

UNIVERSITY OF MELBOURNE

ADVANCED DATABASE SYSTEMS

COMP90050

In Memory Database Management Systems

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March 31, 2013

Abstract

Here we need to put the abstract of the work done.

1 Introduction

The main Introduction.

2 Background and Analysis

2.1 Concepts

Do we need to put concepts, I've found a good source from (Kemper and Neumann (2011))

2.2 Technology awareness

Let's put here something related with the main concerns that leads to this emerging technology.

2.3 IMDB Data Organization

2.3.1 Column-Store Database System

Is a good idea to do this for IMDB?. I have some articles in (Krishnamurthi & Berthelson, 2011) and in (Abadi, Boncz, & Harizopoulos, 2009)

2.4 IMDB Query Processing

2.5 IMDB Data Recovery

References

- Abadi, D. J., Boncz, P. A., & Harizopoulos, S. (2009, August). Column-oriented database systems. *Proc. VLDB Endow.*, 2(2), 1664–1665. Available from <http://dl.acm.org.ezp.lib.unimelb.edu.au/citation.cfm?id=1687553.1687625>
- Kemper, A., & Neumann, T. (2011). Hyper: A hybrid oltp&olap main memory database system based on virtual memory snapshots. *2011 IEEE 27th International Conference on Data Engineering (ICDE)*, 195. Available from <https://ezp.lib.unimelb.edu.au/login?url=https://search-ebscohost-com.ezp.lib.unimelb.edu.au/login.aspx?direct=true&db=edb&AN=80280785&site=eds-live>
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