

Oracle Database In-Memory

DOAG 2015 Konferenz

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Senior principal consultant, trainer and partner at Trivadis

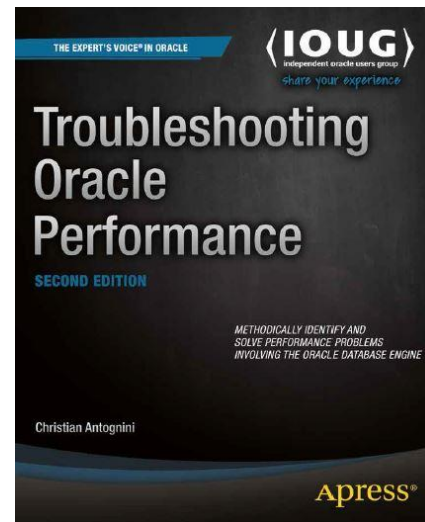
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Focus: get the most out of Oracle Database


- Logical and physical database design
- Query optimizer
- Application performance management

Author of Troubleshooting Oracle Performance (Apress, 2008/14)

OakTable Network, Oracle ACE Director



■ Our Company

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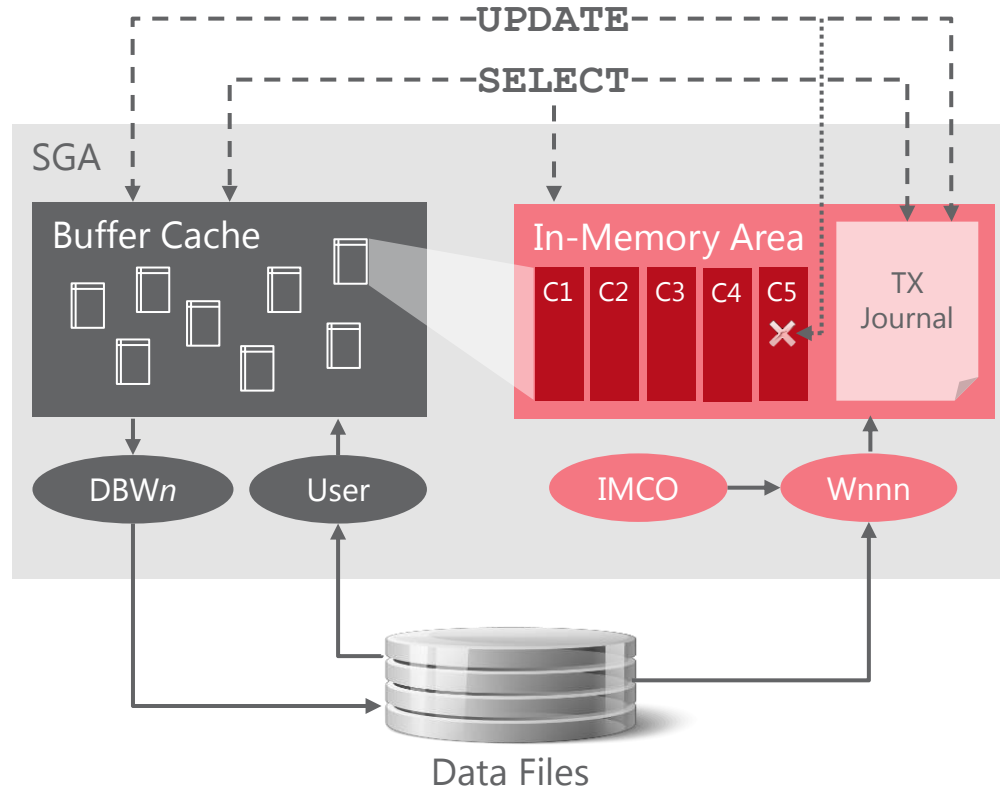


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Oracle Database In-Memory – Architecture Overview



■ Oracle Database In-Memory – Warning about Demos


The demos show the results of different performance tests.

The performance figures are intended only to explain and compare different kinds of processing and to give you a feel for their impact.

Every system and every application has its own characteristics. Therefore, the relevance of using each technique might be very different, depending on where it's applied.

■ Oracle Database In-Memory – Demos

- Population ([imcs_population.sql](#), [video](#))
- FTS, no filter ([imcs_fts_no_filter.sql](#), [video](#))
- FTS, simple filter ([imcs_fts_filter.sql](#), [video](#))
- FTS, no filter, aggregation ([imcs_fts_aggregation.sql](#), [video](#))
- Real query ([imcs_real_query.sql](#), [video](#))
- Distribution with RAC ([imcs_duplicate.sql](#), [video](#))
- Repopulation ([imcs_repopulation.sql](#), [video](#))



Tip: follow the links to access the scripts and the videos

■ Oracle Database In-Memory – Summary



- Performance improvements can be great
 - Don't always expect a factor 42-1000 speed up
 - Some scenarios can even be slower
 - There are various limiting factors
- Works out-of-the-box
 - Simple configuration

Trivadis at DOAG 2015

Level 3 - next to the escalator

We look forward to your visit.

Because with Trivadis you always win.

Questions and Answers...

Christian Antognini

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