

OS 参考文献一覧

加藤丈治

2018 年 6 月

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] 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] Stuart E. Madnick and John J. Donovan. *Operating Systems (Computer Science Series.)*. McGraw-Hill College, 1 edition, 10 1974.
- [24] Stuart E. Madnick, John J. Donovan, 池田克夫 (訳). オペレーティング・システム (コンピュータ・サイエンス研究書シリーズ (9)). コンピュータ協会, 1976. [23] の翻訳版.
- [25] Jr. E.G.Coffman and P.J.Denning. *Operating Systems Theory (Prentice-Hall series in automatic computation)*. Prentice Hall, 1 edition, 10 1973.
- [26] Jr. E.G.Coffman, P.J.Denning, 川口喜三男 (訳), 藤井護 (訳). オペレーティング・システムの理論 (コンピュータ・サイエンス研究書シリーズ (30)). 日本コンピュータ協会, 1 1987. [25] の翻訳版.
- [27] Abraham Silberschatz, Greg Gagne, and Peter B. Galvin. *Operating System Concepts*. Wiley, 10 edition,

January 2018.

- [28] Abraham Silberschatz, Peter Baer Galvin, Greg Gagne, 土居範久 (訳), 大谷真 (訳), 加藤和彦 (訳), 光来健一 (訳), 清水謙多郎 (訳), 高田眞吾 (訳), 高田広章 (訳), 千葉滋 (訳), 野口健一郎 (訳). オペレーティングシステムの概念. 共立出版, 第 7 版, 11 2010. [27] 第 7 版の翻訳版.
- [29] William Stallings. *Operating Systems: Internals and Design Principles (9th Edition)*. Pearson, 9 edition, March 2017.
- [30] Thomas Anderson and Michael Dahlin. *Operating Systems: Principles and Practice*. Recursive books, 2nd edition, 2014.
- [31] Remzi H. Arpaci-Dusseau and Andrea C. Arpaci-dusseau. *Operating Systems: Three Easy Pieces*. Amazon Digital Services, 9 2018.
- [32] Andrew S Tanenbaum and Albert S Woodhull. *Operating Systems Design and Implementation (Prentice Hall Software Series)*. Prentice Hall, 3rd edition, December 2005.
- [33] Mamoru Maekawa, Arthur E Oldehoeft, and Rodney R Oldehoeft. *Operation Systems: Advanced Concepts*. Benjamin-Cummings Publishing Co., Inc., Redwood City, CA, USA, 1986.
- [34] Mamoru Maekawa, Rodney R. Oldehoeft, Arthur E. Oldehoeft, 佐藤文孝 (訳), 渡辺清 (訳), 星野康夫 (訳), 前川守 (監修). オペレーティングシステムの先進的概念. 丸善, 4 1990. [33] の翻訳版.
- [35] 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.
- [36] Dhananjay M. Dhamdhare and McGraw-Hill. *Operating Systems: A Concept-based Approach*. McGraw-Hill Science Engineering, 1 2008.
- [37] Bernstein, 斎藤信男 (訳). オペレーティング・システムの基礎 (コンピュータ・サイエンス研究書シリーズ (34)). 日本コンピュータ協会, 1976.
- [38] 江村潤朗. オペレーティング・システムへの構造的アプローチ 〈上巻〉 (コンピュータ・サイエンス研究書シリーズ (3)). 日本コンピュータ協会, 1972.
- [39] 江村潤朗. オペレーティング・システムへの構造的アプローチ 〈中巻〉 (コンピュータ・サイエンス研究書シリーズ (4)). 日本コンピュータ協会, 1975.
- [40] 江村潤朗. オペレーティング・システムへの構造的アプローチ 〈下巻〉 (コンピュータ・サイエンス研究書シリーズ (5)). 日本コンピュータ協会, 1985.
- [41] R.W. ワトソン, 相磯秀夫 (訳). タイムシェアリング・システム (コンピュータ・サイエンス研究書シリーズ (22)). 日本コンピュータ協会, 1 1982.
- [42] 高橋延匡, 土居範久, 益田隆司. 岩波講座 情報科学 〈16〉 オペレーティング・システムの機能と構成. 岩波書店, 9 1983.
- [43] 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.
- [44] 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.
- [45] Uresh Vahalia. *UNIX Internals: The New Frontiers*. Prentice Hall, 1st edition, October 1995.
- [46] Maurice J. Bach. *Design of the UNIX Operating System (Prentice Hall Software Series)*. Prentice Hall, 1st edition, May 1986.
- [47] 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.
- [48] 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.
- [49] Steve D. Pate. *UNIX Internals: A Practical Approach*. Addison-Wesley, 1996.
- [50] John Lions. *Lions' Commentary on Unix*. PEER TO PEER COMMUNICATIONS, revised edition, 1996.
- [51] 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.
- [52] 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.
- [53] Joseph Boykin, David Kirschen, Alan Langerman, and Susan LoVerso. *Programming Under Mach*. Addison-Wesley Professional, April 1993.
- [54] 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.
- [55] 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.
- [56] 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.
- [57] Pradeep K. Sinha. *Distributed Operating Systems: Concepts and Design*. PHI Learning, 12 2009.
- [58] George Fankhauser, Christian Conrad, Eckart Zitzler, and Bernhard Plattner. *Topsy - A Teachable Operating System*. Computer Engineering and Networks Laboratory, ETH Zurich, 2000.
- [59] Douglas Comer and Dennis Brylow. Embedded Xinu main page. http://xinu.mscs.mu.edu/Main_Page, 2013.
- [60] Douglas Comer. *Operating System Design: The Xinu Approach*. Chapman and Hall/CRC, 2nd edition, March 2015.
- [61] Ben Pfaf. *Pintos*. Stanford University, 2004.
- [62] K. C. Wang. *Design and Implementation of the MTX Operating System*. Springer, 2015.
- [63] 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.
- [64] Doug Lea. A memory allocator. <http://gee.cs.oswego.edu/dl/html/malloc.html>. Accessed: 2018-06-20.
- [65] Dominic Giampaolo. *Practical File System Design with the Be File System*. Morgan Kaufmann Publishers Inc., San Francisco, CA, USA, 1st edition, 1998.
- [66] Steve D. Pate. *UNIX Filesystems: Evolution, Design, and Implementation*. Veritas. Wiley, 2003.
- [67] Thomas R. Harbron. *File Systems: Structures and Algorithms*. Prentice-Hall, Inc., Upper Saddle River, NJ, USA, 1988.
- [68] Michael J. Folk. *File Structures*. Addison-Wesley Longman Publishing Co., Inc., Boston, MA, USA, 2nd edition, 1999.
- [69] Alan L. Tharp. *File Organization & Processing*. John Wiley & Sons, 1 edition, 1 1988.
- [70] 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.
- [71] 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.
- [72] K.C. Wang. *Embedded and Real-Time Operating Systems*. Springer International Publishing, 1 edition, 2017.
- [73] 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.
- [74] 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.
- [75] 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.
- [76] 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.
- [77] 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.

- [78] Randal E. Bryant and David R. O'Hallaron. *Computer Systems: A Programmer's Perspective, Global Edition*. Pearson Education Limited, 3rd edition, 10 2015.
- [79] John R. Levine. *Linkers and Loaders*. Morgan Kaufmann, 1st edition, October 1999.
- [80] Steve Chamberlain and Ian Lance Taylor. *The GNU linker*. Free Software Foundation, 2018.
- [81] Robert Sedgewick. *Algorithms in C - parts 1-4: fundamentals, data structures, sorting, searching (3. ed.)*. Addison-Wesley-Longman, 1998.
- [82] Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein. *Introduction to Algorithms, Third Edition*. The MIT Press, 3rd edition, 2009.
- [83] 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.
- [84] Steve Oualline. *Practical C Programming (3rd Ed.)*. O'Reilly & Associates, Inc., Sebastopol, CA, USA, 1997.
- [85] Samuel P. Harbison and Guy L. Steele Jr. *C: A Reference Manual*. Prentice Hall, 5 edition, February 2002.