5th Annual Linux Showcase & Conference

Sponsored by USENIX, the Advanced Computing Systems Association, and the Atlanta Linux Showcase, Inc., in cooperation with Linux International

November 6-10, 2001, Oakland Convention Center, Oakland, California

http://www.linuxshowcase.org

Important Dates:

Refereed Paper abstracts due: *June 5, 2001*
Invited Talk proposals due: *June 5, 2001*
Notification to authors: *July 23, 2001*
Final papers due: *September 14, 2001*

Conference Organizers:

Program Chair
Bryan C. Andregg, *Red Hat, Inc.*

Program Committee
Ray Bryant, *IBM*
Zach Brown, *Zabbo.Net*
Doug Ledford, *Red Hat, Inc.*
Kevin Stephens, *Centermedia*
Ted Ts'o, *VA Linux Systems*
Jonathan Ward, *Compaq*

Invited Talks Chair
Jon "maddog" Hall, *Linux International*

Overview

Each year, the best and the brightest in the Linux world come together at one technical conference, the Annual Linux Showcase & Conference. Now in its fifth year, ALS continues its remarkable development as the premier technical Linux conference, attracting expert talks on everything from kernel internals to Internet services, panels discussing the state of the Kernel, invited talks presenting Linux in the real world, and more. If you are a professional working with Linux or an enthusiast looking for the new technology, ALS needs to be the top event on your calendar.

The 5th Annual Linux Showcase & Conference breaks with tradition by moving out of Atlanta. The growth of Linux and of this conference is only highlighted in the San Francisco Bay Area, where the pulse of technology beats loud and clear. The combination of technical tracks, invited talks, expert panels, Birds-of-a-Feather sessions, tutorials, workshops, and the infamous hallway track provide plenty of opportunity to learn from Linux experts, professionals with real world experience, and industry leaders. This conference also sponsors a large three day vendor exhibition showcasing over 90 top Linux companies and their products and services

Technical Sessions, November 8-10, 2001

Three days of technical sessions feature refereed papers and invited talks by industry luminaries. Refereed papers are from the community, submitted by authors anxious to share their technical advances, and can win valuable cash and prizes! Papers are published in the Proceedings provided to conference attendees in print and on CD-ROM. Refereed papers present problems and solutions in all areas from kernel internals to real world practical experience.

ALS seeks refereed papers on topics relating to Linux and the Open Source world. Topics of interest include:
- Embedded Linux Application Development and Deployment
- Linux Kernel Enhancements
- Linux Clustering and High Availability
- Internet and Networking Services
- Desktop Interfaces Design: GNOME and KDE
- Security, Security, Security
- Linux Performance Tuning
- World Domination

Selection will be based on the quality of the written submission and whether the work advances the state of the art on Linux technologies. Please see the detailed author guidelines on the website, including sample extended abstracts and final papers: *http://www.linuxshowcase.org/cfp/guidelines.html*

Best Paper Awards

The USENIX Association will award cash prizes at the conference for the best paper and the best paper by a student.

Financial Assistance

Some financial assistance is available for speaker travel and accommodation in cases of need. All speakers will receive free admission to the conference.

How to Submit

The initial submission must be in the form of an extended abstract between 2 and 5 pages long. Submissions should be written from a strong technical background and should clearly demonstrate that:
- There is a significant problem being solved.
- There is active work being done.
- There is enough progress to make a documented report.
- There is data proving either the success or failure of the model.

Extended abstracts must be received by June 5, 2001. Full papers will not be accepted without an extended abstract. Abstracts and papers should be submitted electronically in

ASCII, Postscript, or PDF format via either a Web form (available on the conference Web site) OR email to the program chair at *alschair@usenix.org*.

Include appropriate references to establish that you are familiar with related work, and where possible, provide detailed data to establish that you have a working implementation or measurement tool. Submissions will be judged on the quality of the written submission, and whether or not the work advances the state-of-the-art of Linux. Papers of a business development or marketing nature are not appropriate for submittal.

Papers submitted to ALS should be new papers, not previously read at other conferences. Likewise, accepted papers shouldn't be presented at other conferences after ALS without new art. All papers should be considered 'open source' and as such non-disclosure agreements and other limits will be dismissed or the papers returned.

Authors will be notified by July 23, 2001. All accepted submissions will be expected to produce a final paper for the proceedings by the September 14, 2001 deadline. These papers need not be polished, but they should describe work that has been completed as of the time of their submission. The purpose of your paper is to let readers and attendees know what you are doing. Members of the program committee are available to help shepherd authors through the writing process prior to final acceptance for publication in the proceedings.

Each accepted paper must be presented by at least one author. Authors must provide a final paper for publication in the conference proceedings and electronic files for the conference CD-ROM and web site. Final papers are limited to 12 pages, including diagrams, figures, and appendices. It is understood that the state of the art advances at a rapid pace. Presentations should, where possible, take into account changes since the publications due date.

Please see the detailed author guidelines on the website, including sample extended abstracts and final papers: *http://www. linuxshowcase.org/cfp/guidelines.html* . To discuss potential submissions and for inquiries regarding the content of the conference program, contact the program chair at: *alschair@usenix.org*

Invited Talks
These presentations and discussions by industry leaders and technical luminaries highlight the hottest new products, the busy sites running on Linux, and personal experiences. These survey-style talks given by experts range over many interesting and timely topics. We welcome your suggestions for topics and requests proposals for particular talks. In your proposal state the main focus, including a brief outline, and be sure to emphasize why your topic is of general interest to our community. Please submit via email to *alsinvited@usenix.org*.

Tutorials, November 6-7, 2001
Gain mastery of complex techniques and technologies and you'll get immediate payoff within your organization. ALS offers state-of-the-art, full and half day tutorials from top experts in their fields. Topics range from introductory skills to advanced topics, updates on developments and news including administering Linux, TCP/IP networking, programming, and configuring Internet services.

To provide the best possible tutorial offerings, we continually solicit proposals for new tutorials. If you are interested in presenting a tutorial, please send email to: *alstutorials@usenix.org*.

Work-in-Progress Reports (WiPs)
Are you just beginning a project you'd like to share or are doing some interesting work that isn't ready for publication yet? Then WiPs are for you. The ALS audience provides valuable feedback and is always willing to discuss new advancements. Presentations of student works are particularly welcome. WiPs may be scheduled in advance by sending email to *alswips@usenix.org* or at the conference.

Birds-of-a-Feather Sessions
Birds-of-a-Feather sessions (BoFs) are very informal gatherings organized by attendees for attendees interested in a particular topic. BoFs are held in the evenings and may be scheduled in advance by sending email to *alsbofs@usenix.org* or at the conference.

Program and Registration Information
Complete program and registration information will be available in August 2001 at the conference website at: *http://www. linuxshowcase.org*. The information will be in both html and a printable PDF file. If you would like to receive the program booklet in print, please email your request, including your postal address, to *conference@usenix.org* or call 1.510.528.8649.