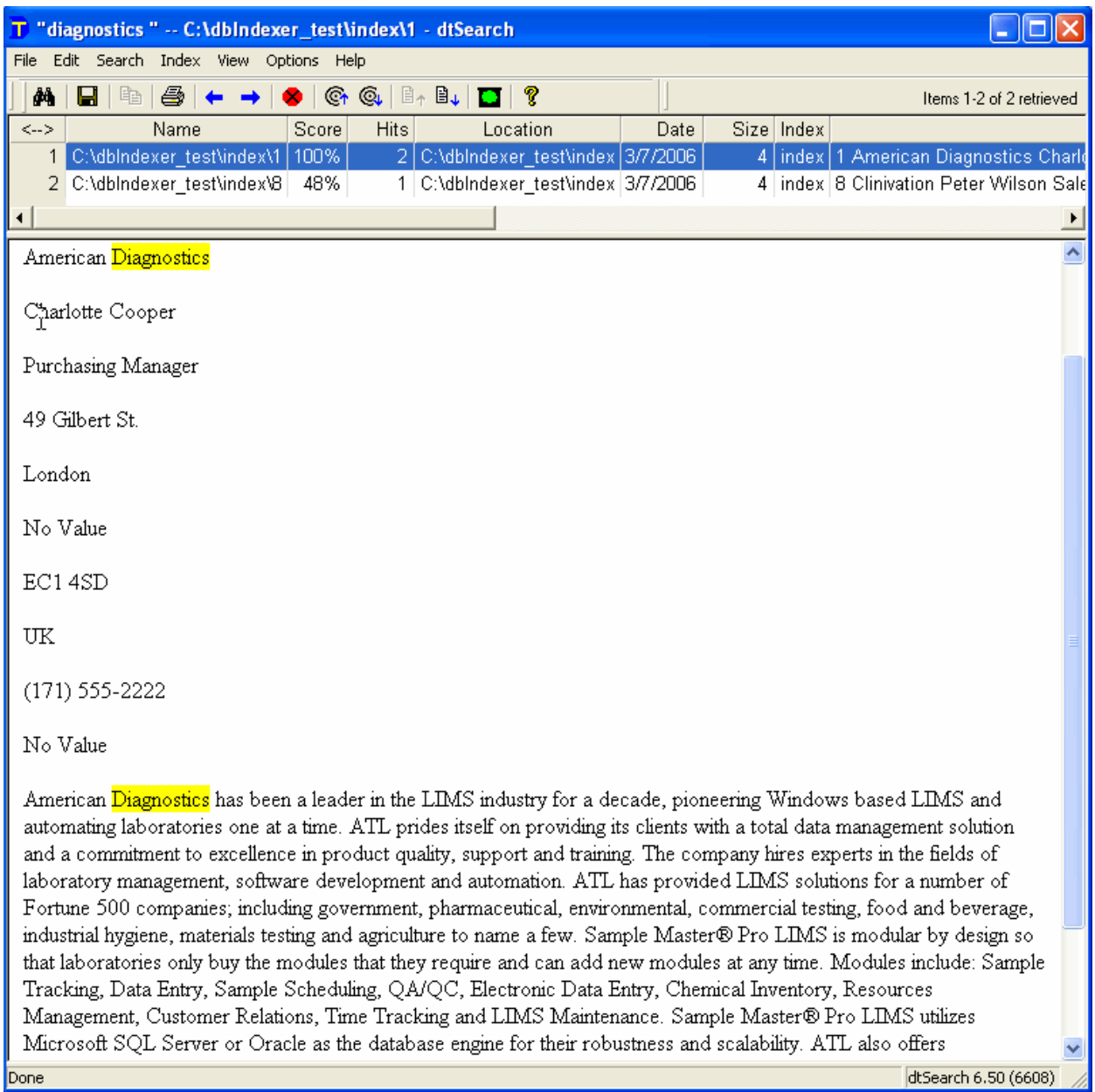


Figure 15

Figure 15 shows the results of the search and the fields that you indexed: Company Name, Supplier ID, and Text Comments.

Now you are ready to access the index by building your custom web search application or you may continue to search using dtSearch Desktop.