



# DB Ace Enterprise for Oracle® 1.3.0 - Release Notes

Release Notes

Aug 2021

## About DB Ace Enterprise for Oracle®

DB Ace Enterprise (DB Ace™) for Oracle® is an automatic SQL tuning product that uses AI technology to tune your SQL statements by proprietary SQL Rewrite, Oracle Hints Injection, and exploring indexes technologies to improve your SQL statements' performance WITH or WITHOUT touching your source code. An intelligent cost-aware Indexes Advisor is also provided to recommend cost-effective indexes for a given SQL workload.

## Supported Oracle® versions

Oracle® 11.2 or higher

## Known Issues

1. Migration of SQL Patches or Plan Baselines from 12C or higher to 11G is not allowed.

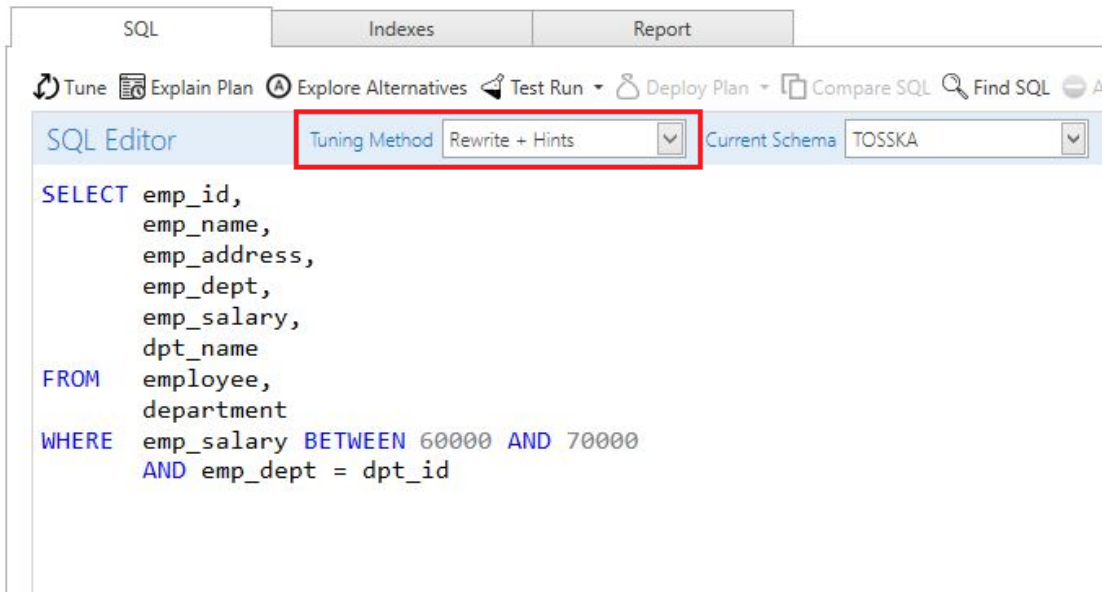
## DB Ace Enterprise for Oracle 1.3.0

DB Ace Enterprise 1.3.0 is a major release that includes new features, enhancements.

### Tune SQL / Tune Top SQL

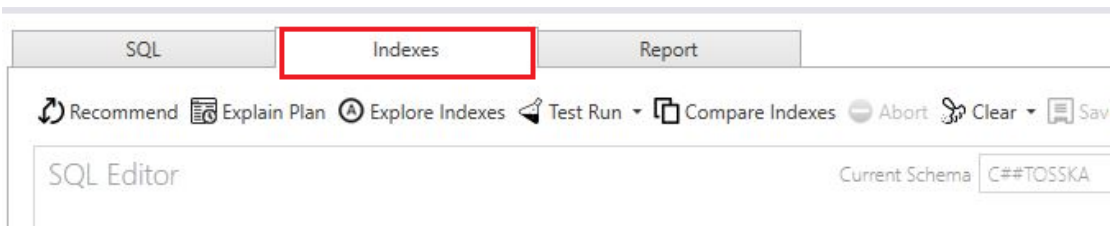
- Rewrite SQL

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



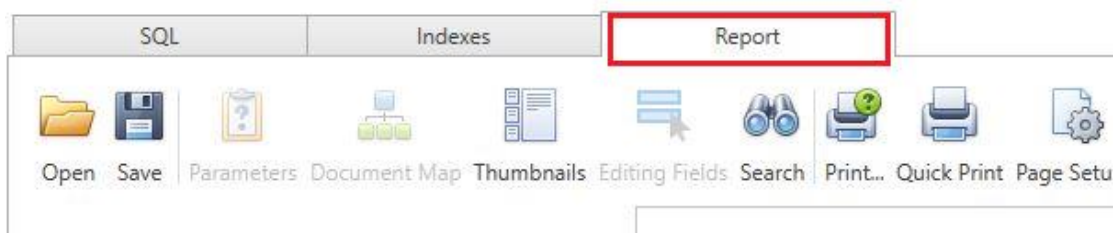
- **Recommend indexes for single SQL**

You can recommend indexes for single SQL with our AI technologies without compromise. The feature will explore potential best indexes to improve the given SQL speed



- **SQL Tuning Solution Report**

A SQL tuning report is provided after the SQL tuning and Indexes tuning processes, you can use the report to compare the performance gains of both SQL alternatives and indexes sets and decide which solution is worth implementing.





## Tune Top SQL

A module Tune Top SQL is provided to extract resource expensive SQLs from SGA or AWR for SQL tuning.

## Manage SQL Baselines

You can manage one or multiple deployed SQL Plan Baselines. You can use this function to enable, disable, drop or migrate selected SQL Plan Baselines.

## Manage SQL Patches

You can manage one or multiple deployed SQL Patches. You can use this function to enable, disable, drop or migrate selected SQL Patches.

## Advise Indexes

It is an Intelligent and cost-aware Indexes Advisor for a given SQL workload captured from AWR or SGA. The Advise Indexes is able to find the best recommendation of indexes within a certain quota or time. The recommended indexes will have the best impact to the given SQL workload.