DB Ace Enterprise for PostgreSQL® 1.0.5 - Release Notes

Release Notes

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About DB Ace Enterprise for PostgreSQL®

DB Ace Enterprise for PostgreSQL is an AI-powered SQL tuning solution with integrated monitoring. It optimizes performance by rewriting SQL syntax, injecting hints, and recommending new indexes. These optimizations are deployed directly to the database, eliminating the need for source code modifications.

Supported PostgreSQL® versions

PostgreSQL® 9.0 or higher

New Features

DB Ace Enterprise for PostgreSQL 1.0.5

DB Ace Enterprise 1.0.5 is a major release that includes new features, enhancements, and fixes.

Monitor SQL

DB Ace Enterprise for PostgreSQL incorporates an SQL monitor module that enables users to simultaneously monitor the performance of SQL statements across multiple databases. The monitor captures long running SQLs to tune.

Connection Manager

The user must set up a connection in Connection Manager before he/she can start SQL Tuning on the target database.

SQL Tuning by SQL Syntax Rewrite and Hints Injection

Rewrite SQL syntax

Fix common SQL syntax mistakes.
Resolve database SQL optimizer's plan space limitations.
Explore potential SQL syntax with better performance.
Learn to write better SQL through the semantical equivalent SQL rewrites.

Hints Injection

Compose effective SQL hints to a SQL statement for better query plan generation.
Explore the ultimate power that your database SQL optimizer can provide.
Discover potential better query plans without the burden of SQL cost estimation error.
Learn to use Optimizer Hints to tune SQL statements.

GUC Tuning

Compose effective GUC parameters to a SQL statement for better query plan generation.
Explore the ultimate power that your database SQL optimizer can provide.
Discover potential better query plans without the burden of SQL cost estimation error.

SQL Index Tuning

Recommend indexes for a SQL statement with uncompromised performance improvement by our intelligent A.I. engine.

Tune SQL Plan

In PostgreSQL, the pg_hint_plan extension is a component that allows you to change SQL plan before they are executed by the database engine. It intercepts SQL queries and provides the ability to dynamically modify them, enabling you to optimize and improve the performance of your queries without changing the application code.

Manage SQL Hints

Manage SQL Hints is a function to manage all deployed SQL hints in PostgreSQL database.