



Unicenter® DBA Release 5.4

Unicenter® DBA is a cost-effective, cross-platform database administrative tool that enables organizations to increase database administrator (DBA) productivity of day-to-day database administration tasks. This product supports multiple relational database management systems (RDBMSs) and platforms, automating tasks such as database alterations, migrations and comparisons.

Key Features at a Glance

- **Heterogeneous Database Management in a Single Product**
- **Oracle, DB2 for Linux, UNIX, Windows, DB2 for z/OS and Sybase Support**
- **Centralized Database Management Console Included**
- **Tools Launched in Context**
- **Database Comparison and Synchronization Functionality**
- **Multiple Options for Object Migration**
- **Drag-and-Drop and Extended Object Alterations**
- **Find and Replace for Object Changes**
- **Import and Export to Quickly Move Object Data**
- **Centralized Security Management Capability**
- **Disk Fragmentation Identified**
- **Query Wizard for Easy Table Data Changes**

What's New

- **Expanded Release Support for Oracle, DB2 for Linux, UNIX, Windows and Sybase**



Computer Associates®

Managing Complex Heterogeneous Database Environments

For many enterprises, the size and complexity of their databases have increased significantly. As businesses like yours continue to look for ways to improve the efficiency and productivity of their IT staffs, DBAs are being asked to manage more databases located on more platforms. With data residing in numerous locations on a variety of servers, it is important that today's DBAs be equipped with tools to centrally manage heterogeneous databases located on both distributed and mainframe platforms.

Database administration can be a mundane, time-consuming and error-prone process with little margin for error. DBAs must maintain their database environments accurately and effectively with minimal impact to availability and performance.

Enhance Productivity With Centralized Database Management

Unicenter DBA from Computer Associates International, Inc. (CA) enables DBAs to access multiple database types and platforms from a centralized database management console. The console's interface gives different RDBMSs a common look-and-feel. This shortens the learning curve involved in managing one or more multiplatform databases, increases productivity, and

provides flexibility and control in managing the database environment.

This product's context-sensitive user interface enables DBAs to automate their daily administrative tasks. It also makes them more efficient when performing labor-intensive tasks such as object creation, alteration, migration, comparison, synchronization and security management.

Distinctive Features and Functionalities

Heterogeneous Database Support.

Unicenter DBA supports databases from multiple vendors on multiple platforms via a single product, eliminating the need to install, learn and invest in multiple tools specific to each database type.

- **Licensed Per User.** Only a single licensed copy of Unicenter DBA is required for each user. Each copy supports multiple database types on a variety of platforms.
- **Databases Supported.** Oracle; DB2 UDB for Linux, UNIX and Windows; DB2 for z/OS and Sybase.
- **Server Discovery.** Unicenter DBA automatically discovers all available database servers, minimizing the effects of server configuration errors.

Central Console. All Unicenter® Database Management tools that run on distributed platforms can be launched from a database



console. This increases productivity and provides flexibility and control in managing the database environment (see Figure 1).

- **Windows-Based Console.** This GUI console provides easy-to-use, “point-and-click” navigation to view events quickly and manage the enterprise environment from a centralized location.
- **Launch in Context.** The console provides a “launch in context” capability that takes users directly to the problem resource to take corrective action. This eliminates the need to launch point products.

Compare and Synchronize Databases.

Unicenter DBA makes it easy to compare two databases of the same server type.

- **Comparison Report.** Documents results and indicates whether each object in the destination database is the same or different from the object in the source database.
- **Synchronization Script.** Generated script contains the necessary SQL to update the destination database to match the source database.

Object Alterations. Unicenter DBA provides flexible object alteration choices so DBAs can choose the best process for completing database object changes.

- **Find and Replace.** This capability searches the entire database for an occurrence of any specified search parameter and provides the option to replace a located value with a new one.
- **DDL Extraction.** Unicenter DBA allows users to extract DDL statements either for an entire database or for selected objects. The extracted DDL can be saved to a file for later alteration or execution.
- **Extended Object Alterations.** Unicenter DBA handles the necessary steps to complete object alterations that go beyond the scope of the SQL language or native tools offered by database vendors, such as the ability to alter and add a new column anywhere in an existing populated table.

Object Migration. Unicenter DBA simplifies object migration by providing options that make this process easier and faster.

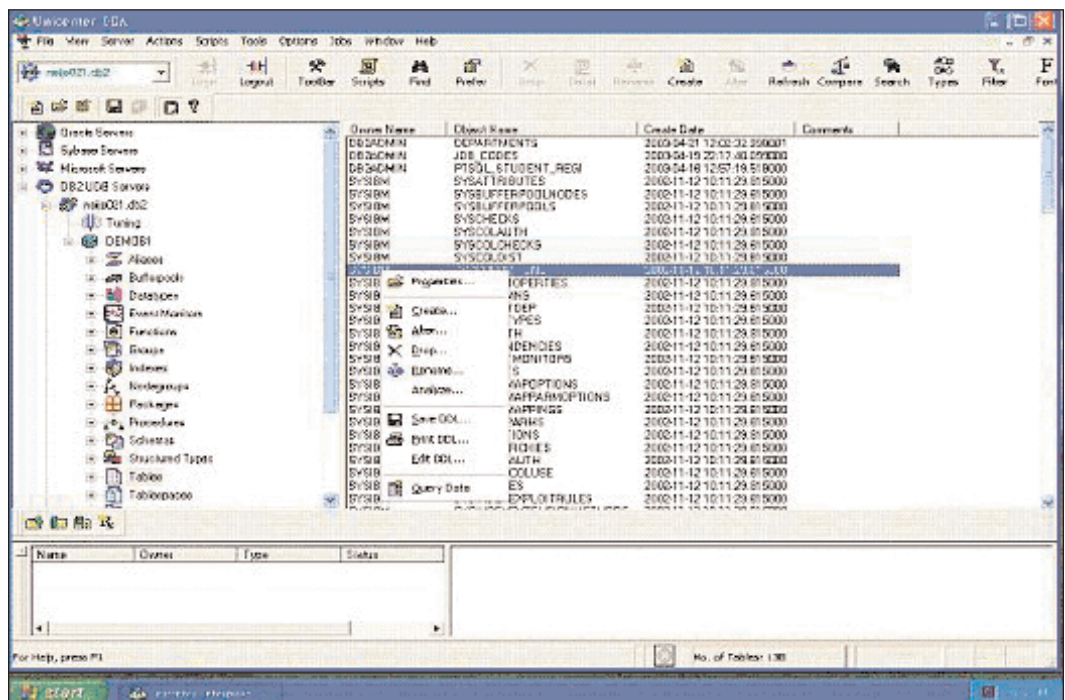


Figure 1. The Unicenter® Database Management Console provides easy administration of multiple databases from a single GUI console.



- **Drag-and-Drop Object Migrations.**

DBAs can migrate an object from one database to another by simply dragging the object to the destination and dropping it in. Unicenter DBA generates the scripts needed to handle all the details.

- **Flexible Object Migrations.** With Unicenter DBA, DBAs can replicate an entire database with all of its dependencies, triggers, procedures and security, or move a partial schema, such as tables and indexes only. In addition, they can copy a database from one server to another and decide whether or not to preserve referential integrity.

- **Import/Export.** For Oracle and Sybase databases, this feature enables you to import and export data from databases, tables and views. It eliminates the need to use conventional command line utilities or write custom code to move data between databases as part of the migration process.

Advanced Object Management

Functionality. Unicenter DBA includes additional capabilities to increase DBA productivity and enhance performance.

- **Centralized Security Management.** This functionality enables DBAs to control the security privileges across all of the heterogeneous databases from the product's centralized console.
- **Query Wizard.** The built-in query wizard allows you to easily query, browse, update and save the table data.
- **Disk Fragmentation.** Unicenter DBA provides a proportional space map to identify the amount of fragmentation that has occurred to the object. When fragmented objects are found, reorg utilities can be launched from the centralized console to optimize the object.

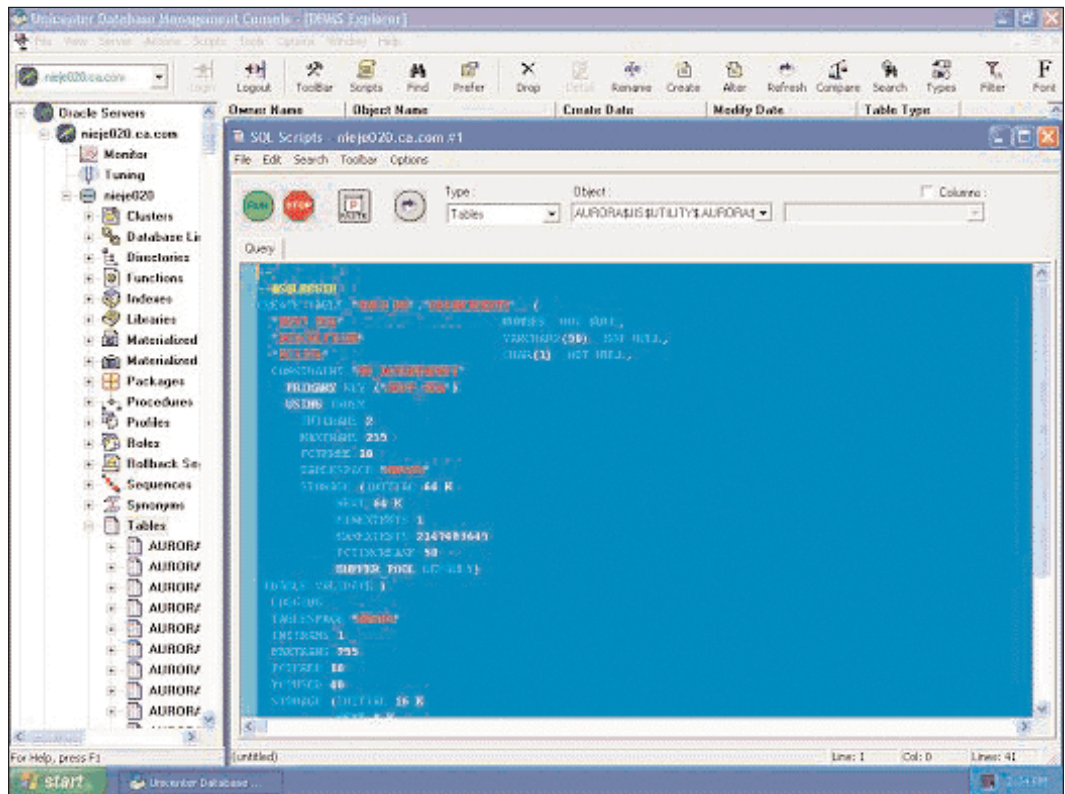


Figure 2. SQL Previewer enables DBAs to preview and modify the SQL statements before they are executed.



- **SQL Previewer.** Before migrating a table or other database actions, DBAs can see a preview of the SQL that will be run to complete the task. With Unicenter DBA, they have the option to run the SQL, step through it line-by-line or save it to be run at a later time (see Figure 2).

What's New in Release 5.4

Database Support. Additional releases of DB2 UDB for Linux, UNIX, Windows, Oracle and Sybase are supported.

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