

TERADATA STUDIO

OPTIMIZE EFFECTIVENESS

You're always looking for new and better opportunities to use your data to change and grow your business through analytics. To do that, you need assurance that your IT staff has all the tools it needs to implement your ideas, and that your power users have tools that match their capabilities and enable them to leverage their skills.

Teradata Studio suite with smart loader for data labs and Hadoop delivers just the kind of innovation you need to gain a competitive edge. How? By offering you the tools to ensure your data warehouse operates at peak performance and your users the flexibility they need to excel.

Teradata Studio is a client-based graphical interface used to perform Teradata® Database administration, external data access and query tasks on both the Teradata Database and Aster Database. Teradata Studio is built on the Eclipse® Rich Client Platform (RCP), taking advantage of the RCP framework for building and deploying native GUI applications. It extends the Eclipse Data Tools Platform (DTP) to enhance Teradata Database and Aster Database access.

MAKE THE MOST OF YOUR STAFF AND RESOURCES

When combined with the ease of use and automation elements of Teradata Database architecture and features, Teradata Studio provides the lowest cost and most efficient environment to deploy—no matter how many applications or subject areas you face.

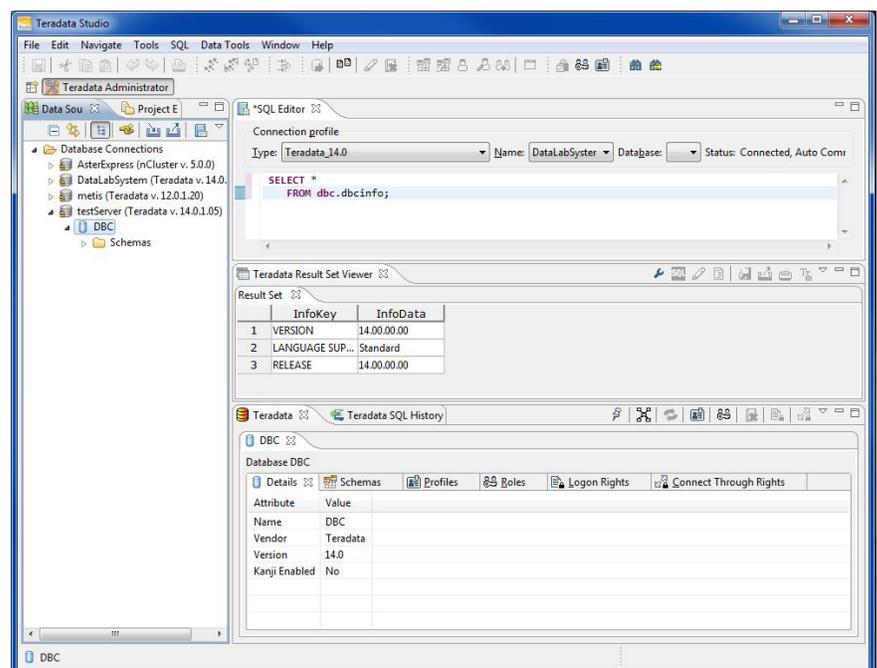
Teradata Studio delivers the capabilities to:

- ~ Create databases (schemas), users, tables, views, stored procedures, user-defined functions and user-defined types.
- ~ Modify and drop databases and users.
- ~ Administer roles and profiles.
- ~ Grant or revoke access and system rights.
- ~ Manage privileges on database objects.
- ~ Copy table, view, stored procedure, macro or user-defined type definitions to another database, or to another system.

- ~ Drop or rename tables, views, stored procedures, macros or user-defined functions.
- ~ Move space from one database to another.

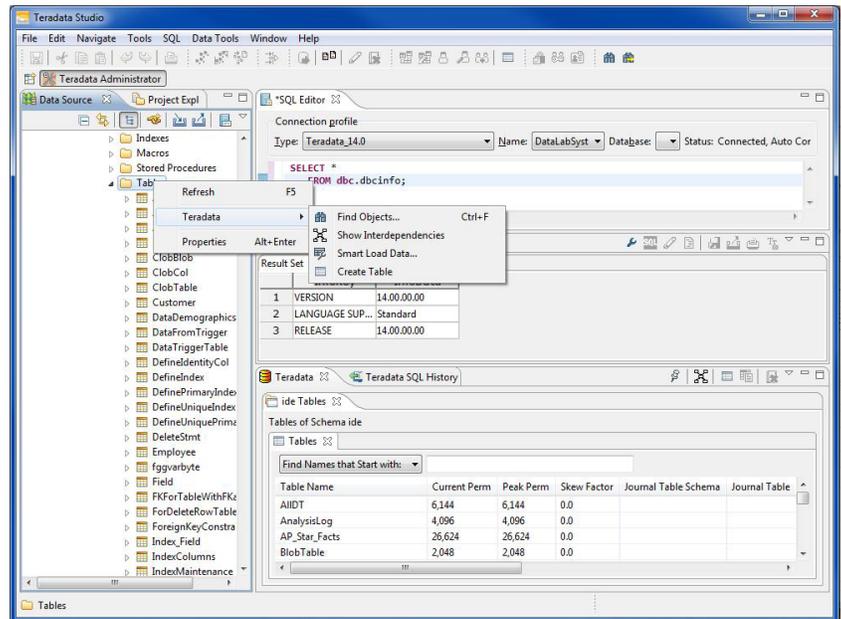
Teradata Studio also lets you:

- ~ Use Connection Profile Wizard to create profiles using the Teradata JDBC driver.
- ~ Create, modify, format and execute SQL queries against both the Teradata and Aster Databases through SQL Editor.
- ~ Maintain a historical record of submitted queries with timings and status information.
- ~ Export result sets to Excel, XML or text files.
- ~ Import external data from Excel, .csv and Hadoop HDFS into data labs.
- ~ Display information about databases, users, tables, views, macros, stored procedures, user-defined functions and user-defined types.
- ~ Set up the rules for query and access logging.
- ~ Find objects in the Data Source Explorer.



USING HADOOP JUST GOT EASIER

Many businesses are choosing to expand their data infrastructure by incorporating open source Apache™ Hadoop®. However, navigating through this environment is not easy. Working with Hadoop requires specialized skills in MapReduce programming and the understanding of how data is stored within the Hadoop Distributed File System (HDFS). Teradata Studio offers you simplified Hadoop data access with the smart loading capability within the *Hadoop View*. Users can easily browse the Hadoop tables and drag/drop for smart bi-directional data transfer. Hadoop data types are also automatically mapped to Teradata data types to simplify the process. In addition, users also have a *Transfer Status view* and *Transfer History view* for managing their data loads.



WORK SMARTER AND FASTER

Teradata Studio lets you quickly and easily populate data labs for new analysis projects. Teradata Data Lab simplifies sandbox implementation, management and use, while automating governance for your DBAs. That means you can take advantage of a rapidly implemented development environment with in-database sandboxes to explore ideas that drive innovation.

Viewpoint portlets give your business users an easy-to-use tool to self-provision space within your data warehouse. In addition, Teradata Data Lab provides your DBAs with the flexibility to assign a variety of controls, based on users and roles, to govern and manage the data labs. Rules are automatically enforced, and DBAs are alerted as users approach specified size and time limitations.

Teradata Studio delivers new smart self-loading capabilities that allow you to easily load data without involvement from DBAs or database experts. With Studio smart loading, data can be easily loaded into a data lab for analysis together with the existing data in the data warehouse. The user just browses to the source file containing the new data. Teradata Studio smart loading examines the data to determine its structure, build the load commands and, if necessary, create the target table within the data lab and loads the new data.



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DECISION
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DEPLOYMENT FLEXIBILITY

Teradata Studio can be run on Windows, Linux and Mac OSX operating systems. The Eclipse platform is designed as an open tools platform, but architected so that its components (or a subset of its components) can be used to build RCP applications. This allows Teradata Studio to benefit from the many high quality Eclipse features available.

WHY TERADATA?

Teradata Corporation is the world's leading analytic data solutions company focused on integrated data warehousing, big data analytics and business applications. Teradata's innovative products and services empower organizations to integrate, analyze and profit from data for competitive advantage.

FOR MORE INFORMATION

To find out more about how Teradata Studio can help you gain unmatched freedom for analytical innovation and growth, contact your local Teradata representative or visit Teradata Developer Exchange.