



Tosska SQL Tuning Expert for MySQL® 2.1.0 - Release Notes

Release Notes

Sep 2020

About Tosska SQL Tuning Expert for MySQL®

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

Function with limitations without a license

The software provides up to total 30 automatic SQL alternatives for free to solve most common SQL performance problems before you purchase a license.

Supported MySQL® versions

MySQL® 5.6 or higher

New Features

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



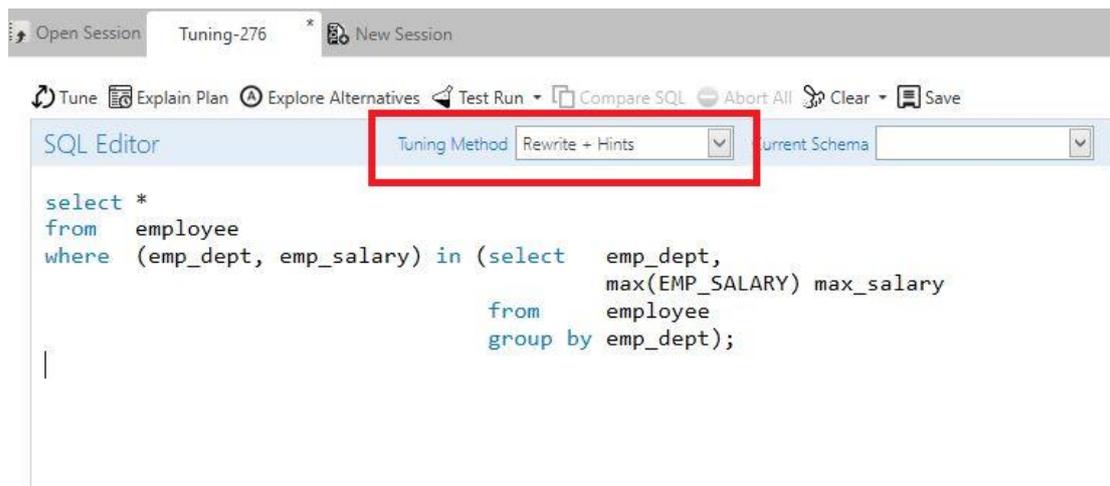
SQL Tuning Expert for MySQL 2.0.0

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

SQL Tuning Expert for MySQL 1.1.0

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

Tune SQL

It is a very powerful tool to tune your SQL statements in a fully automatic manner without the need of user's expertise involvement. Our AI engine will try most effective hints combinations to your SQL statement to explore potential better execution plans of your SQL statement. You can select the best performance SQL alternative for your application after benchmarking of all or selected SQL alternatives generated by the engine.