OS 参考文献一覧

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参考文献

- [1] Gert van Loo. BCM2836 ARM-local peripherals QA7 ARM Quad A7 core. RASPBERRY PI FOUNDATION, rev 3.4 edition, August 2014.
- [2] Broadcom Corporation. BCM2835 ARM Peripherals, February 2012.
- [3] Broadcom Corporation. VideoCore IV 3D Architecture Reference Guide, September 2013.
- [4] Arm Limited. $ARM^{\textcircled{R}}$ Cortex $^{\textcircled{R}}$ -A53 MPCore Processor Technical Reference Manual, r0p2 edition, February 2014.
- [5] Arm Limited. ARM® Architecture Reference Manual ARMv8, for ARMv8-A architecture profile, December 2017.
- [6] Arm Limited. ARM® Cortex®-A Series Programmer's Guide for ARMv8-A, 第 1.0 版, March 2015.
- [7] AArch64 Exception and Interrupt Handling, 0.1 edition, February 2017.
- [8] Arm Limited. Procedure Call Standard for the ARM® 64-bit Architecture(AArch64), 1.0 edition, May 2013.
- [9] Arm Limited. PrimeCell® Generic Interrupt Controller (PL390), r0p0 edition, November 2009.
- [10] Arm Limited. ARM® Generic Interrupt Controller Architecture version 2.0, July 2013.
- [11] Arm Limited. ARM® Generic Interrupt Controller Architecture Specification GIC architecture version 3.0 and version 4.0, July 2016.
- [12] Arm Limited. PrimeCell® UART (PL011), r1p4 edition, November 2005.
- [13] Arm Limited. ARM® Cortex®-A Series Programmer's Guide for ARMv8-A, 第 1.0 版, March 2015.
- [14] Arm Limited. ARMv8-A Address Translation, 1.0 edition, February 2017.
- [15] Arm Limited. Bare-metal Boot Code for ARMv8-A Processors, 1.0 edition, March 2017.
- [16] Intel Corporation. Intel® 64 and IA-32 Architectures Software Developer's Manual, December 2009.
- [17] The Santa Cruz Operation, Inc. System V Application Binary Interface, 4.1 edition, March 1997.
- [18] The Santa Cruz Operation, Inc. ELF-64 Object File Format, 1.5 draft 2 edition, May 1998.
- [19] Xinuos, Inc. System V Application Binary Interface, draft-10 edition, June 2013.
- [20] Arm Limited. ELF for the ARM^{\circledR} Architecture, 2.10 edition, November 2015.
- [21] Arm Limited. ELF for the ARM® 64-bit Architecture (AArch64), 1.0 edition, may 2013.
- [22] Jan Hubicka, Andreas Jaeger, and Mark Mitchell. System V Application Binary Interface AMD64 Architecture Processor Supplement, draft version 0.90 edition, dec 2003.
- [23] Abraham Silberschatz, Greg Gagne, and Peter B. Galvin. *Operating System Concepts*. Wiley, 10 edition, January 2018.
- [24] William Stallings. Operating Systems: Internals and Design Principles (9th Edition). Pearson, 9 edition, March 2017.
- [25] Thomas Anderson and Michael Dahlin. Operating Systems: Principles and Practice. Recursive books, 2nd edition, 2014.
- [26] Remzi H. Arpaci-Dusseau and Andrea C. Arpaci-dusseau. Operating Systems: Three Easy Pieces. Amazon Digital Services, 9 2018.
- [27] Andrew S Tanenbaum and Albert S Woodhull. Operating Systems Design and Implementation (Prentice

参考文献 2

- Hall Software Series). Prentice Hall, 3rd edition, December 2005.
- [28] Mamoru Maekawa, Arthur E Oldehoeft, and Rodney R Oldehoeft. Operation Systems: Advanced Concepts. Benjamin-Cummings Publishing Co., Inc., Redwood City, CA, USA, 1986.
- [29] Mukesh Singhal and Niranjan Shivaratri. Advanced Concepts In Operating Systems (McGraw-Hill Series in Computer Science). McGraw-Hill Science/Engineering/Math, 1 edition, 1 1994.
- [30] 前川守. オペレーティングシステム. 岩波講座 ソフトウェア科学, No. 6. 岩波書店, 1988.
- [31] 前川守. ソフトウェア実行/開発環境. 岩波講座 ソフトウェア科学, No. 7. 岩波書店, 1992.
- [32] Uresh Vahalia. UNIX Internals: The New Frontiers. Prentice Hall, 1st edition, October 1995.
- [33] Maurice J. Bach. Design of the UNIX Operating System (Prentice Hall Software Series). Prentice Hall, 1st edition, May 1986.
- [34] Curt Schimmel. UNIX Systems for Modern Architectures: Symmetric Multiprocessing and Caching for Kernel Programmers (Addison-Wesley Professional Computing Series). Addison-Wesley Professional, 1st edition, June 1994.
- [35] Berny Goodheart and James Cox. The Magic Garden Explained: The Internals of UNIX System V Release 4: an Open Systems Design. Prentice-Hall, Inc., Upper Saddle River, NJ, USA, 1994.
- [36] Steve D. Pate. UNIX Internals: A Practical Approach. Addison-Wesley, 1996.
- [37] John Lions. Lions' Commentary on Unix. PEER TO PEER COMMUNICATIONS, revised edition, 1996.
- [38] Marshall Kirk McKusick, Keith Bostic, Michael J. Karels, and John S. Quarterman. *The Design and Implementation of the 4.4BSD Operating System*. Addison Wesley Longman Publishing Co., Inc., Redwood City, CA, USA, 1996.
- [39] Marshall Kirk McKusick, George Neville-Neil, and Robert N.M. Watson. The Design and Implementation of the FreeBSD Operating System. Addison-Wesley Professional, 2nd edition, 2014.
- [40] Joseph Boykin, David Kirschen, Alan Langerman, and Susan LoVerso. Programming Under Mach. Addison-Wesley Professional, April 1993.
- [41] Mark E. Russinovich, David A. Solomon, and Alex Ionescu. インサイド Windows 第 6 版 上 (Microsoft Press). 日経 BP 社, October 2012.
- [42] Mark E. Russinovich, David A. Solomon, and Alex Ionescu. インサイド Windows 第 6 版 下 (Microsoft Press). 日経 BP 社, May 2013.
- [43] 鈴木治. 次世代 OS アーキテクチャ QNX オペレーティング・システムの世界「マイクロカーネル OS」と「ネットワーク分散処理」. 工学社, December 1994.
- [44] Pradeep K. Sinha. Distributed Operating Systems: Concepts and Design. PHI Learning, 12 2009.
- [45] George Fankhauser, Christian Conrad, Eckart Zitzler, and Bernhard Plattner. *Topsy A Teachable Operating System*. Computer Engineering and Networks Laboratory, ETH Zurich, 2000.
- [46] Douglas Comer and Dennis Brylow. Embedded Xinu main page. http://xinu.mscs.mu.edu/Main_Page, 2013.
- [47] Douglas Comer. Operating System Design: The Xinu Approach. Chapman and Hall/CRC, 2nd edition, March 2015.
- [48] Ben Pfaf. Pintos. Stanford University, 2004.
- [49] K. C. Wang. Design and Implementation of the MTX Operating System. Springer, 2015.
- [50] Russ Cox, Frans Kaashoek, and Robert Morris. xv6 a simple, Unix-like teaching operating system. Parallel and Distributed Operating Systems group at MIT CSAIL, 10 edition, August 2017.
- [51] Doug Lea. A memory allocator. http://gee.cs.oswego.edu/dl/html/malloc.html. Accessed: 2018-06-20.
- [52] Dominic Giampaolo. Practical File System Design with the Be File System. Morgan Kaufmann Publishers Inc., San Francisco, CA, USA, 1st edition, 1998.
- [53] Steve D. Pate. UNIX Filesystems: Evolution, Design, and Implementation. Veritas. Wiley, 2003.

参考文献 **3**

[54] Thomas R. Harbron. File Systems: Structures and Algorithms. Prentice-Hall, Inc., Upper Saddle River, NJ, USA, 1988.

- [55] Michael J. Folk. File Structures. Addison-Wesley Longman Publishing Co., Inc., Boston, MA, USA, 2nd edition, 1999.
- [56] Alan L. Tharp. File Organization & Processing. John Wiley & Sons, 1 edition, 1 1988.
- [57] J. E. Cooling. *Real-Time Operating Systems: Book 1 The Theory*. No. 1 in The Engineering of Real-Time Embedded Systems Series. Independently Published, 2017.
- [58] J. E. Cooling. *Real-time Operating Systems: Book 2 The Practice*. No. 2 in The Engineering of Real-Time Embedded Systems Series. Lindentree Associates, 2017.
- [59] K.C. Wang. Embedded and Real-Time Operating Systems. Springer International Publishing, 1 edition, 2017.
- [60] トロン協会. μITRON3.0 標準ハンドブック改訂新版. パーソナルメディア, 改訂新, July 1997.
- [61] トロン協会, 坂村健(編). μ ITRON4.0 標準ガイドブック. パーソナルメディア, November 2001.
- [62] 沢田勉, 権藤正樹, 永井正武. 実用 組込み OS 構築技法 情報通信を支える基礎技術 RTOS 入門. 共立出版, November 2001.
- [63] 桑野雅彦. パソコンのレガシィ I/O 活用大全 割り込みと DMA からシリアル/パラレル・ポート、FDD/IDE インターフェースまで (ハードウェアデザインシリーズ). CQ 出版, July 2001.
- [64] David A. Patterson and John L. Hennessy. Computer Organization and Design, Fifth Edition: The Hardware/Software Interface. Morgan Kaufmann Publishers Inc., San Francisco, CA, USA, 5th edition, 2013.
- [65] Randal E. Bryant and David R. O'Hallaron. Computer Systems: A Programmer's Perspective, Global Edition. Pearson Education Limited, 3rd edition, 10 2015.
- [66] John R. Levine. Linkers and Loaders. Morgan Kaufmann, 1st edition, October 1999.
- [67] Steve Chamberlain and Ian Lance Taylor. The GNU linker. Free Software Foundation, 2018.
- [68] Robert Sedgewick. Algorithms in C parts 1-4: fundamentals, data structures, sorting, searching (3. ed.). Addison-Wesley-Longman, 1998.
- [69] Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein. Introduction to Algorithms, Third Edition. The MIT Press, 3rd edition, 2009.
- [70] Donald E. Knuth. The Art of Computer Programming, Volume 1 (3rd Ed.): Fundamental Algorithms. Addison Wesley Longman Publishing Co., Inc., Redwood City, CA, USA, 3rd edition, 1997.
- [71] Steve Oualline. Practical C Programming (3rd Ed.). O'Reilly & Associates, Inc., Sebastopol, CA, USA, 1997.
- [72] Samuel P. Harbison and Guy L. Steele Jr. C: A Reference Manual. Prentice Hall, 5 edition, February 2002.