

参考文献

- [1] BBN(Bolt, Beranek, and Newman, Incorporated), 1981.
- [2] The *hesiod* name server. In Stephen P.Dyer, editor, *Usenix Conference Proceedings*. USENIX, February 1988. Winter Conference. Dallas, Texas.
- [3] D. P. Anderson and D. Ferrari. The DASH Project: An Overview. Technical Report UCB/CSD 88/405, University of California Berkeley, 1988.
- [4] D. P. Anderson, D. Ferrari, P. V. Rangan, and S. Tsou. The DASH Project: Issues in the Design of Very Large Distributed Systems. Technical Report UCB/CSD 87/338, University of California Berkeley, 1987.
- [5] Dabid P. Anderson and Robert Wahbe. A Framework for Multi-media Communication in a General-Purpose Distrebuted System. Technical report, University of California, Berkeley, March 1989.
- [6] Maurice J. Bach. *The Design of The UNIX Operating System*. Prentice-Hall Inc., Englewood Cliffs, NJ, 1986.
- [7] Andrew D. Birrell and Bruce J. Nelson. Implementing Remote Procedure Calls. *ACM Transaction on Computer System*, 2(1), 1984.
- [8] J. Case, M. Fedor, M. Schoffstall, and C. Davin. *A Simple Network Management Protocol (SNMP)*. Defense Advanced Research Projects Agency, 1989. RFC 1097.
- [9] CCITT, editor. *RED BOOK RECOMMENDATIONS X.20-X.32*, volume VIII. PLENARY ASSEMBLY.
- [10] CCITT. *Yellow Book X.25*. 1980.
- [11] CCITT. Mhs: Presentation Transfer Syntax and Notation, 1984. Recommendation X.409.
- [12] D.E. Comer and J.T. Korb. CSNET Protocol Software: The IP-to-X.25 Interface. In *SIGCOMM Symposium on Communications Architectures and Protocols*, March 1983.

- [13] Douglas Comer. Preliminary Design Specification for CSNET IP-to-X.25 Interface Software. Technical report.
- [14] Douglas E. Comer. *Internetworking with TCP/IP Principles, Protocols, and Architecture*. PRENTICE-HALL, 1988.
- [15] Douglas E. Comer. *Internetworking with TCP/IP Principles, Protocols, and Architecture*. PRENTICE-HALL, 1988.
- [16] D. H. Croker. *Standard for the ARPA Internet Text Messages*. Defense Advanced Research Projects Agency, 1982. RFC 822.
- [17] K. P. Eswaran, J. N. Gray, R. a. Lorie, and I. L. Traiger. The Notions of Consistency and Predicate Locks in a Database System. *CACM*, 19:633–642, 1976.
- [18] Mark S. Fedor. GATED: A Multi-Routing Protocol Daemon for UNIX. In *Summer USENIX '88*. USENIX, 1988.
- [19] C. Hedrick. Routing Information Protocol, June 1988. RFC 1058.
- [20] Carl Hewitt and Peter de Jong. Open Systems. In J. Mylopoulos, J. W. Schmidt, and M. L. Brodie, editors, *On Conceptual Modeling*. Springer-Verlag, 1984.
- [21] K. Honda, M. Tokoro, and J. Murai. The Design and Implementation of x.25 Gateway with Multilink Scheme on WIDE Project. *Proceedings of the 4th Joint Workshop on Computer Communications*, July 1989.
- [22] John H. Howard. An overview of the andrew file system. In *Proceedings of USENIX Winter Conference*. USENIX, Feb. 1988.
- [23] Yuko Ishikawa, Kazuyuki Saga, Atsushi Onoe, and Jun Murai. Resource Management Function of WIDE. In *Proc. of the 4th International Joint Workshop on Computer Communications*, July 1989.
- [24] ISO. Codes for the Representation of Names of Countries. Technical Report ISO-3166, International Standard Organization, 1981.
- [25] M. Schoffstall J. Davin J. case, M. Fedor. A Simple Network Management Protocol (snmp), April 1989. RFC 1098.

- [26] M. Fedor M. Schoffstall J. Davin, J. Case. A Simple Gateway Monitoring Protocol, November 1987. RFC 1028.
- [27] Kevin J.Dunlap. *Name Server Operations Guide for BIND*. University of California Berkeley, April 1986. UNIX System Manager's Manual(SMM).
- [28] Akira Kato Jun Murai. Researches in Network Development of JUNET. In *SIGCOMM '87 Workshop*. USENIX, 1987.
- [29] Jun Murai, Akira Kato, Hiroyuki Kusumoto, Suguru Yamaguchi and Tomomitsu Sato. Construction of the Widely Integrated Distributed Environment. In *Proceedings of TENCN '89*, Nov 1989.
- [30] M. Rose K. McCloghrie. Management Information Base for Network Management of TCP/IP - based internets, August 1988. RFC 1066.
- [31] Michael J. Karels. Another Internet Subnet Addressing Scheme, February 1985. RFC 936.
- [32] Kazuhiko Honda, Mario Tokoro and Jun Murai. The Design and Implementation of X.25 with multilink scheme on WIDE project. In *Joint Workshop on Computer Communication*, 1989.
- [33] J. T. Korb. A Standard for the Transmission of IP Datagrams over Public Data Networks, September 1983. RFC 877.
- [34] Leslie Lamport. *LATEX: A Document Preparation System*. Addison-Wesley, 1985.
- [35] Craig Partridge Leo Lanzillo. Implementation of Dial-up IP for UNIX Systems. In *Proceedings of SIGCOMM '89*. USENIX, 1989.
- [36] K. McCloghrie M. Rose. Structure and Identification of Management information for TCP/IP- based internets, August 1988. RFC 1065.
- [37] D.L. Mills. DCN Local-Network Protocols, December 1983. RFC 891.
- [38] D.L. Mills. Exterior Gateway Protocol Formal Specification, April 1984. RFC 904.

- [39] Paul Mockapetris. *Domain Names — Concepts and Facilities*. University of South California, Information Sciences Institutes, November 1987. RFC 1034.
- [40] Paul Mockapetris. *DNS Encoding Network Names and Other Types*. University of South California, Information Sciences Institutes, April 1989. RFC 1101.
- [41] J. Mogul and J. Postel. Internet Standard Subnetting Procedure, August 1985. RFC 950.
- [42] James H. Morris. Andrew: A distributed personal computing environment. *Communications of the ACM*, 29(3), March 1986.
- [43] John Moy. *OSPF Specification*. Proteon, Inc., October 1989. RFC 1131.
- [44] Jun Murai. Construction of the Widely Integrated Distributed Environment. In *Proc. of the 4th International Joint Workshop on Computer Communications*, July 1989.
- [45] Jun Murai and Akira Kato. Researches in Network Developement of JUNET. In *Proceedings of SIGCOMM '87 Workstop*. ACM, 1987.
- [46] Jun Murai and Akira Kato. Current Status of JUNET. In *Future Generations Computer Systems*, pages 205–215. Elsevier Science Publishers B.V., October 1988.
- [47] Jun Murai, Akira Kato, Hiroyuki Kusumoto, Suguru Yamaguchi, and Tomomitsu Sato. Construction of the Widely Integrated Distributed Environment. In *Proceedings of TENCON '89*. IEEE, November 1989. Bombay, India.
- [48] Jun Murai, Hiroyuki Kusumoto, Suguru Yamaguchi, and Akira Kato. Construction of Internet for Japanese Academic Communities. In *Proceedings of Supercomputing '89*. ACM, November 1989. Reno, Nevada.
- [49] Roger M. Needham and Michael D. Schroeder. Using Encryption for Authentication in Large Networks of Computers. *Communications of the ACM*, 21, No. 12:993–999, 1978.

- [50] Torben Nielsen. PACCOM. University of Hawaii, August 1989.
Informal Memorandum and Discussions by Torben Nielsen.
- [51] Atsushi Onoe, Atsushi Mitsuzawa, Tatsuo Nakajima, and Mario Tokoro. RPC in a Wide Area Distributed Environment. In 情報処理学会研究報告, November 1989.
- [52] D. C. Oppen and Y. K. Dalal. The Clearinghouse: A Decentralized Agent for Locating Named Objects in a Distributed Environment. *ACM trans. on Office Information Systems*, 1(3), July 1983.
- [53] Drew D. Perkins. The Point-to-Point Protocol (PPP): A Proposed Standard for the Transmission of IP Datagrams Over Point-to-Point Links. Internet Engineering Task Force, Internet Draft, August 1989.
- [54] David C. Plummer. An Ethernet Address Resolution Protocol – or – converting network protocol addresses to 48.bit ethernet address for transmission on ethernet hardware, November 1982. RFC 826.
- [55] J. Postel. INTERNET CONTROL MESSAGE PROTOCOL, September 1981. RFC 792.
- [56] Jon Postel. Internet Protocol - Darpa Internet Program Protocol Specification, September 1981. RFC 791.
- [57] Information processing systems Open Systems Interconnection. Specification of Abstract Syntax Notation One (asn.1), December 1987. International Standard 8824.
- [58] Alan Sheltzer Robert Hinden. THE DARPA INTERNET GATEWAY, September 1982. RFC 823.
- [59] Marc J. Rochkind. UNIX システムコール・プログラミング. 株式会社 アスキー, 1987.
- [60] Michael J.Karels John S.Quartermann Samuel J.Leffler, Marshall Kirk McKusick. *The Design and Implementation of the 4.3BSD UNIX Operating System*. ADDISON WESLEY, 1989.
- [61] R. Sandberg. Design and implementation of the sun network filesystem. In *Proceedings of USENIX Summer Conference*. USENIX, June 1985.

- [62] M. D. Schroeder, A. D. birrell, and R. M. Needham. Experience with Grapevine the Growth of a Distributed System. In *Proc. ACM SIGOPS '83*. ACM, 1983.
- [63] Stuart Sechrest. *An Introductory 4.3BSD Interprocess Communication Tutorial*, 1986.
- [64] Robert J. Souza and Steven P. Miller. Unix and Remote Procedure Calls: A Peaceful Coexistence? In *The 6th International Conference on Distributed Systems*. IEEE, 1986. Digital Equipment Corporation/MIT Project Athena.
- [65] A. Spector and M. Kazar. Uniting file systems. *UNIX Review*, 7(3), 1989.
- [66] Jennifer G. Steiner, Clifford Neuman, and Jeffrey I. Schiller. Kerberos: An Authentication Service for Open Network Systems. In *Proceedings of the USENIX 1988 Winter Conference*, pages 191–202, 1988.
- [67] Sun Microsystem Inc. *nit - Network Interface Tap*, December 1987.
- [68] Sun Microsystems, Inc., Mountain View, CA. *Networking on the Sun Workstation*, February 1986.
- [69] Sun Microsystems, Inc. *XDR: External Data Representation standard*, June 1987. RFC 1014.
- [70] Sun Microsystems Inc. *A Socket-Based Interprocess Communications Tutorial*, May 1988.
- [71] Sun Microsystems Inc. *An Advanced Socket-Based Interprocess Communications Tutorial*, May 1988.
- [72] Sun Microsystems Inc. *Network Service*, May 1988.
- [73] Sun Microsystems Inc. *Remote Procedure Call Programming Guide*, May 1988.
- [74] Sun Microsystems, Inc. *Remote Procedure Call: Protocol Specification*, May 1988. RFC 1057.
- [75] Sun Microsystems, Inc. *NFS: Network File System Protocol Specification*, March 1989. RFC 1094.

- [76] Sun Microsystems, Inc. *SunOS4.0 Network Programming*, first edition, May 1988. Chap.1 Network Services.
- [77] Hironori Takeuchi and Akihiko Kudoh. The Structure Design of Protocol Module. *Information Processing Society of Japan*, Apr 1989.
- [78] K. Thompson. The unix time-sharing system. *Communications of the ACM*, 17(7), July 1978.
- [79] G. W. Treese. Berkeley Unix on 1000 Workstations: Athena Changes to 4.3 BSD. In *Proceeding of USENIX Winter Conference*, 1988.
- [80] University of California, Berkeley, Computer Science Research Group. *routed - network routing daemon*, September 1987.
- [81] V.G.Cerf and R.E.Kahn. A Protocol for Packet Network Interconnection. *IEEE Trans. on Communications*, COM-22(5):637–648, May 1974.
- [82] Victor L. Voydock and Stephen T. Kent. Security Mechanisms in High-Level Network Protocols. In *ACM Computing Surveys*, Vol.15, No. 2, pages 135–171. ACM, 1983.
- [83] Brent B. Welch. The Sprite Remote Procedure Call System. Technical report, University of California, Berkeley, July 1986. UCB Technical Report.
- [84] XEROX CORPORATION. *Clearinghouse Protocol*, 1984. Xerox System Integration Standard.
- [85] 中嶋正之 安居院猛. コンピュータ音声処理. 産報出版, 1980.
- [86] 松下 温. コンピュータ・ネットワーク. 培風館, 1983.
- [87] 加藤 満左夫, 所 真理雄 その他. システム構成技術. 岩波講座マイクロエレクトロニクス. 1985.
- [88] 桜井 三子 加藤 朗, 村井 純. Wide project における isdn の利用. In *Proceedings of JUS symposium '89*. 日本 UNIX ユーザ会, 1989.

- [89] 大川 恵子. インターネットネームサーバに関する一考察. Technical report, 慶應義塾大学大学院理工学研究科電気工学専攻修士課程, February 1985. 昭和 59 年度修士論文.
- [90] 古井貞熙. ディジタル音声処理. 東海大学出版会, 1988.
- [91] 桜井 三子. ISDN を用いた ip 接続に関する研究, 1990.
- [92] 塩谷 修. 実用 UNIX システムプログラミング. 日刊工業新聞社, 1986.
- [93] 西田 俊夫. 待ち行列の理論と応用. 朝倉書店, November 1971.
- [94] 本田 和弘 加瀬 直樹 尾上 淳 中島 達夫 所 真理雄, 村井 純. Wide 上 の x.25 機能の設計と実装. 1989.
- [95] 池田 佳和 松本 潤, 藤岡 雅宣. ISDN 絵とき読本. オーム社, 1988.
- [96] 所 真理雄. オブジェクト指向分散計算について. In 日本ソフトウェア科学会第 6 回大会論文集, pages 245–248, September 1989.
- [97] 保坂岩男 石坂充弘, 江村潤朗. データ通信システム. オーム社, 1989.
- [98] 村井純 and 田中啓介. 広域分散環境における資源管理. 情報処理学会 マルチメディア通信と分散処理研究会 報告 88-MDP-36-10, Feb 1988.
- [99] 中島達夫, 所真理雄. X.25 プロトコルを用いた Unix 上のネットワークシステムの設計と実装. 電子情報通信学会論文誌, July 1987.
- [100] 浜田洋 中嶋信弥. 音韻環境に基づくクラスタリングによる規則合成法. 電子情報通信学会論文誌, J72-D-2(8), 1989.
- [101] 石井 忠俊. Phonenet ネームサーバの設計と実装. Technical report, 慶應義塾大学理工学部電気工学科, February 1985. 昭和 59 年度卒業論文.
- [102] 田中伸一. Dram 対応 音声録音再生ボードの製作. トランジスタ技術, 9 1989.
- [103] 日本電信電話株式会社. パケット交換サービスのインターフェース (PT 編). 1988.
- [104] 窪田 一郎 新橋 龍男 吉本 正和 萩原 崇, 古郡 正美. ワークステーションをゲートウェイとし、ISDN を利用した LAN 間接続. In 電子情報通信学会技術研究報告. 電子情報通信学会, 1989.

- [105] 牧野武則. 機械翻訳システムの現状と展望. Technical report, 東邦大学 理学部, 1989.
- [106] 正田定辛 野口正一. 分散型データベースシステム入門. オーム社, 1989.
- [107] 野村浩郷. 機械翻訳のための自然言語処理. Technical report, 九州工業大学 情報工学部, 1989.
- [108] 石河 裕子. 広域分散環境のための名前構造. Technical report, 慶應義塾大学理工学部数理科学科, February 1989. 昭和63年度卒業論文.
- [109] 高木 朗 and 伊東幸宏. 自然言語の処理. 丸善株式会社, 1987.
- [110] 嵐城 和幸. 広域分散環境のための名前サーバ. Technical report, 慶應義塾大学理工学部数理科学科, February 1989. 昭和63年度卒業論文.
- [111] 本田 和弘. 大規模分散環境のためのパケット交換網のアーキテクチャに関する研究. Master's thesis, 慶應義塾大学, 1990. 平成元年度修士論文.

執筆者一覧

part	題目	著者	備考
2	学術・研究目的のコンピュータコミュニケーション基盤の構築	村井 純	1990 年 第 31 回 プロ グラミングシンポジ ウム
3	大規模分散環境のためのパケット交換網のアーキテクチャに関する研究	本田 和弘	1989 年度 修士論文
4	ISDN を用いた IP 接続に関する研究	桜井 三子	1989 年度 卒業論文
5	広域に適した Remote Procedure Call(RPC) に関する研究	片山 泰子	1989 年度 卒業論文
6	広域開放型分散環境における名前サーバの設計と実装	尾上 淳	1989 年度 修士論文
7	分散環境における名前構造	石河 裕子	1988 年度 卒業論文
8	広域分散環境のための名前サーバに関する研究	嵯峨 和幸	1988 年度 卒業論文
9	広域分散環境のためのユーザ情報管理システムに関する研究	佐藤 浩一	1989 年度 卒業論文
10	広域分散環境における利用者認証機構の実装	岡山 聖彦	1989 年度 卒業論文
11	広域分散環境のための経路診断システムの試作と評価	北島 剛	1989 年度 卒業論文
12	音声データの取り扱いに関する研究	豊島 康彦	1989 年度 卒業論文
13	広域分散環境での機械翻訳システムの利用に関する研究	中村 嘉之	1989 年度 卒業論文
14	広域分散環境のためのアーカイブファイルサーバに関する研究	追川 修一	1988 年度 卒業論文