

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[®] Cortex[®]-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[®] Architecture*, 2.10 edition, November 2015.
- [21] Abraham Silberschatz, Greg Gagne, and Peter B. Galvin. *Operating System Concepts*. Wiley, 10 edition, January 2018.
- [22] William Stallings. *Operating Systems: Internals and Design Principles (9th Edition)*. Pearson, 9 edition, March 2017.
- [23] Thomas Anderson and Michael Dahlin. *Operating Systems: Principles and Practice*. Recursive books, 2nd edition, 2014.
- [24] Andrew S Tanenbaum and Albert S Woodhull. *Operating Systems Design and Implementation (Prentice Hall Software Series)*. Prentice Hall, 3 edition, December 2005.
- [25] Mamoru Maekawa, Arthur E Oldehoeft, and Rodney R Oldehoeft. *Operation Systems: Advanced Concepts*. Benjamin-Cummings Publishing Co., Inc., Redwood City, CA, USA, 1986.
- [26] 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.
- [27] 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.

- [28] Uresh Vahalia. *UNIX Internals: The New Frontiers*. Prentice Hall, 1 edition, October 1995.
- [29] Maurice J. Bach. *Design of the UNIX Operating System (Prentice Hall Software Series)*. Prentice Hall, 1 edition, May 1986.
- [30] Curt Schimmel. *UNIX Systems for Modern Architectures: Symmetric Multiprocessing and Caching for Kernel Programmers (Addison-Wesley Professional Computing Series)*. Addison-Wesley Professional, 1 edition, June 1994.
- [31] 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.
- [32] Steve D. Pate. *UNIX Internals: A Practical Approach*. Addison-Wesley, 1996.
- [33] John Lions. *Lions' Commentary on Unix*. PEER TO PEER COMMUNICATIONS, revised edition, 1996.
- [34] 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.
- [35] 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.
- [36] Joseph Boykin, David Kirschen, Alan Langerman, and Susan LoVerso. *Programming Under Mach*. Addison-Wesley Professional, April 1993.
- [37] 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.
- [38] 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.
- [39] 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.
- [40] George Fankhauser, Christian Conrad, Eckart Zitzler, and Bernhard Plattner. *Topsy - A Teachable Operating System*. Computer Engineering and Networks Laboratory, ETH Zurich, 2000.
- [41] Douglas Comer and Dennis Brylow. Embedded Xinu main page. http://xinu.mscs.mu.edu/Main_Page, 2013.
- [42] Douglas Comer. *Operating System Design: The XINU Approach*. Prentice-Hall, Inc., Upper Saddle River, NJ, USA, 1984.
- [43] Ben Pfaf. *Pintos*. Stanford University, 2004.
- [44] K. C. Wang. *Design and Implementation of the MTX Operating System*. Springer, 2015.
- [45] 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, aug 2017.
- [46] Doug Lea. A memory allocator. <http://gee.cs.oswego.edu/dl/html/malloc.html>. Accessed: 2018-06-20.
- [47] Dominic Giampaolo. *Practical File System Design with the Be File System*. Morgan Kaufmann Publishers Inc., San Francisco, CA, USA, 1st edition, 1998.
- [48] Steve D. Pate. *UNIX Filesystems: Evolution, Design, and Implementation*. Veritas. Wiley, 2003.
- [49] 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.
- [50] K.C. Wang. *Embedded and Real-Time Operating Systems*. Springer International Publishing, 1 edition, 2017.
- [51] トロン協会. μ ITRON3.0 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.
- [52] 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.
- [53] 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.
- [54] 桑野雅彦. パソコンのレガシイ 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.
- [55] 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.
- [56] John R. Levine. *Linkers and Loaders*. Morgan Kaufmann, 1 edition, October 1999.
- [57] Steve Chamberlain and Ian Lance Taylor. *The GNU linker*. Free Software Foundation, 2018.
- [58] Robert Sedgewick. *Algorithms in C - parts 1-4: fundamentals, data structures, sorting, searching (3. ed.)*. Addison-Wesley-Longman, 1998.
- [59] Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein. *Introduction to Algorithms, Third Edition*. The MIT Press, 3rd edition, 2009.
- [60] 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.
- [61] Steve Oualline. *Practical C Programming (3rd Ed.)*. O'Reilly & Associates, Inc., Sebastopol, CA, USA, 1997.
- [62] Samuel P. Harbison and Guy L. Steele Jr. *C: A Reference Manual*. Prentice Hall, 5 edition, February 2002.