Tosska SQL Tuning Expert Pro for openGauss® 1.5.0

Release Notes

Nov 2024

About Tosska SQL Tuning Expert Pro for openGauss®

Tosska SQL Tuning Expert Pro for openGauss (TSEG™ Pro) is an automatic SQL tuning product that uses AI technology to tune your SQL statements by applying openGauss Hints combinations and SQL rewrite to improve your SQL statements' performance.

Furthermore, an intelligent cost-aware Indexes Advisor is provided to help users to review and recommend indexes for a given SQL, the Indexes Advisor can find the best recommendation of indexes.

Function with limitations without a license

The software provides up to 10 automatic SQL alternatives and 10 index recommendations for free to solve the most common SQL performance problems before you purchase a license.

Supported openGauss® versions

openGauss® 5.0 or higher

New Features

SQL Tuning Expert Pro for openGauss 1.5.0

SQL Tuning Expert 1.5.0 is a major release that includes the following new features.

SQL Index Tuning

Intelligent SQL Advisor for a SQL Statement

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

SQL Tuning Expert Pro for openGauss 1.1.0

SQL Tuning Expert 1.1.0 is a major release that includes the following new features.

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.