Tosska SQL Tuning Expert for Oracle® 4.1.0 - Release Notes

Release Notes

Nov 2020

About Tosska SQL Tuning Expert for Oracle®

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

Supported Oracle® versions

Oracle® 11.2 or higher

SQL Tuning Expert for Oracle 4.1.0

SQL Tuning Expert 4.1.0 is a minor release which includes enhancements and fixes.

Connection Manager

Improved Connection Manager to support TNS files with ifile definition inside.
Improved the SQL rewrite ability.

Resolved Issues in 4.1.0

| Feature	Resolved Issue	Issue ID
Connection Manager	Fixed an issue when connect to 11G if FIPS is turned on	TSE-568
Connection Manager	Corrected the grid position in "New or Select Connection" window when no connection was created.	TSE-1324
SQL Tuning	Fixed an error when Tune SQL with trim function	TSE-569
SQL Tuning	Fixed a rewrite mistake for specific syntax of SQL with subquery	TSE-1335

SQL Tuning Expert for Oracle 4.0.0

SQL Tuning Expert 4.0.0 is a major release which includes new features, enhancements and bug fixes.

Tune SQL / Tune Top SQL

- Rewrite SQL

    A new powerful A.I. SQL Rewrite Engine to help users to rewrite their problematic SQL statements to potential better semantical 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.
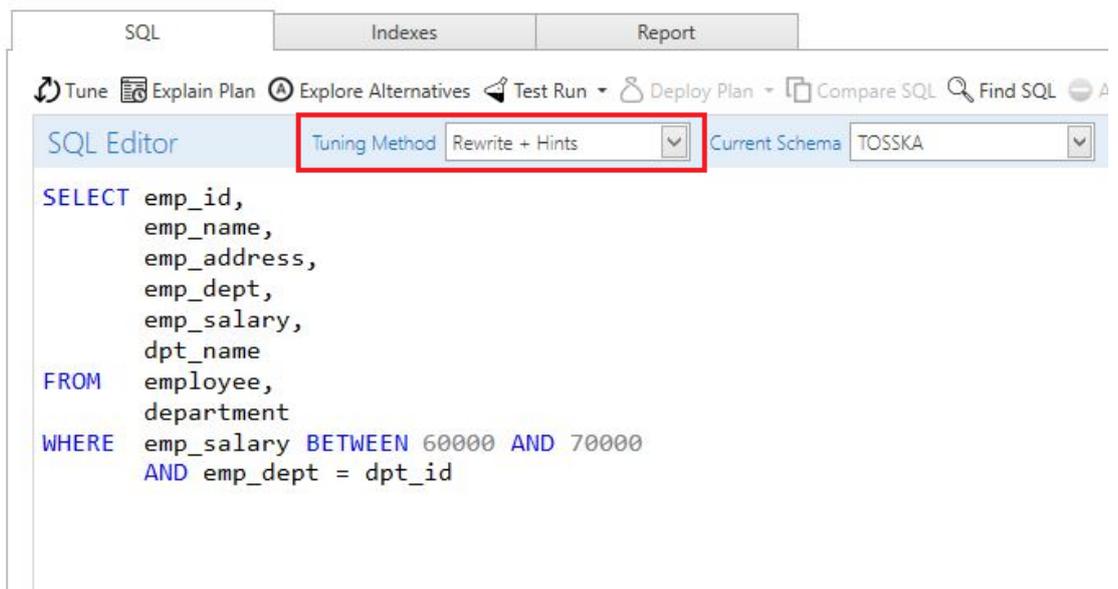
- Recommend Indexes for single SQL
    Speed up test run index sets
- Plan and Summary have separate docking panels. You can drag and drop to reorganize your layout.
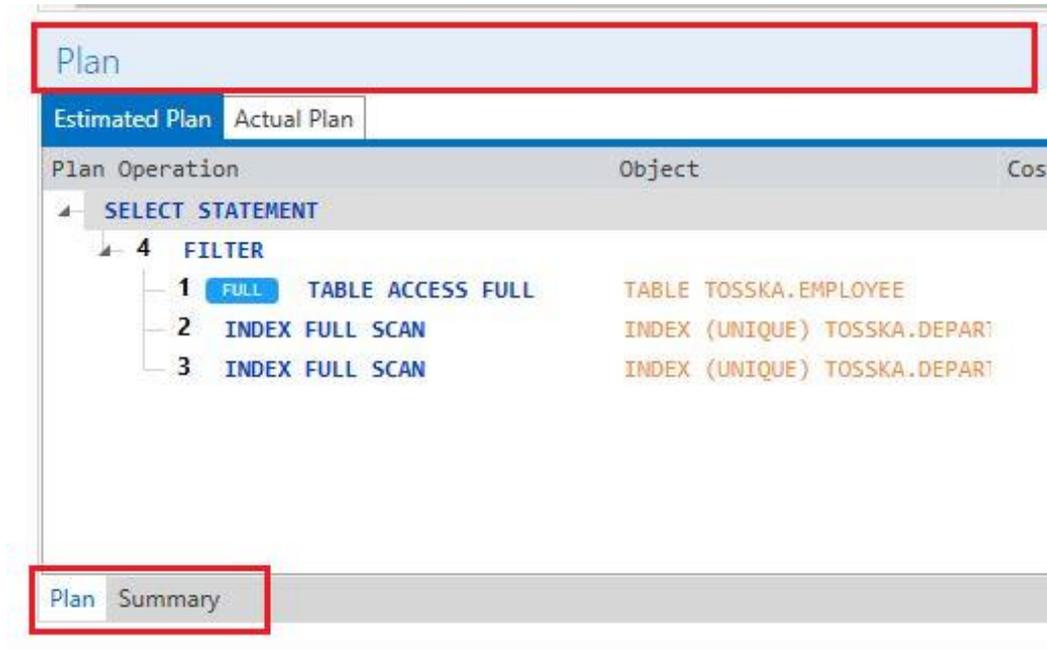
Common

Support more SQL syntax.

Updated default UI layout.

Change Tree Plan to columns layout with access predicates and filter predicates added.

Show scrollbar if there are too many saved SQL tuning sessions that is not fit in a window.

Resolved Issues in 4.0.0

Feature	Resolved Issue	Issue ID
Tune SQL	Fixed issue that DB time statistics is always 0 after test running of SQL alternatives	TSE-1221
Tune SQL	Fixed an error when tune or test run update SQL statement if update table is a subquery	TSE-1220
Tune SQL	Fixed an error when explain, tune or test run SQL with semicolon again after inputting return and new line at the end of a SQL.	TSE-1222
Tune SQL	Fixed an error when explore indexes if SQL contains functions with DB link.	TSE-1180