

Published on *CERN openlab* (<http://test-static-05.web.cern.ch>)

[Home](#) > Oracle TimesTen in-memory Database Integration

Oracle TimesTen in-memory Database Integration ^[1]

Date published:

Monday, 1 September, 2014

Document type:

Summer student report

Author(s):

J. ?itný

Project Specification: The objective is to build an rpm/script/puppet module that will easily deploy TimesTen in-memory database on existing server/cluster. Create script configuring TimesTen in-memory database for usage with specific database/RAC and creating step-by-step document (Twiki+Snow KB) on how to get required data cached in a simple way. Ultimate outcome will be to have a new service to deploy TT caching easily on any puppetized DB server. Abstract: TimesTen is in-memory database from Oracle with ability to be attached as a cache to existing Oracle Database. The installation process of TimesTen requires a lot of configuration to be done and although Oracle provides some installation scripts to simplify that, one still needs to take a lot of steps and time to set everything up. This work explores the TimesTen configuration options, proposes the solution for automating as much of the setup as possible and presents the easiest ways to build a working in-memory cache layer for Oracle.

Report on ZENODO:

[Document on ZENODO](#) ^[2]

- [Visit Us](#)
- [RSS Feeds](#)

DISCLAIMER: This Web page contains pointers to material related to the management of CERN openlab in the Information Technology Department at the European Organization for Nuclear Research (CERN). Their use and distribution are regulated by the [CERN copyright notice](#).



Source URL: http://test-static-05.web.cern.ch/publications/technical_documents/oracle-timesten-memory-database-integration

Links

[1] http://test-static-05.web.cern.ch/publications/technical_documents/oracle-timesten-memory-database-integration

[2] <https://zenodo.org/record/11985>