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inside:

USENIX NEWS

USENIX & SAGE

The Advanced Computing Systems Association &
The System Administrators Guild

USENIX news

USENIX MEMBER BENEFITS

As a member of the USENIX Association, you receive the following benefits:

FREE SUBSCRIPTION TO *;login:*, the Association's magazine, published six times a year, featuring technical articles, system administration articles, tips and techniques, practical columns on security, Tcl, Perl, Java, and operating systems, book and software reviews, summaries of sessions at USENIX conferences, and reports on various standards activities.

ACCESS TO *;login:* online from October 1997 to last month <www.usenix.org/publications/login/login.html>.

ACCESS TO PAPERS from the USENIX Conferences online starting with 1993 <www.usenix.org/publications/library/index.html>.

THE RIGHT TO VOTE on matters affecting the Association, its bylaws, election of its directors and officers.

OPTIONAL MEMBERSHIP in SAGE, the System Administrators Guild.

DISCOUNTS on registration fees for all USENIX conferences.

DISCOUNTS on the purchase of proceedings and CD-ROMS from USENIX conferences.

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30 Years Ago in UNIX

by Peter H. Salus

USENIX Historian

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1973! In February, Third Edition appeared. E.N. Pinson's name was added to the list of contributors. And Ken Thompson had added this to the front matter:

"the number of Unix installations has grown to 16, with more expected."

That front matter also contained the (then) startling statement:

"The three principal languages in Unix are assembly language (see as(1)), FORTRAN (see fc(1)), and C (see cc(1))."

C? C! A glance at cc(1) told you that it was a C compiler and referred you to the "C reference manual." It would be years until Prentice Hall published *The C Programming Language*.

At nearly four years of age, UNIX was getting ready to escape from New Jersey.

Actually, it had escaped the previous year – but it had not gotten far from home: only as far as AT&T in Manhat-

tan, where Neil Groundwater was employing it to track wiring changes.

Explosive growth was yet to come. But it was lurching closer.

Summary of the USENIX Board of Directors Actions

by Tara Mulligan

Executive Assistant

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The following is a summary of the actions taken by the USENIX Board of Directors from June 13, 2002 to November 5, 2002.

Finances

The first draft budget for 2003 was discussed, with the following actions decided upon:

Membership: USENIX dues will be increased by \$10 in each category.

USENIX will publish six issues of *;login:* in 2003, as in 2002 (vs. 7-8 in the previous 2 years). The USENIX staff was reduced by four full-time employees in 2002, and staff dedicated to SAGE was reduced by one.

USENIX BOARD OF DIRECTORS

Communicate directly with the USENIX Board of Directors by writing to board@usenix.org.

PRESIDENT:

Marshall Kirk McKusick kirk@usenix.org

VICE PRESIDENT:

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EXECUTIVE DIRECTOR:

Ellie Young ellie@usenix.org

USENIX will continue its membership in the Computing Research Association in 2003.

USENIX will support the NordU conference with a \$5,000 guarantee, to be used toward the conference. If there is net revenue, the USENIX contribution will be repaid.

The Board approved a new structure for supporting membership categories, which will be \$2500 for either a USENIX or a SAGE supporting membership; and \$3500 for a Dual Supporting membership.

The \$50 discount for registering for conferences via the web will continue in 2003.

Expenditures for Student Programs will change as follows:

Applications for the Student Research Grant and Scholars program will not be solicited in 2003.

The budget for Student Stipends to attend USENIX conferences was reduced for the final 5 conferences of 2002. This program will be funded in 2003 in the amount of \$25,000, plus any outside donations.

Grants

USENIX will again be a sponsor of USA Computing Olympiad, in the amount of \$15,000, which is a 50% reduction in funding from 2002.

Conferences

Middleware Conference. It was agreed to have USENIX co-sponsor the Middleware 2003 conference with ACM and IFIP, with no financial commitment.

HotOS Workshop. It was agreed that USENIX will take over organizing the 9th Workshop on Hot Topics in Operating Systems in cooperation with IEEE TCOS.

PKI Workshop. It was agreed that USENIX will co-sponsor the 2nd Annual Workshop, with no financial commitment.

The next **Virtual Machine Research and Technology Symposium** will be held in the Spring of 2004. USENIX will no longer use "Java" in the title of this event.

SAGE Certification

The SAGE Certification program's goals were not achieved. It was recommended that the testing be put on hold as the certification board seeks sponsorship to fund testing and the development of the m-SAGE test.

Thanks to Our Volunteers

by **Ellie Young**

Executive Director

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USENIX's success would not be possible without the volunteers who lend their expertise and support for our conferences, publications, member services, SAGE. While there are many who serve on program committees, coordinate the various activities at the conferences, work on committees and contribute to this magazine, I would like to make special mention of the following individuals who made significant contributions in 2002:

The program chairs for our 2002 conferences:

- Darrell Long, First Conference on File and Storage Technologies
- Sam Leffler, BSDCon02
- Sam Midkiff, 2nd Java VM Research & Technology Symposium
- Carla Ellis, 2002 USENIX Annual Technical Conference
- Dan Boneh, 11th USENIX Security Symposium
- Ted Ts'o for organizing the 2002 Linux Kernel Developer's Summit

USENIX SUPPORTING MEMBERS

Atos Origin B.V.
Freshwater Software
Interhack Corporation
The Measurement Factory
Microsoft Research

Sendmail, Inc.
SunMicrosystems
Sybase, Inc.
UUnet Technologies, Inc.
Veritas Software
Ximian, Inc

- Peter Honeyman, 5th Smart Card Research & Adv. Applications Conference (CARDIS '02)
- Alva Couch, 16th LISA Conference
- Jeff Mogul, 2nd Workshop on Industrial Experiences with Systems Software
- David Culler and Peter Druschel, 5th Symposium on Operating Systems Design & Implementation

The conferences' Invited Talk/Special Track Chairs:

- Chris Demetriou, 2002 Freenix Program Chair
- Dan Wallach for the invited talks at the 11th USENIX Security Symposium
- Matt Blaze and Ted Faber for the invited talks at the USENIX Annual Tech Conference
- Esther Filderman and Strata Rose Chalup for the invited talks at LISA
- David Williamson and Lynda True for coordinating the network and security tracks at LISA
- Lee Damon for organizing the "Guru is In" Sessions at USENIX Annual Tech and LISA

Esther Filderman for her efforts in organizing the AFS workshops at recent USENIX conferences.

Dan Geer and Andrew Hume for their 8 years of service on the USENIX Board of Directors (1994-2002)

Peter Honeyman, Mike Jones, John Gilmore, Jon "maddog" Hall, Kirk McKusick, Avi Rubin, Lois Bennett and Tina Darmohray for their service on the USENIX Board in 2002.

Peter Honeyman for his continued efforts in reaching out to international and other groups, e.g., OpenAFS community, SANE conference, EuroBSD-Con, PKI workshop, Smartcards/CARDIS, and Middleware conference.

Rob Kolstad and Don Piele for their efforts as coach and director in making the USA Computing Olympiad which USENIX sponsors a success.

Andrew Hume for serving as liaison to the Computing Research Association.

The SAGE Executive Committee members for their service: Bryan Andregg, David Parter, Trey Harris, Gabriel Krabbe, Tim Gassaway, Geoff Halprin, Josh Simon

Andrew Hume, Jon "maddog" Hall, and David Parter for serving as liaisons for the USENIX Board and SAGE Exec committee.

The following people who served on the SAGE Certification Board:

Nancy Anheier, Lois Bennett, Jim Corder, Trey Harris, Andrew Hume, Mark Langston, John Stoffel, and J. D. Welch