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## References

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- [1] Jim Gray, Pat Helland, Patrick O'Neil, Dennis Shasha. The Dangers of Replication and a Solution. ACM SIGMOD International Conference on Management of Data, Montreal, Quebec, Canada, June 4-6, 1996.
- [2] Yuri Breitbart, Henry Korth. Replication and Consistency: Being Lazy Helps Sometimes, Proc. 16 ACM Sigact/Sigmod Symposium on the Principles of Database Systems, Tucson, Arizona, 1997.
- [3] Oracle Corporation, “Oracle Active Data Guard”. [Online]. Available: <http://www.oracle.com/database/active-data-guard.html>. [Accessed: Dec. 19, 2008].
- [4] Versant Corporation, “Versant Object Database”. [Online]. Available: [http://www.versant.com/en\\_US/products/objectdatabase](http://www.versant.com/en_US/products/objectdatabase). [Accessed: Dec. 19, 2008].
- [5] Progress Software Corporation, “Progress ObjectStore Enterprise”. [Online]. Available: <http://www.progress.com/psm/objectstore/object-database/index.ssp>. [Accessed: Dec. 19, 2008].
- [6] D.K. Giord. Weighted Voting for Replicated Data. ACM-SIGOPS Symp. On Operating Systems Principles, Pacic Grove, December 1979.

- [7] Matthias Wiesmann, Andr Schiper, Fernando Pedone, Bettina Kemme, Gustavo Alonso. Database Replication Techniques: A Three Parameter Classification. 19th IEEE Symposium on Reliable Distributed Systems (SRDS'00), Nürnberg, Germany, October 16-18, 2000.
- [8] Andrew S. Tanenbaum, Maarten van Steen. Distributed Systems: Principles and Paradigms. Prentice Hall, 2002.
- [9] C. Amza, A. L. Cox, and W. Zwaenepoel. Consistent replication for scaling backend databases of dynamic content web sites. In Middleware, 2003.
- [10] FARLEY, J.H.G. ASP SCHUS~E~t, S.A. Query execution and index selection for relational data bases. Tech. Rep. CSRG-53, Univ. Toronto, Toronto, Ont., Canada, March 1975.
- [11] C. Plattner and G. Alonso. Ganymed: Scalable replication for transactional web applications. In Middleware, 2004.
- [12] U. Röhm, K. Böhm, H-J. Schek, and H. Schuldt. FAS; a freshness-sensitive coordination middleware for a cluster of olap components. In VLDB, 2002.
- [13] C. Plattner and G. Alonso. Ganymed: Scalable replication for transactional web applications. In Middleware, 2004.
- [14] Yi Lin, Bettina Kemme, Marta Patiño-Martínez and Ricardo Jiménez-Peris: Middleware based data replication providing snapshot isolation. Proceedings of the 2005 ACM SIGMOD international conference on Management of data
- [15] Philip A. Bernstein and Nathan Goodman: Concurrency Control in Distributed Database Systems. ACM Comput. Surv. 13(2): 185-221(1981)

[16] Avishai Wool. Quorum Systems in Replicated Databases: Science or Fiction? Bulletin of the IEEE Computer Society Technical Committee on Data Engineering. 1998.

[17] Edgar Weippl, Wolfgang Essmayr. Fine Grained Replication in Distributed Databases: A Taxonomy and Practical Considerations. Database and Expert Systems Applications (DEXA 2000), London, UK, September 4-8, 2000.

[18] Rainer Gallersdörfer, Matthias Jarke, Matthias Nicola. The ADR Replication Manager, International Journal of Cooperative Information Systems (IJCS), Vol. 8, 1999.

[19] Werner Dreyer, Klaus Dittrich. A Meta Model and an Infrastructure for the Non-Transparent Replication of Object Databases, ACM CIKM International Conference on Information and Knowledge Management, McLean, Virginia, November 6-11, 2000.

[20] Bettina Kemme, Fernando Pedone, Gustavo Alonso, Andr Schiper. Processing Transactions over Optimistic Atomic Broadcast Protocols.

[21] Transaction Processing Performance Council, “TPC Benchmark™ App,” Feb. 28, 2008. [Online]. Available: [http://www.tpc.org/tpc\\_app/](http://www.tpc.org/tpc_app/) [Accessed: Nov. 29, 2008].

[22] Alexander Chigrik, “Index Optimization Tips,” Jun. 28, 2000. [Online]. Available:  
<http://www.databasejournal.com/features/mssql/article.php/1443581/Index-Optimization-Tips.htm> [Accessed: Dec. 20, 2008].