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DB PowerStudio 2016
The ultimate cross-platform database tools

Embarcadero® DB PowerStudio® 2016 is a database tool suite that empowers DBAs and data professionals with comprehensive administration, development, performance and monitoring capabilities across multiple platforms. The tool suite complements native management tools with additional functionality that dramatically increases productivity, boosts database performance and improves availability.

"[Database Tools] gives us one tool, a single interface to streamline managing multiple database platforms, saving us time, money, and hassle."

DOUG MACDIARMID, Applications Support Special | Synarc

Demands are Growing; Needs are Changing

Demand for always-on, high-performing enterprise databases has 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:

- **Managing the ever-increasing number of administration and development tasks**
- **Maintaining and optimizing database performance**
- **Maintaining transparency with database changes**

DB PowerStudio 2016 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, these tools transform 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.

Streamline Communication, Performance Management and Share Data sources with DB Team Server

DB Team Server is a collaborative management platform for DBA teams. With DBA teams struggling to keep pace with the explosion of data, data

sources and rapid development cycles, productivity solutions are becoming paramount. DB Team Server was designed specifically for enterprise DBA teams. It provides a holistic view of the enterprise database landscape to better manage and analyze corporate data assets. Basic monitoring and alert notifications improve responsiveness with instant insights into availability, performance and storage. Team collaboration capabilities enhance knowledge sharing and improve communications by providing easy access to corporate database knowledge including specialized scripts, notes and internal discussion topics.

24/7 Performance, Insight and Availability with Performance IQ

Performance IQ is the newly available add on for DB Artisan 2016 and Rapid SQL 2016. These products plugs into DB Team Server and provides a deep investigative probe into the performance of SQL statements by providing visibility and insight as to how syntax, cardinality, index usage and data skew affect and vary performance over time in a variety of situations. SQL DBAs and Developers will have a multitude of preemptive user alerts and enhancements available to them to improve the performance of the SQL.

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 changes 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 data-base configuration.

BENEFITS SUMMARY

- Team-enabled cross- platform database administration and perfor Rapid SQL
- Team-enabled, SQL code scripting and debugging solution 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

DBArtisan

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

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.

Performance Management

PERFORMANCE IQ 7 ADD ON	Reduces performance troubleshooting efforts by providing embedded intelligence & insights to help investigate, identify & resolve performance issues.
PROACTIVE DIAGNOSTICS	Manage users, logins, profiles, groups, aliases, and password security. Creation and management of roles and accounts.
PROCESS MONITOR	Monitors who is connected to each database along with each session's current activity and other session-related data

DB Team Server

CENTRALIZED DATA SOURCE MANAGEMENT	Simplifies access an improve management. Share data sources across DBA teams and gain insights with powerful search capabilities.
MONITORING AND ALERT NOTIFICATIONS	Improve responsiveness and reduce downtime with centralized basic health monitoring and alert teams on availability, performance and storage.
DBTA TEAM COLLABORATION	Streamline communication and knowledge sharing with team members. Capture knowledge and leverage best practices from others.

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 data-bases with varying user loads.

DB Change Manager

SCHEMA COMPARISON AND SYNCHRONIZATION	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.
DATA COMPARISON AND SYNCHRONIZATION	Create, drop, or alter objects such as tables, constraints, indexes, views, procedures, functions, triggers, packages, and more.
AUDITING	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.
REPORTING	Outlines what objects have actually changed, either between schema archives, live data sources, or both. DDL differences are color-coded for easy comparison

Ready to learn more about DB PowerStudio 2016? | 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.