www.DBTechNet.org

On SQL Concurrency Technologies
- for Application Developers

With the support of the EC LLP Transversal programme of the European Union

Martti Laiho[1], Fritz Laux[2]

[1] Dpt. of Business Information Technology, Haaga-Helia University of Applied Sciences, Ratapihantie 13, 00520 Helsinki, Finland

[2] Dpt. of Informatics, Reutlingen University,
Alteburgstraße 150, 72762 Reutlingen, Germany,

Disclaimers

This project has been funded with support from the European Commission. This publication [communication] reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Trademarks of products mentioned are trademarks of the product vendors.

References

[1] N. S. Barghouti, G. E. Kaiser, 1991, Concurrency Control in Advanced Database Applications, ACM Computing Surveys, Vol 23, No 3, September

[2] H. Berenson et al, 1995, A Critique of ANSI SQL Isolation Levels, Proceedings of ACM SIGMOD 95

[3] T. Connolly, C. Begg, 2005, Database Systems, 4th ed., Addison Wesley

[4] G. Coulouris, J. Dollimore, T. Kindberg, 1994, Distributed Systems, Concepts and Design, 2nd ed., Addison-Wesley

[5] C. J. Date, 2004, An Introduction to Database Systems, 8th ed., Addison Wesley

[6] C. J. Date, 2009, SQL and Relational Theory, O'Reilly

[7] R. Elmasri, S. B. Navathe, 2000, Fundamentals of Database Systems, 3rd ed., Addison Wesley

[8] J. Gray, A. Reuter, 1993, Transaction Processing: Concepts and Techniques, Morgan Kaufmann

[9] P. Gulutzan, T. Pelzer, 1999, SQL-99 Complete, Really, R&D Books

[10] P. Gulutzan, T. Pelzer, 2003, SQL Performance Tuning, Addison Wesley

[11] J. Melton, A. R. Simon, 2002, SQL:1999 Understanding Relational Language Components, Morgan Kaufmann

[12] M. Laiho, F. Laux, 2008, “On Row Version Verifying (RVV) Data Access Discipline for avoiding Blind Overwriting of Data ", http://www.DBTechNet.org/papers/RVV_Paper.pdf

[13] R. Ramakrishnan, 1998, Database Management Systems, McGraw-Hill

[14] N. Roshak, 2006, "What's blocking my lock?", http://www.orafaq.com/node/854

[15] G. Stürner, 1995, Oracle 7: A User's and Developer's Guide, Thomson Computer Press

[16] G. Weikum, G. Vossen, "Transactional Information Systems", Morgan Kaufmann Publishers, 2002

[17] T. Haerder, A. Reuter, 1983, Principles of Transaction-Oriented Database Recovery, ACM Computing Surveys, Vol 15, No 4, Dec 1983

Product manuals:

[18] IBM, DB2 LUW V9.5 SQL Reference, Volume 1, March 2008

[19] IBM, DB2 LUW V9.5 SQL Reference, Volume 2, March 2008

[20] IBM, DB2 LUW V9.5 Tuning Database Performance, March 2008

[21] Microsoft, SQL Server 2008, Books Online, December 2008

[22] Oracle, SQL Language Reference manual, 11g Release 1 (11.1), July 2007

[23] Oracle, Performance Tuning Guide, 11g Release 1 (11.1), July 2007

[24] Oracle, PL/SQL Languange Reference manual,11g Release 1 (11.1), Sept 2007

[25] The Pyrrho Database Management System, 3.3, September 2009