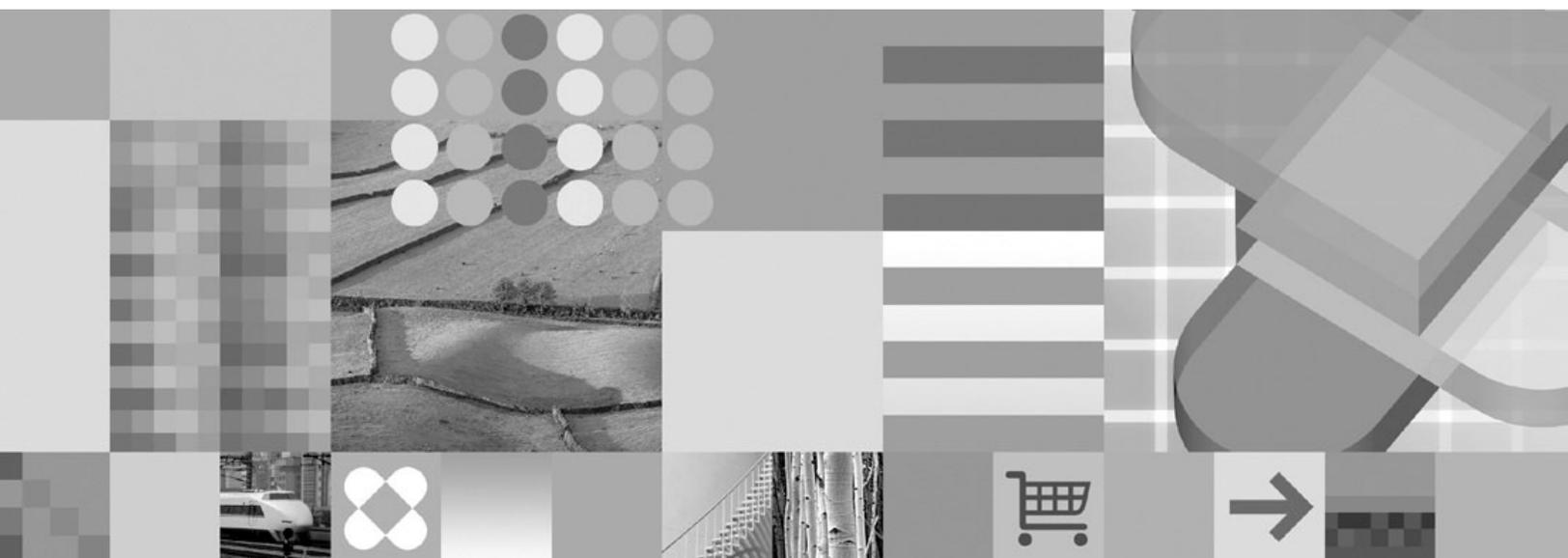


DB2®

IBM

DB2 Version 9.1 Net Search Extender
for Linux, UNIX, and Windows



Release Notes

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About the Release Notes

The Release Notes contain information about known problems and documentation updates in DB2[®] Net Search Extender. Known problems include:

- Information about temporary limitations, problems, and solutions related to installing the product or using particular product features.
- Information about incompatibilities between the current version of DB2 Net Search Extender and prior versions.

Documentation updates include late-breaking additions or corrections to product documentation.

These Release Notes cover the following product offerings:

DB2 Information Center:

The primary source of DB2 product documentation is the DB2 Information Center. You can find this online at <http://publib.boulder.ibm.com/infocenter/db2help/index.jsp>.

Alternatively, you can install a local copy of the DB2 Information Center which is included with the product as a separately installable image. If you install a local copy, you should download the latest update. The documentation provided on the CD is a preliminary, incomplete version. Updating your Information Center also adds capabilities that improve searches for DB2 message information.

Topics related to installation and troubleshooting:

The list below highlights topics in the DB2 Information Center of particular interest for product installation.

- The *What's New* topics describe changes introduced in this version. Particularly relevant to product installation and troubleshooting are the topics on product packaging, terminology, and changed, deprecated, and discontinued functionality. These topics are available in the DB2 Information Center section entitled *Product Overviews*.
- The topics in the *Installing* section of the DB2 Information Center provide information on prerequisites. However, for the most up-to-date prerequisite information, see <http://www.ibm.com/software/data/db2/udb/sysreqs.html>.
- The topics in the *Migrating* section of the DB2 Information Center provide information on migrating to DB2 Version 9.

In addition, support and troubleshooting assistance is available on the DB2 Support Web site. This site includes technotes and service flashes that describe changes to the documentation and information about known limitations discovered after the creation of the Release Notes. The DB2 Support Web site address is <http://www.ibm.com/software/data/db2/udb/support.html>.

Convention for displaying directory paths in Release Notes:

Windows[®] systems use backslashes (\) to delimit directories in a directory path. Linux[®] and UNIX[®] systems use forward slashes (/) as delimiters. The Release Notes follows these convention when the information is platform specific.

However, when the information is platform independent, the Release Notes use the Windows convention, so if you are running on a Linux or UNIX system, you must enter directory paths differently than shown.

Part 1. Known problems

The *Known problems* section includes problems and solutions related to:

- Temporary limitations and problems related to installing the product or using particular product features.
- Incompatibilities between the current version of DB2 Net Search Extender and prior versions.

Some known problems state that a particular usage of a feature is not supported or that a particular action might result in problems. In these cases, attempts to use the feature might fail or the results might be useless or harmful.

Chapter 1. Migrating a DB2 instance on UNIX

Problem:

After you have migrated a DB2 instance from DB2 Version 8 to DB2 Version 9 on any UNIX platforms, some files still remain in a temporary migration directory.

Solution:

Use the provided Net Search Extender migration script to move these files back into the correct directory. Login as a root user and run the script

```
db2extimigr [-h|-?] InstanceName
```

which you will find in the directory /<DB2_Install_Directory>/instance.

Chapter 2. Using newline characters in a query string

Problem:

A query syntax error occurs if you use a newline character within the search string.

Solution:

Avoid using newline characters in the text search parameter because this will result in a query syntax error.

Part 2. Documentation updates

Several topics were revised after the documentation was translated.

Chapter 3. Creating an index

In the CREATE INDEX command description, the following sentence is missing in the section that deals with creating an index on a table.

DB2 Net Search Extender does not support creating an index on a table if the index was created with data partitioning. This will result in following error:
CTE0135 The object "schemaname"."tablename" does not exist.

Chapter 4. Updating and reorganizing a text index

In the section on updating and reorganizing a text index, the example that illustrates a deadlock situation is incorrect. It should read: For example, 100 indexes with their update frequency set to every 5 minutes, 24 hours a day, and 7 days a week, generates an internal list of $100 \times 12 \times 24 \times 7 = 201600$ checkpoints in a week that must be administered.

Chapter 5. Text search engine configuration

In the section on text search configuration settings, the following sentence is missing in the `AdditionalAlphanumericCharacters` description.

You are not allowed to use the wildcard characters `%` and `_` in the list of characters that are treated as being part of a word. This results in problems during query execution.

Chapter 6. Function parameter options for the SQL highlight function

In the DB2EXT.HIGHLIGHT function description section, the SECTIONS = ("section-name1", ..., "section-nameN") option used in the SQL highlight function DB2EXT.HIGHLIGHT must be the same as is set for the DB2EXT.TEXTSEARCH table function.

Chapter 7. Index build configuration parameter

The CREATE INDEX configuration parameter IGNOREEMPTYDOCS is missing in the table of configuration parameters in the CREATE INDEX command description section. If IGNOREEMPTYDOCS is set to 1, empty documents (with content length 0, or a null value) are not represented in the index. If this option is used, and the document content is null (empty), the next incremental update will delete the documents from the index.

Chapter 8. Migration

The following migration script description is missing in the chapter on migration.

After you have migrated a DB2 instance from DB2 Version 8 to DB2 Version 9 on any UNIX platforms, some files still remain in a temporary migration directory.

Use the provided Net Search Extender migration script to move these files back into the correct directory. Login as a root user and run the script `db2extimigr [-h|-?] InstanceName` which you will find in the directory `/<DB2_Install_Directory>/instance`.

Part 3. Hints and tips

Chapter 9. Indexing XML documents

If XML documents are indexed that are not well-formed, the indexing process will stop at the point where the problem is encountered in the document. This means that only a part of the document will be indexed. If you do not correct the document, you will only be able to search in the parts of the document that were indexed. This will only occur if your table column type is not XML.

Chapter 10. Migrating on Windows

After you migrate on Windows, the text indexes that were created under the install directory and the configuration files will all still remain in the former installation directory. Do not delete this installation directory if you want to carry on working with your text indexes.

Chapter 11. Migrating DB2 instances

If you are migrating from a 32-bit DB2 Version 8 instance to a 64-bit DB2 Version 9 instance, you cannot migrate your indexes as described in the documentation. This results in an error (with reason code 17) from the search engine. You must drop and recreate the text indexes.

Appendix A. Contacting IBM

To contact IBM® in your country or region, check the IBM Directory of Worldwide Contacts at <http://www.ibm.com/planetwide>

To learn more about DB2 products, go to <http://www.ibm.com/software/data/db2/>.

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