Rapid SQL

THE ONLY INTELLIGENT SQL IDE FOR CREATING HIGH PERFORMING CODE

Rapid SQL® is the only intelligent SQL IDE empowering database developers and DBAs to write high-performance SQL using performance insights and embedded analytics. This game changing toolset simplifies SQL scripting, query building, object management, debugging and version control.

WHY RAPID SQL?

DEMANDS ARE GROWING; NEEDS ARE CHANGING Database developers are tasked with creating software applications that include complex business logic and accessing ever-changing database ecosystems. Both of these aspects must be properly understood to create high-performing applications.Unfortunately, corporate database ecosystems are becoming more complex. As database environments grow in volume, velocity, and variety, the database developer's role becomes even more challenging and time-consuming.

Some of the most daunting challenges are:

• Working across different database platforms

• Visualizing and creating complex SQL queries

• Integrating database development with source code control

Modern database developers need tools to work more efficiently Database developers should be able to seamlessly work across disparate database systems and integrate their work with source control systems as part of their regular software development cycle. Only by simplifying an organization's database ecosystem and adapting to the developer's work environment, can the data-base developer keep up with modern data trends.

Rapid SQL helps database developers and DBAs more rapidly produce high-performing SQL code. Supporting all major database platforms from a single, intuitive interface, Rapid SQL lets teams bring standardization and efficiency via its powerful, heterogeneous SQL IDE.
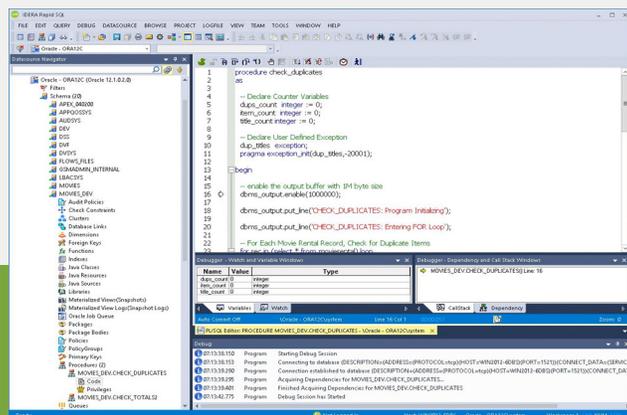
Rapid SQL's robust development environment simplifies and streamlines SQL scripting, debugging, query building, object management, project management, and version control – in both live databases and offline source code repositories.

DEVELOP SQL CODE QUICKLY, EFFICIENTLY The SQL IDE is a clean, slick development environment, ideal for creating and modifying SQL code geared to the needs of application developers. Real-time quick fixes flag and correct inefficient SQL automatically. The IDE is also equipped with SQL code assist, real-time SQL syntax validation, and project level SQL file cataloging and search features.

VISUALLY ACCELERATE QUERY BUILDING Database developers can save time and start developing SQL code immediately with Visual Query Building tools. Rapid SQL gives you the ability to construct complex SQL statements with point-and-click ease using the Visual Query Builder.

DEBUG SQL CODE, FUNCTIONS, AND STORED PROCEDURES SQL Debugger simplifies the task of hunting down and eliminating coding errors. An extremely useful database productivity tool, the SQL Debugger lets you debug SQL Server, Oracle, SAP Sybase or DB2 stored procedures as well as Oracle functions. The Debugger features basic execution, line-by-line execution, breakpoint support, and other common debugging features.

SUPPORT DATA GOVERNANCE INITIATIVES THROUGH TEAM SERVER INTEGRATION Enhance the data quality of your organization with Rapid SQL's developer capabilities. Integration with Team Server provides a centralized data source repository, along with inline access to the defined metadata. Instantly gain valuable context to SQL query development and become aware of sensitive data stemming from PII, regulatory, data governance policies and their policy owners.

Start for FREE!

IDERA

BENEFITS

- Develop SQL code quickly, efficiently and better performing
- Visually accelerate query building
- Debug SQL code, functions, and stored procedures
- Collaborate effectively with version control
- Support data governance initiatives through Team Server integration

GENERAL FEATURES

MULTI-PLATFORM SUPPORT Manage all major DBMSs from a single interface. Ability to use the tools on all supported platforms from a single license.

UNICODE Full Unicode character support throughout the application.

INTUITIVE INTERFACE Streamlines and automates common and repetitive tasks with an easy-to-use GUI and powerful wizards.

CENTRALIZED DATA SOURCE MANAGEMENT Simplifies access and improves data source management. Designate Team Server as the data source catalog, and login to your data sources with Team Server credentials.

TROUBLESHOOTING ASSISTANCE Use the automated IDERA Error Report feature to create a zip file containing important details about your installation, such as product information, hardware metrics, and necessary database information for troubleshooting.

DEBUGGING & PERFORMANCE OPTIMIZATION

CODE ANALYST Performs detailed response time analysis on the execution of stored procedures and functions.

SQL DEBUGGER Debugs programmable objects such as stored procedures, functions, packages, and triggers. Debug Java, step seamlessly into SQL (i.e. stored procedure) and back into Java again — true system-wide, round-trip debugging.

SQL PROFILER Captures metrics of various PL/SQL programmable objects on Oracle 8.1.5 and higher.

OBJECT SUPPORT

GRAPHICAL OBJECT EDITORS Create, drop, or alter a wide variety of database objects, including tables, constraints, indexes, views, procedures, functions, triggers, and packages. Editors are common for all objects (across all platforms).

WIZARD-DRIVEN OBJECT CREATION Wizards guide users through the creation of objects, prompting for the options that are applicable to objects found on the selected database platforms.

GROUPED OBJECT COMMAND EXECUTION Execute database commands against a select grouping of objects (drop, compile, analyze, etc.).

EXTENDED ALTER SUPPORT Provides the ability to generate complex scripts as a result of object manipulation (inserting a column in the middle of a table).

SQL SCRIPTING & EDITING

VISUAL QUERY BUILDER Constructs even the most complicated SQL statements with point-and-click ease.

CODE TEMPLATES Eliminates the need to memorize and type SQL syntax.

SQL EDITOR Code folding, code collapse/roll-up, syntax coloring, hot key assignments, configurable auto replace of objects, bind variable support, selective statement execution.

CONTEXT-SENSITIVE DBMS ACTIONS DBMS actions, such as Extract and Drop, are available directly in the context menu of the appropriate tokens in the SQL editor.

ADVANCED CODE ASSIST Lists context-sensitive suggestions as you type (e.g. tables, columns, procedures, functions, and code templates) and is available offline.

CODE FORMATTING Code folding, syntax coloring, comment toggling, and other auto formatting features make it easy to read, navigate, and edit large SQL files.

SYNTAX AND SEMANTIC VALIDATION Validate SQL files and flags all DBMS-specific parser violations or references to objects not found in the target database.

QUICK FIXES Real-time parsing provides code quality suggestions for improving SQL performance as you type.