参考文献

[Adya2002] A. Adya, W. J. Bolosky, M. Castro, G. Cermak. FARSITE: federated, available, and reliable storage for an incompletely trusted environment. In Symp. On Operating Systems Design and Implementation (OSDI 2002), USENIX Association, 2002:1-15

[Agrawal2007] N. Agrawal, W. J. Bolosky, J. R. Douceur, J. R. Lorch. A Five-Year Study of File System Metadata. 5th USENIX Conference on File and Storage Technologies (USENIX FAST'07), 2007: 31–45

[Anderson1995]T. E. Anderson, M. D. Dalhin, J. M. Neefe, D. A. Patterson. Serverless Network File Systems. in Proc. of 15th Symp. On Operating System Principles (SOSP 1995), 1995:109-126

[Anderson2000-1] D. C. Anderson, J. S. Chase, A. Vahdat. Interposed request routing for scalable network storage. In 4th Symp. On Operating Systems Design and Implementation (OSDI 2000), 2000

http://citeseer.ist.psu.edu/article/anderson00interposed.html

[Anderson2000-2] D. C. Anderson, J. S. Chase. Failure-atomic file access in an interposed network storage system. In Proceedings of the 9th IEEE International Symp. On High Performance Distributed Computing (HPDC 2000), 2000:157-164

http://citeseer.ist.psu.edu/anderson00failureatomic.html

[Bach1987] M. J. Bach, the Design of the UNIX Operating System, Upper Saddle River, NJ: Prentice Hall, 1987

[Baker1991] M. Baker, J. H. Hartman, M. D. Kupfer, K. W. Shirriff, J. Ousterhout. Measurements of a Distributed File System. In Proceedings of the 13th Symp. On Operating Systems Principles (SOSP 1991), 1991:198-211

http://citeseer.ist.psu.edu/article/baker91measurements.html

[Best2002] S. Best. JFS Log – How the Journaled File System Performs Logging, www.free-soft.org/FSM/english/issue03/sbest.pdf

[Bovet2002] D. P. Bovet, M. Cesati. Understanding the Linux Kernel, 2nd Edition. O'Reilly, Dec. 2002, ISBN: 0-596-00213-0

[Bozman1991] G. P. Bozman, H. H. Ghannad, E. D. Weinberger. A Trace-driven study of CMS file references. IBM Journal of Research and Development, Vol. 35 NO. 5/6, Sep./Nov. 1991:815-828

[Braam1999] P. J. Braam, M. Callahan, P. Schwan. The InterMezzo File System. In Proc. of the 3rd of the Perl Conference, O'Reilly Open Source Convention, 1999

[Braam2002] P. J. Braam. The Lustre Storage Architecture. 2002. http://www.lustre.org

[Brandt2003] S. A. Brandt, E. L. Miller, D. D. E. Long, Lan Xue. Efficient Metadata Management in Large Distributed Storage Systems. Proceedings of the 20th IEEE/ 11th NASA Goddard Conference on Mass Storage Systems and Technologies (MSST), 2003:290-298

[Callaghan1995] B. Callaghan, B. Pawlowski, P. Staubach. NFS Version 3 Protocol Specification, Network Working Group, RFC1813, June 1995

[Chang1999] F. Chang, G. Gibson. Automatic I/O hint generation through speculative execution. In Proceedings of the 3rd Symp. On Operating Systems Design and Implementation (OSDI 1999). 1999:1-14

[Chinner2006] D. Chinner, J. Higdon. Exploring High Bandwidth Filesystems on Large Systems. Linux Symposium 2006

http://oss.sgi.com/projects/xfs/papers/ols2006/ols-2006-paper.pdf

[Corbett1996] P. F. Corbett, D. G. Feitelson. The Vesta parallel file system. ACM Transactions on Computer Systems (TOCS), Vol. 14 NO. 3, August 1996:225-264

http://citeseer.ist.psu.edu/ corbett96vesta.html

[Dahlin1994-1] M. Dahlin, C. Mather, R. Wang, T. Anderson, D. Patterson. A Quantitative Analysis of Cache Policies for Scalable Network File Systems. In Proc. of 1994 SIGMETRICS, 1994:150-160

http://citeseer.ist.psu.edu/dahlin94quantitative.html

[Dahlin1994-2] M. Dahlin, R. Wang, T. Anderson, D. Patterson. Cooperative Caching: Using Remote Client Memory to Improve File System Performance. In Proc. of the 1st Symp. On Operating Systems Design and Implementation (OSDI 1994), 1994:267-280

http://citeseer.ist.psu.edu/dahlin94cooperative.html

[Daley1965] R. C. Daley, P. G. Neumann. A General-Purpose File System for Secondary Storage. 1965 Fall Joint Computer Conference, 1965

http://www.multicians.org/fjcc4.html

[**Dielh1992**] C. Diehl, C. Jard. Interval Approximations and Message Causality in Distributed Systems. Proc. of the 9th Annual Symposium on Theoretical Aspects of Computer Science STACS '92, LNCS 577, 1992:363-374

[Du2001] 杜聪, 徐志伟. COSMOS 文件系统的性能分析. 计算机学报, 2001 年第 7 期, 2001:702-709

[Ellard2003] D. Ellard, J. Ledlie, P. Malkani, M. Seltzer. Passive NFS Tracing of Email and Research Workloads. In Proceedings of the 2nd USENIX Conference on File and Storage Technologies (FAST'03), 2003: 203-216

http://citeseer.ist.psu.edu/ellard03passive.html

[Ellard2004] D. Ellard. Trace-Based Analyses and Optimizations for Network Storage Servers. Harvard Computer Science Technical Report TR-11-04, 2004

[Fan2004] Zhihua Fan, Jin Xiong, Jie Ma. A Failure Recovery Mechanism for Distributed Metadata Servers in DCFS2. Proceedings of the High Performance Computing and Grid in Asia Pacific Region, Seventh International Conference on (HPCAsia'04), 2004:2-8

[Fishburn1985] P. C. Fishburn. Interval Orders and Interval Graphs. Wiley, New York, 1985

[Floyd1989] R. A. Floyd, C. S. Ellis. Directory Reference Patterns in Hierarchical File Systems. IEEE Transactions on Knowledge and Data Engineering, Vol.1 NO.2, 1989:238-247

[Franklin1996] M. Franklin, G. Sohi. ARB: A hardware mechanism for dynamic reordering of memory references. IEEE Trans. On Computers, 45(5), 1996: 552-571

[Fraser2003] K. Fraser, F. Chang. Operating system I/O speculation: How two invocations are faster than one. In Proceedings of the 2003 USENIX Technical Conference. 2003:325-338

[Ganger2000] G. Ganger, M. McKusick, C. Soules. Soft updates: A solution to the metadata update problem in file systems. Transactions on Computer Systems (TOCS), Vol. 18 No.2, 2000: 127-153

[Gibson1997] G. Gibson. File server scaling with network-attached secure disks. In Proceedings of the ACM International Conference on Measurement and Modeling of Computer Systems (Sigmetrics '97), 1997:272 - 284

http://citeseer.ist.psu.edu/gibson97file.html

[Glider2003] J. S. Glider, C. F. Fuente, W. J. Scales. The Software Architecture of a SAN Storage Control System. IBM Systems Journal, Vol. 42 NO. 2, 2003:232-249

[Gray1981] J. N. Gray, P. Homan, H. F. Korth, R. L. Obermarck, A Straw Man Analysis of the Probability of Waiting and Deadlock in Database Systems Technical Report RJ 3066, IBM Research Laboratory, San Jose, Calif., 1981

[Gonzales1999] J. R. Gonzales de Mendivil, F. Farina, J. R. Garitagoitia, C. F. Alastruey, J. M. Bernabeu-Auban. A Distributed Deadlock Resolution Algorithm for the AND Model. IEEE Trans. Parallel and Distributed Systems, Vol. 10 NO. 5, 1999:433-447

[Hammond1998] L. Hammond, M. Willey, K. Olukotun. Data speculation support for a chip multiprocessor. In Proc. of the 8th International ACM Conference on Architecture Support for

Programming Languages and Operating Systems (ASPLOS 1998). 1998:58-69

[Hendricks2006] J. Hendricks, S. Sinnamohideen, R. R. Sambasivan, G. R. Ganger. Eliminating Cross-server operations in scalable file systems. Carnegie Mellon University Parallel Data Lab Technical Report CMU-PDL-06-105, 2006

[Hennessy2002] J. L. Hennessey, D. A. Patterson. Computer Architecture: A Quantitative Approach. Morgan Kaufmann Pub., 2002. ISBN: 1558605967

[Henson2006] V. Henson. KHB: A Filesystems reading list. http://lwn.net/Articles/196292/

[Hertel2003] C. Hertel. Implementing CIFS-The Common Internet File System. Prentice Hall. 2003. ISBN 0-13-047116-X

[Howard1987] J. Howard, M. Kazar, S. Menees, D. Nichols, M. West. Scale and Performance in a Distributed File System. Proceedings of the 11th ACM Symposium on Operating systems principles (SOSP 1987), 1987:1-2

[Hsu2001] W. W. Hsu, A. J. Smith, H. C. Young. I/O Reference Behavior of Production Database Workloads and the TPC Benchmarks---an Analysis at the Logical Level. ACM Transactions on Database Systems (TODS 2001), Vol. 26 NO.1, 2001:96-143

[Huang2005] 黄华. 蓝鲸分布式文件系统的资源管理. 中国科学院研究生院博士学位论文, 2005

[Jefferson1987] D. Jefferson, B. Beckman, F. Wieland, L. Blume. Time Warp Operating System. In Proc. of the 11th ACM Symp.On Operating Systems Principles (SOSP 1987), 1987:77-93

[Karamanolis2001] C. Karamanolis, L. Liu, M. Mahalingam, D. Muntz, Z. Zhang. Architecture for Scalable and Manageable File Services. HPL-2001-173, 2001

[Katz1990] S. Katz, D. Peled. Interleaving Set Temporal Logic. Theoretical Computer Science 75, 1990:263-287

[King2003] S. T. King, P. M. Chen. Backtracking Intrusions. In Proc. of the 19th ACM Symp. On Operating Systems Principles (SOSP 2003), 2003:223-236

[Krivokapic1999] N. Krivokapic, A. Kemper, E. Gudes. Deadlock Detection in Distributed Database Systems: A New Algorithm and a Comparative Performance Analysis. J. Very Large Data Bases (VLDB), Vol. 8 NO. 2, 1999:79-100

[Kronenberg1986] N. P. Kronenberg, H. M. Levy, W. D. Strecker. VAXclusters: A Closely-Coupled Distributed System. ACM Transactions on Computer Systems (TOCS 1986), Vol. 4, No. 2, 1986:130-146

[Kryder2006] M. H. Kryder. Future Storage Technologies: a Look beyond the Horizon. A

presentation at the Storage Networking World

http://www.snwusa.com/documents/presentations-s06/MarkKryder.pdf

[Kshemkalyani1999] A. D. Kshemkalyani, M. Singhal. A One-Phase Algorithm to Detect Distributed Deadlocks in Replicated Databases. IEEE Trans. Knowledge and Data Eng., Vol. 11 NO. 6, 1999:880-895

[Lamport1978] L. Lamport. Time, Clocks, and the Ordering of Events in a Distributed System. Communications of the ACM, Vol. 21 No. 7, 1978:558-565

[Lee1996] E. K. Lee, C. A. Thekkath. Petal: distributed virtual disks. In Proceedings of the Seventh international Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS VII), 1996:84-92

DOI= http://doi.acm.org/10.1145/237090.237157

[Lee2001] S. Lee, J. L. Kim. Performance Analysis of Distributed Deadlock Dectection Algorithms. IEEE Trans. Knowledge and Data Eng., Vol. 13 NO. 3, 2001:623-636

[Levy1990] E. Levy, A. Silberschatz. Distributed file systems: concepts and examples. ACM Computing Surveys (CSUR) Volume 22 Issue 4, 1990:321-374

[Li2006] Weijia Li, Wei Xue, Jiwu Shu, Weimin Zheng. Dynamic Hashing: Adaptive Metadata Management for Petabyte-Scale File Systems. 14th NASA Goddard, 23rd IEEE Conference on Mass Storage Systems and Technologies (MSST 2006), 2006

[Ling2006] Yibei Ling, Shigang Chen, Cho-Yu Jason Chiang. On Optimal Deadlock Detection Sheduling. IEEE Transactions on Computers, Vol. 55 NO. 9, 2006:1178-1187

[Lions1996] J. Lions. Lions' Commentary on UNIX® 6th Edition, with Source Code, San Jose, CA: Peer-to-Peer Communications, 1996

[Liu1994] M. Liu, D. Agrawal, A. El Abbadi. The Performance of Two-Phase Commit Protocols in the Presence of Site Failures. Proc. of 24th Intl. Symp. On Fault-Tolerant Computing, 1994:234-243

http://citeseer.ist.psu.edu/article/liu94performance.html

[Luckham1995] D. C. Luckham, J. J. Kenney, L. M. Augustin, J. Vera, D. Bryan, W. Mann. Specification and Analysis of System Architecture Using Rapide. IEEE Transactions on Software Engineering, 21(4), 1995:336-355

http://citeseer.ist.psu.edu/article/luckham95specification.html

[Lustre-SGSRFP2001] Lustre.org. Statement of Work: SGS File System, 2001

http://www.lustre.org/docs/SGSRFP.pdf

[Massey1986] W. A. Massey. A Probabilistic Analysis of a Database System. ACM