Tosska SQL Tuning Expert for MySQL® 2.2.0 - Release Notes

Release Notes

Dec 2020

About Tosska SQL Tuning Expert for MySQL®

Tosska SQL Tuning Expert (TSE™) for MySQL® is a tool to tune your SQL automatically.

Supported MySQL® versions

MySQL® 5.6 or higher

New Features

SQL Tuning Expert for MySQL 2.2.0

SQL Tuning Expert 2.2.0 is a minor release which includes enhancements and fixes.

Tune SQL

- Rewrite SQL

  Improved the SQL rewrite ability.

Resolved Issues in 2.2.0

Feature	Resolved Issue	Issue ID
Tune SQL	Fixed an issue that SQL alternatives are not sorted after test run.	STEM-396
Tune SQL	Fixed a rewrite mistake for specific syntax of SQL with subquery.	STEM-462
Tune SQL	Fixed the problem of test run failure for the rest of SQL alternatives when one of the SQL alternatives is terminated by timeout criteria.	STEM-486
Tune SQL	Fixed an issue that SQL syntax is not supported when Windows default language is not English.	STEM-502

SQL Tuning Expert for MySQL 2.1.0

SQL Tuning Expert 2.1.0 is a minor release which includes enhancements and fixes.

Tune SQL

- Rewrite SQL

  Improved the ability to SQL syntax rewrite.

Resolved Issues in 2.1.0

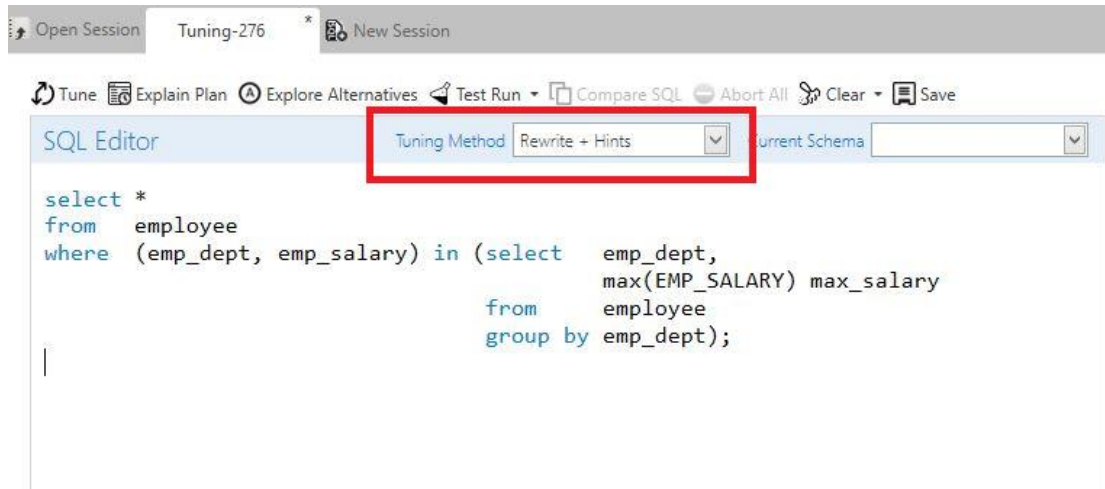| Feature	Resolved Issue	Issue ID
Tune SQL	Fixed some errors when rewrite.	STEM-449
Tune SQL	Fixed an issue that Explore SQL Alternatives Summary is not cleared after clicking Clear Except Original button.	STEM-443

SQL Tuning Expert for MySQL 2.0.0

SQL Tuning Expert 2.0.0 is a major release which includes new features, enhancements and fixes.

Tune SQL

- Rewrite SQL

  A new powerful A.I. SQL Rewrite Engine to help users to rewrite their problematic SQL statements to potential better semantic equivalent SQL alternatives. User can select "Rewrite + Hints", "Rewrite Only" or "Hints Only" method in "Tuning Method" dropdown menu to tell our A.I. Rewrite Engine which tuning method will be used to tune a given SQL.

- Bind Variables

  Improved the ability to detect the data type of bind variables.

- Mark Best SQL Alternative

  An icon is shown to mark the best SQL alternative after SQL tuning or test running.

- Plan Viewer

  Improved Visual Plan.

- SQL Tuning session history

  Show scrollbar if there are too many saved SQL tuning sessions.

- Compare SQL

  Improved Compare SQL window for better SQL text and plan comparison

Resolved Issues in 2.0.0

Feature	Resolved Issue	Issue ID
Tune SQL	Fixed an error when Explain, Tune, Explore Alternatives or Test Run SQL with bind variable of TIME data type.	STEM-295
Tune SQL	Fixed the wrong plan step number in Tree plan.	STEM-317
Tune SQL	Fixed an error when Explain, Tune, Explore Alternatives or Test Run SQL with invalid bind variable symbol.	STEM-326
Tune SQL	Fixed an error when abort explain plan process.	STEM-334
Tune SQL	Fixed the issue that button to Hide / Show SQL tuning session history may disappear with some screen resolution.	STEM-335