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## *Recommended Readings and References*

This appendix lists some books and papers that should assist you in finding additional information on the topics covered in the book.

### *Books on Operating Systems*

Bach, Maurice. *The Design of the UNIX Operating System*. Englewood Cliffs, NJ: Prentice Hall Inc., 1986.

Custer, Helen. *Inside Windows NT*. Redmond, WA: Microsoft Press, 1993.

Custer, Helen. *Inside the Windows NT File System*. Redmond, WA: Microsoft Press, 1994.

Deitel, Harvey. *An Introduction to Operating Systems*. Reading, MA: Addison-Wesley Publishing Co., 1984.

Goodheart, Berny, and James Cox. *The Magic Garden Explained: The Internals of UNIX System V Release 4, An Open-Systems Design*. Englewood Cliffs, NJ: Prentice Hall Inc., 1994.

Hwang, Kai, and Faye Briggs. *Computer Architecture and Parallel Processing*. Singapore: McGraw-Hill Book Co., 1985.

Mitchell, Stan. *Inside the Windows95 File System*. Sebastopol, CA: O'Reilly & Associates, Inc., 1997.

Tannenbaum, Andrew. *Operating Systems: Design and Implementation*. Englewood Cliffs, NJ: Prentice Hall Inc., 1987.

Vahalia, Uresh. *UNIX Internals: The New Frontiers*. Upper Saddle River, NJ: Prentice Hall Inc., 1996.

## ***Books on CPU Architectures***

Heinrich, Joe. *MIPS R4000 User's Manual*. Englewood Cliffs, NJ: Prentice Hall Inc., 1993.

Intel Corporation. *80386 Programmer's Reference Manual*. Beaverton, OR: Intel Corporation, 1986.

Intel Corporation. *Intel486 Processor Family Programmer's Reference*. Beaverton, OR: Intel Corporation, 1992.

Sites, Richard, and Richard Witek. *Alpha AXP Architecture Reference Manual, Second Edition*. Newton, MA: Digital Press, 1995.

## ***Books on Driver Development***

Baker, Art. *The Windows NT Device Driver Book: A Guide For Programmers*. Upper Saddle River, NJ: Prentice Hall, PTR, 1997.

Egan, Janet, and Thomas Teixeira. *Writing a UNIX Device Driver, Second Edition*. John Wiley & Sons, Inc., 1992.

## ***Selected Papers***

Bach, M. J., et al. "A Remote-File Cache for RFS." *USENIX 1987 Summer Conference Proceedings*, June 1987.

Bershad, B. N., J. B. Chen, D. Lee, and T. H. Romer. "Avoiding Cache Misses Dynamically in Large Direct-Mapped Caches." *Proceedings of the Sixth International Conference on Architectural Support for Programming Languages and Operating Systems*, ACM, 1994.

Bershad, B. N., J. B. Chen, D. Lee, and T. H. Romer. "Dynamic Page Mapping Policies for Cache Conflict Resolution on Standard Hardware." *Proceedings of the First Symposium on Operating Systems Design and Implementation*, USENIX Association, November 1994.

Gingell, R., J. Moran, and W. Shannon. "Virtual Memory Architecture in SunOS." *USENIX Conference Proceedings*, USENIX Association, Summer 1997.

Howard, J. H., M. L. Kazar, S. G. Nichols, D. A. Nichols, M. Satyanarayanan, R. N. Sidebotham, and M. J. West. "Scale and Performance in a Distributed File System." *ACM Transactions on Computer Systems*, vol. 6, no. 1, February 1988.

Kazar, M. L., Leverett et al. "Decorum File System Architectural Overview." *USENIX Conference Proceedings*, June 1990.

- Kleiman, S. R. "Vnodes: an Architecture for Multiple File System Types in Sun UNIX." *USENIX Conference Proceedings*, Summer 1986.
- McKusick, M. K., W. N. Joy, S. J. Leffler, and R. S. Fabry. "A Fast File System For UNIX." *Transactions on Computer Systems*, vol. 2, no. 3, August, 1984.
- Morris, J. H., M. Satyanarayanan, M. H. Conner, J. H. Howard, D. Rosenthal, and F. D. Smith. "Andrew: A Distributed Personal Computing Environment." *Communications of the ACM*, March 1986.
- Patterson, D. A., G. Gibson, R. H. Katz. "A Case for Redundant Arrays of Inexpensive Disks (RAID)." *Proceedings of ACM SIGMOD Conference*, June 1988.
- Rosenthal, David. "Evolving the Vnode Interface." *USENIX Conference Proceedings*, Summer 1990.
- Sandberg, R., D. Goldberg, S. Kleiman, D. Walsh, and B. Lyon. "Design and Implementation of the Sun Network File System." *USENIX Conference Proceedings*, Summer 1985.
- Satyanarayanan, M., J. J. Kistler, P. Kumar, M. E. Okasaki, E. H. Siegel, and D. C. Steere. "Coda: A Highly Available File System for a Distributed Workstation Environment." *IEEE Transactions on Computers*, vol. 39, no. 4, April, 1990.
- Satyanarayanan, M., J. H. Howard, D. A. Nichols, R. N. Sidebotham, and A. Z. Spector. "The ITC Distributed File System: Principles and Design." *Proceedings of the Tenth ACM Symposium on Operating Systems Principles*, 1985.
- Seltzer, M., K. Bostic, M. MsKusick, and C. Staelin. "An Implementation of a Log-Structured File System for UNIX." *USENIX Association Conference Proceedings*, January 1993.
- Walker, B., G. Popek, R. English, C. Kline, and G. Thiel. "The LOCUS Distributed Operating System." *Proceedings of the 9th ACM Symposium on Operating System Principles*, October 1983.