

These publications are cited in the Instructor's Guide. We have annotated some of them (in this typeface) to indicate how they expand on various topics discussed in the book.

- [Amir *et al.* 1992] Amir, Y., Dolev, D., Kramer, S. and Malki, D. (1992). Transis: A communication subsystem for high availability. *Proc. 22nd Annual International Symposium on Fault-tolerant Computing*, pp. 76-84.
- [Anderson *et al.* 1992] Anderson, D.P., Osawa, Y. and Govindan, R., A File System for Continuous Media, *ACM Trans. on Computer Systems*, Vol. 10, No. 4, pp.311-337, November 1992. An early paper describing a file service design for multimedia applications with time-based data.
- [Douglass and Ousterhout 1991] Douglass, F. and Ousterhout, J.(1991). Transparent process migration: design alternatives and the Sprite implementation. *Software-Practice and Experience*, vol. 21, no. 8, pp. 757-785.
- [Duchamp 1994] Duchamp, D., Optimistic Lookup of Whole NFS Paths in a Single Operation, Summer USENIX Proceedings, Boston, MA, June 1994, pp 161-169. An interesting discussion of a modified NFS that performs whole pathname lookups optimistically.
- [Florin and Toinard 1992] Florin, G. and Toinard, C. (1992). A new way to design causally and totally ordered multicast protocols. *ACM Operating Systems Review*, vol. 26, no. 4, pp. 77-83.
- [Lo 1994] Lo, S.L., A Modular and Extensible Network Storage Architecture, *Technical Report TR326*, Cambridge University Computer Laboratory, January 1994, (<ftp:ftp.cl.cam.ac.uk/reports/TR326-sll-network.storage.architecture.ps.gz>). A recent paper describing a file service design for multimedia applications with time-based data combined with conventional data.
- [Melliari-Smith *et al.* 1990] Melliari-Smith, P., Moser, L. and Agrawala, V. (1990). Broadcast protocols for distributed systems. *IEEE Transactions on parallel and distributed systems*, vol. 1, no. 1, pp. 17-25.
- [Mullender 1993] Mullender, S. (ed.), (1993) *Distributed Systems*, second edition,, ACM Press, 1993.
- [Pawlowski *et al.* 1994] Pawlowski, B., Juscak, C., Staubach, P., Smith, C., Lebel, D., and Hitz, D., NFS Version 3, Design and Implementation, Summer USENIX Proceedings, Boston, MA, June 1994, pp 137-152. Improvements to NFS to overcome the 'write-through bottleneck' and several other problems.
- [Ramanathan *et al.* 1990] Ramanathan, P., Shin, K. and Butler, R. (1990). Fault-tolerant clock synchronization in distributed systems. *IEEE Computer*, vol. C-39, pp. 33-42.
- [Reiter *et al.* 1992] Reiter, M., Birman, K. and Gong, L.(1992). Integrating security in a group-oriented distributed system. *Proc. IEEE Symposium on Research in Security and Privacy*, pp. 18-32.
- [Rosenblum and Ousterhout 1992] Rosenblum, M. and Ousterhout, J.K., The design and Implementation of a Log-Structured File System, *ACM Trans. on Computer Systems*, Vol. 10, No. 1, pp.26-52, February 1992. Standard reference on log-based file server design.
- [Srikanth and Toueg 1987] Srikanth, T. and Toueg, S. (1987). Optimal clock synchronization. *Journal of the ACM*, vol. 34, no. 3, pp. 626-645.