



OPEN SYSTEMS TECHNOLOGY ASSOCIATES

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Publications, Presentations and Seminars by Dr. Heinz Lycklama

Publications

1. H. Lycklama, ten papers on various Experimental Nuclear Physics topics, published in International Physics Journals, 1966 to 1969.
2. H. Lycklama, Performance Simulation and Measurement of a Virtual Memory Multi-Programming System for a Small Computer, Bell Telephone Laboratories Memorandum MM71-1383-3, January 21, 1971.
3. H. Lycklama, Bus Interference in a Single Bus Multi-Processor Environment, Bell Telephone Laboratories Memorandum MM72-1353-16, September 20, 1972.
4. H. Lycklama, Implementation of Large Contiguous Files and Asynchronous I/O in UNIX, Bell Telephone Laboratories Memorandum MM74-1352-1, January 4, 1974.
5. H. Lycklama, Plotting Facilities for Mini-Computer Systems, Bell Telephone Laboratories Memorandum MM74-1352-7, June 14, 1974.
6. H. Lycklama and C. Christensen, Emulation of UNIX on Peripheral Processors, Bell Telephone Laboratories Memorandum MM75-1352-2, January 9, 1975.
7. H. Lycklama, GLANCE Terminals on UNIX Time-Sharing, Bell Telephone Laboratories Memorandum MM75-1352-3, March 3, 1975.
8. H. Lycklama and D. L. Bayer, A Structured Operating System for a PDP-11/45, Bell Telephone Laboratories Memorandum MM75-1352-4, May 6, 1975.
9. D. L. Bayer and H. Lycklama, MERT - A Multi-Environment Real-Time Operating System, Bell Telephone Laboratories Memorandum MM75-1352-7, July 18, 1975.
10. H. Lycklama, The Mini-UNIX System, Bell Telephone Laboratories Memorandum MM77-1352-1, January 3, 1977.
11. C. N. Judice, H. Lycklama, D. K. Sharma, and T. P. Sosnowski, Office Communication Research in Lab 135, Bell Telephone Laboratories Memorandum MM77-1352-2, February 8, 1977.
12. H. Lycklama, UNIX on a Microprocessor, Bell Telephone Laboratories Memorandum MM78-3114-1, March 22, 1978.
13. H. Lycklama and C. Christensen, A Minicomputer Satellite Processor System, Bell Telephone Laboratories Memorandum MM78-3114-2 and MM-1359-3, March 22, 1978.
14. H. Lycklama and D. L. Bayer, The MERT Operating System, Bell Telephone Laboratories Memorandum MM78-3114-3 and MM78-1352-3, March 22, 1978.
15. H. Lycklama, The MERT/UNIX Supervisor, Bell Telephone Laboratories Memorandum MM78-3114-4, April 20, 1978.
16. H. Lycklama, File System Structures for Real-Time Applications, Bell Telephone Laboratories Memorandum MM78-3114-5, April 20, 1978.

17. H. Lycklama and D. L. Bayer, The MERT Operating System, The Bell System Technical Journal, Vol. 57, No. 6, Part 2, July-August 1978, pp. 2049-2086.
18. H. Lycklama, UNIX on a Microprocessor, The Bell System Technical Journal, Vol. 57, No. 6, Part 2, July-August 1978, pp. 2087-2101.
19. H. Lycklama and C. Christensen, A Minicomputer Satellite Processor System, The Bell System Technical Journal, Vol. 57, No. 6, Part 2, July-August 1978, pp. 2103-2113.
20. H. Lycklama, An Integrated Office System Based on UNIX, Office Automation Conference Proceedings, March 1980.
21. The 1984 /usr/group Standard. This work was chaired by Heinz Lycklama from 1981 to 1984. It can be obtained from UniForum (formerly called /usr/group) by calling 800-255-5620.
22. H. Lycklama, UNIX on a Microprocessor - Ten Years Later, USENIX Conference Proceedings, Summer 1985.
23. The 1986 IEEE Trial-Use Standard Portable Operating System for Computer Environments (IEEE Std 1003.1). ISBN-0471-85027-6. Heinz Lycklama served as co-chair of the IEEE POSIX Committee during the period in which this standard was developed. It is based on the work done by the /usr/group Standards committee, which Heinz Lycklama chaired from 1981-1984.
24. The 1988 IEEE Standard Portable Operating System for Computer Environments (IEEE Std 1003.1-1988). ISBN 1-55937-003-3. Heinz Lycklama served as a member of the IEEE POSIX Committee and as the UniForum Institutional Representative during the period in which this standard was developed.
25. The 1990 ISO/IEC 9945-1 (IEEE Std 1003.1) Portable Operating System Interface (POSIX) - Part 1: System Application Program Interface (API). ISBN 1-55937-061-0. Heinz Lycklama served as a member of the IEEE POSIX Committee and as the UniForum Institutional Representative during the period in which this standard was developed.
26. H. Lycklama, Vision 2000 - The Use of Information for Competitive Advantage, prepared for UNIX International, 1992.
27. Wrote many of the chapters of a 200-page Porting Guide for Open Systems for client, 1995.
28. Wrote 150-page InDepth Technical Document on UnixWare 2.0, 1995.

Presentations and Seminars

1. Numerous presentations at USENIX conferences, 1975 to 1985.
2. Presentation of paper on the MERT Operating System at SIGOPS, 1975.
3. Presentation of paper on LSI-UNIX at the NCC in Dallas, 1977.
4. Numerous presentations and panel discussions at UniForum conferences, 1981 to 1995.
5. Numerous technical reports, seminars and presentations while at INTERACTIVE Systems Corporation.
6. Seminars on Open Systems topics presented in Europe and in the Far East, 1985 to 1992.
7. Presentations on Technology Trends given to various clients.
8. Three-day Portability Workshop prepared and delivered for client multiple times.

9. Two-week hands-on training course on Systems/Network Administration prepared and delivered for client.
10. Two-day course on Open Systems Market prepared and delivered for client.
11. One-day seminar on Client/Server Implementation and Strategy given at various industry conferences.
12. One-day seminar on Open Systems Standards given at various industry conferences.
13. Seminar on “Open Systems - An Opportunity for ISVs” prepared and delivered for client a number of times.
14. Three-day hands-on training course on Open Systems programming prepared and delivered for client multiple times.