



QUEST SOFTWARE

- Offers an intuitive, windows based graphical user interface
- Reduces learning curve by providing a single solution to manage complex database administration tasks
- Decreases reliance on difficult-to-maintain, error-prone administrative scripts
- Provides an easy-to-understand, graphical user interface that reduces time-consuming multi-step processes
- Increases productivity through simplified object creation, migration and synchronization
- Enhances security by enabling DBAs to deploy permission changes across the entire DB2 environment in a single step



## Simplify the Administration of Complex DB2 z/OS Environments

Managing the DB2 mainframe environment can be a challenging process that requires a lot of scripting, repetitive steps, recurring tasks and specialized expertise. Database administrators have to remember complex scripting syntax and it's easy to make errors which can result in application failure or possible data loss when administering and managing the mainframe. Plus, as the database environment continues to grow and change, it becomes increasingly difficult to learn and teach the unique aspects of the mainframe database environment.

With Toad for DB2 z/OS Database Administration, DBAs of all skill levels can now easily tackle, administer and centrally manage DB2 objects, settings and permissions. They can leverage a single toolkit for catalog reporting, object management, creating and debugging stored procedures, and tuning SQL. Plus, they can perform complex tasks associated with migration and synchronization of database objects across their DB2 environments. The result is improved productivity, simplified object management and shortened change cycles.

In addition, DBAs can easily validate and address security issues with scripts that run simultaneously against multiple DB2 databases.

### DB2 User Management

Toad for DB2 z/OS Database Administration helps DBAs ensure that their database environments are secure. They can compare user permissions to check the proper roles and system privileges are assigned to users. In addition, they can modify user accounts without having to rely on error-prone scripting methods.

### Easy DB2 z/OS Catalog Navigation

Toad for DB2 z/OS Database Administration provides DBAs with an extensive view of their DB2 environments—i.e. schemas, objects, and dependencies -- via a user-friendly interface. DBAs can also:

- View physical entity relationships between tables through ER diagrams
- Search for database objects based on properties such as column names
- Bookmark frequently used objects using the project manager
- Set filters on schemas to view task-appropriate objects
- Compare objects in different databases and schemas

### Easing Complex Administration Tasks

Toad for DB2 z/OS Database Administration helps DBAs complete mundane tasks such as creating, altering and dropping objects, while simplifying complex tasks. For example, they can use this tool to:

- Migrate objects, dependencies, data and even statistics between databases and schemas, and administer database security rapidly
- Eliminate errors and increase efficiency by automating the scripting and research needed for database change management
- Format SQL code for an application or file before it is sent to production

## System Requirements:

### Minimum Hardware Requirements

- 600 MHZ Processor
- 120 MB of disk space for installation
- 512 MB of RAM minimum, 768 MB recommended

### Minimum Software Requirements

- Microsoft Windows 2000 or XP Professional Microsoft .NET Framework Version 2.0
- Microsoft Internet Explorer version 5.01 or later
- Client connectivity and configuration for each database (prerequisite for connecting)

### Supported Databases

- DB2 z/OS v8+ (In full feature mode)

### Supported Server OS Platforms:

- z/OS (V1R3 Base Services (5694-A01) or later)

- Perform object alterations, migrations, and comparisons
- Ensure objects are created with appropriate naming conventions with customizable object templates and global change masks
- Synchronize changes across database objects for easy validation
- View and manage application threads and check whether DB2 databases are up
- Integrate EXPLAIN facility for quick SQL tuning
- Test/debug stored procedures

### Migration/Compare and Sync

The migration option allows DBAs to easily move schema-level objects across subsystems. Consistent catalog statistics can also be included in the migration across different environments for effective SQL testing. The compare and sync feature lets DBAs analyze to compare schema level objects, report on differences, and then synchronize objects across multiple subsystems. This capability applies to reusable global change masks, save/reuse migration projects and statistics migration.

### Productivity-Enhancing Utilities

Toad for DB2 z/OS Database Administration offers automated schema documentation, providing DBAs with a quick reference guide and full understanding of all the objects within multiple schemas. DBAs can format data reports, charts and pivot tables from a single interface. Integrated version control is also available to simplify deployment tasks.

### Extended Alters

Simple changes made to DB2 objects can require lengthy, complex scripting. The standard DB2 alter is limited in its change capability. Typically, a change requires that an object be dropped, then re-created with all its dependencies, including tables, views, synonyms, aliases, and permissions. But Toad's extended alter simplifies this error-prone process by generating scripts with all the drops, then reproducing objects and dependencies for significant time savings.

### SQL Tuning (add-on module)

The SQL tuning module for DB2 z/OS provides a complete SQL tuning lab with context-sensitive tuning advice. DBAs can effectively optimize problematic SQL in a fraction of the time rather than manually. This module offers an extended EXPLAIN that plans details and explanations. DBAs can focus their attention on areas that yield the highest return from tuning. The context-sensitive, tuning advice allows SQL statements to be written with the click of a button to apply selected advice. The SQL tuning module provides an illustrated SQL comparison for immediately visualizing the performance impact of changes to the SQL statement. This includes both access plans and results set for the query. The module also offers an analysis of the access path currently in use by bound SQL versus the access path if a rebind were to occur.

### About Quest Software, Inc.

Quest Software, Inc. delivers innovative products that help organizations get more performance and productivity from their applications, databases and Windows infrastructure. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 50,000 customers worldwide meet higher expectations for enterprise IT. Quest Software can be found in offices around the globe and at [www.quest.com](http://www.quest.com).

© 2007 Quest Software Incorporated. ALL RIGHTS RESERVED. Quest Software and Toad are trademarks and registered trademarks of Quest Software, Inc. in the U.S.A. and/or other countries. All other trademarks and registered trademarks are property of their respective owners.



[www.quest.com](http://www.quest.com)  
e-mail: [info@quest.com](mailto:info@quest.com)  
Please refer to our Web site for international office information.