



NETEZZA
DEVELOPER
NETWORK



Key Features

- Library of SQL-like capabilities emulates proprietary database functions
- Ability to migrate common legacy functions to Netezza without coding
- Proprietary capabilities are callable as SQL functions on Netezza
- Extensible for client-specific requirements
- A free download from its creator

Key Benefits

FAST MIGRATION: ECLIPSE speeds migration from a legacy database to the Netezza analytic appliance

SMOOTH TRANSITION: Users can keep their existing SQL queries and familiar business tools

THE POWER OF NETEZZA: Revolutionary appliance eliminates the constraints of legacy data warehouse and analytic systems

EFFICIENT ONGOING DEVELOPMENT: New projects can continue using consistent coding methods and realize the efficiencies of proprietary functions

Partnership Details

The ECLIPSE compatibility library is the latest initiative from Edge Associates, the UK's leading Netezza integration partner. Since entering a partnership agreement with Netezza in 2005, Edge has brought its expertise in systems integration to deliver Netezza's leading edge data warehousing, business intelligence and data analysis capabilities to some of Europe's largest companies. In addition, Edge has developed a suite of integration utilities and best practice documentation that minimize the delivery time for critical implementation projects.

Free Compatibility Kit Simplifies Migration to Netezza

ECLIPSE library emulates common proprietary functions from legacy databases.

Companies in many industries recognize the advantages of the Netezza streaming analytic appliance — breakthrough performance, vast scalability and operational simplicity. For more and more organizations, migrating from a legacy database (e.g. Oracle, SQL Server, DB2) to the Netezza platform has become a priority.

The migration is faster and easier if proprietary functions do not need to be rewritten in order to run on-stream on Netezza. Over the years, legacy databases have seen the development of proprietary SQL functions that are outside the standard ANSI SQL capability supported by Netezza. These proprietary functions are widely used, both in custom queries and by tools like Business Objects.

ECLIPSE (Edge Compatibility Library in Performance Server Environments) simplifies the migration to Netezza with a growing library of extended SQL functions that emulate common proprietary functions from Oracle, DB2 and SQL Server. Functions no longer need to be recoded; instead their equivalents are callable as SQL functions within the Netezza data warehouse. This not only accelerates the migration, it makes life easier for end users, who get familiar SQL capabilities with Netezza performance, without having to adopt new ways of writing queries.

ECLIPSE also saves time when migrating popular tool sets such as Business Objects from legacy environments to Netezza. Many of these tools are based on a particular legacy SQL version and expect common proprietary functions as input. By providing the same functionality on Netezza, the emulation library simplifies migration of familiar tools as well as SQL queries.

ECLIPSE was developed by Edge Associates, a UK-based integrator specializing in data warehousing and business intelligence projects, including many of Europe's largest Netezza implementations. Release 1.0 is available as a free download from the Edge Associates web site (www.edge-a.co.uk).

Future ECLIPSE releases will include new compatibility packages that deliver more complex functionality including analytic capabilities. Edge Associates can also develop customer-specific emulation functions to help speed the migration to Netezza with little or no change to the user environment.

ECLIPSE is a growing library of extended SQL functions that emulate proprietary functions from other databases. All functions were developed as User Defined Functions (UDFs) within Netezza's standard development environment.

Emulation functions include: HOUR and DAY for DB2; REPLACE for Oracle; and LEFT and RIGHT for SQL Server.



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