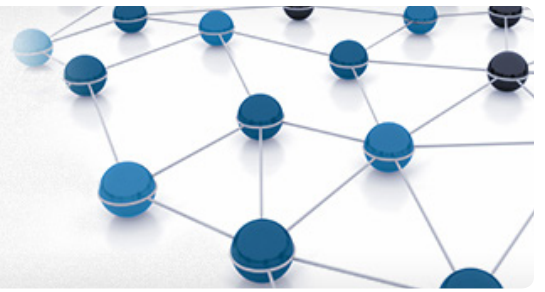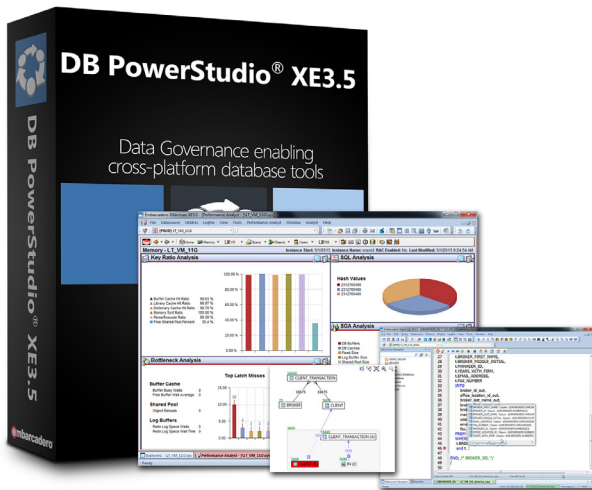# DB PowerStudio® XE3.5

Data Governance enabling cross-platform database tools

Embarcadero® DB PowerStudio® XE3.5 is an integrated database tool suite empowering DBAs and data professionals to deliver operational integrity and data consistency across complex and governed environments. The tool suite complements vendor database management tools with comprehensive administration, development and performance tuning capabilities across multiple platforms that dramatically increases productivity and improves database availability and performance.

Demands for always-on, high-performing enterprise databases have never been greater. But with the need to achieve more with less, database professionals continually look for innovations to help them meet corporate expectations.

Native database tools are a great way to get started with database administration on a single database platform. However, those native tools lack the robustness and scalability of an organizational solution that directly deals with growing data volume, velocity and variety. Organizations grow and evolve, and so does the data.

Both DBAs and database developers face the following challenges:

- Growing volumes of administration and development tasks
- Optimizing for database performance
- Transparency with database changes

DB PowerStudio goes beyond native tools to provide functionality essential to the DBA and database developer. Whether it's a place to manage your database, tools to facilitate migrations, or functionality to help pinpoint and diagnose performance problems, DB PowerStudio transforms the database professional into the database pro.

Faster, Smarter Database Administration with DBArtisan

DBArtisan gives DBAs the capabilities to maximize availability, performance, and security of their databases by providing a consistent and unified view for all major database platforms in one tool. Comprehensive graphical editors and wizards boost productivity, streamline routine tasks, and reduce errors so DBAs can manage larger, more complex databases.

Fast, Accurate SQL Code with Rapid SQL

Rapid SQL helps developers and DBAs produce high performance SQL code at lightening speeds. With support for all major database platforms from a single interface, teams can standardize on one powerful heterogeneous SQL IDE tool. A rich development environment simplifies SQL scripting, query building, object management, project management, and version control in live databases or offline source code repositories.

Accelerate SQL performance tuning with DB Optimizer

DB Optimizer is a heterogeneous tool that accelerates performance tuning for DBAs and developers by quickly discovering, diagnosing, and optimizing poor-performing SQL. Prevent, find, and fix performance issues via visual SQL profiling

and tuning. Eliminate performance bottlenecks and fix in minutes what would have previously taken hours or days.

Database Change Management Made Simple with DB Change Manager

Simplify, automate, and report on database changes. Manage database change across development, test and production environments and mask test data to comply with privacy laws. DB Change Manager's compare, synchronization, and auditing capabilities let you track and report on changes, roll out new

releases, and pinpoint performance problems resulting from changes in data, schema and database configuration.

Benefits Summary

- Faster, smarter database administration with DBArtisan
- Fast, accurate SQL code with Rapid SQL
- Accelerate SQL performance tuning with DB Optimizer
- Database change management made simple with DB Change Manager
- Facilitate data governance initiatives with database professionals

DB Artisan	
Schema management	Create, drop, or alter objects such as tables, constraints, indexes, views, procedures, functions, triggers, packages, and more. Moves effortlessly among disparate database schemas using standardized, multi-tabbed editors for each database object type.
Security management	Manage users, logins, profiles, groups, aliases, and password security. Creation and management of roles and accounts.
Space, Capacity and Performance Planning	Provides analysis of database space, capacity and performance information to diagnose and reorganize inefficiencies using intelligent reorganization wizards
Data Migration	Migrates schema objects and associated table data using wizard-driven utilities

DB Optimizer	
Profiling	Drill down into the execution details for any given statement, including the SQL text, events, sessions, child cursors, blockers, procedures and other SQL details
SQL Tuning	Create and run tuning jobs for a single statement or batch of statements. SQL rewrites and hint injection are used to generate all possible cases and find the best alternative to a given SQL statement.
Reporting	Reports generated to present diagnostic information and issues related to database performance
Load testing	Testing the performance and scalability of databases with varying user loads

Rapid SQL	
SQL scripting and editing	Allows users to create, save, and execute all SQL code against databases with ease. SQL editor offers on-the-fly syntax checking for code and object names, object lookup and code complete, bind variable support, selective statement execution.
Object creation and editing	Create, drop, or alter objects such as tables, constraints, indexes, views, procedures, functions, triggers, packages, and more
Debugging and Performance Optimization	Diagnose and correct both fundamental query errors and conceptual errors in query design that impact performance. Performs detailed response time analysis on the execution of stored procedures and functions.
Version Control	Seamless integration with most commercial source code control systems

DB Change Manager	
Schema comparison and synchronization	Comparison and synchronization capabilities across various DBMS schemas. DBAs often have to build a synchronization script to apply development changes to production.
Data comparison and synchronization	The ability to compare data between tables or across entire schemas, report on differences and synchronize changes
Auditing	Schema and configuration archives provide historical record for compliance auditing and reporting
Reporting	Outlines what objects have actually changed, either between schema archives, live data sources or both. DDL differences are color-coded for easy comparison.

Facilitate Data Governance Initiatives with Database Professionals

DB PowerStudio's suite of database tools empowers DBA's and database developers to align with data governance initiatives. Database administrators can ensure database performance, uptime, and availability with tools such as DBArtisan and DB Optimizer. To maintain data integrity, DB Change Manager helps organizations comply with data governance standards. Also, Rapid SQL gives database developers the functionality to improve data quality.

Ready to learn more about DB PowerStudio? Contact us at 1-888-233-2224 or sales@embarcadero.com

For data modelers and data architects, ask us about ER/Studio, the ultimate design, modeling and collaboration solution.