

Educating for Open Source: A Cross-Industry Conversation

10/16/2007, 11:00 a.m. Panel Session

- Open Source Software is now present in nearly every large institution in business, academia, and government. To create and maintain a coherent open source strategy, decision makers must be educated on its issues, costs/benefits, and best practices. This panel will discuss the key aspects of such an education and how to provide it.

- Moderator:
 - Daniel Frye, IBM, VP Open Systems Development

- Panelists:
 - Ron Adams, Oregon State University, Dean of Engineering
 - Peter Kronowitt, Intel Software Strategist, Software and Solutions Group
 - Bill Welty, CIO, California Air Resources Board
 - Jeff R. Wright, University of California, Merced, Dean of Engineering

Daniel Frye, Ph.D.

Vice President, Open Systems Development IBM Systems and Technology Group

- Dan Frye is the head of IBM's Linux development team - the IBM Linux Technology Center (LTC) - and is responsible for overseeing IBM's Linux technical strategy and IBM's participation in the open source Linux development community.
- The mission of the LTC is to help the global open source Linux community make Linux better, to ensure Enterprise-level Linux support for IBM's Hardware, Software, and Services brands, and to help expand the reach of Linux into new markets. LTC engineers are trusted, valued members of dozens of open source communities and contribute broadly to open source in many respects.
- Dr. Frye was previously a member of IBM's Emerging Technologies and Business Opportunities team where he worked on company-wide technical strategies that predicted future trends and transitions in the IT industry. He co-authored IBM's original corporate strategies for Linux and open source.
- Dr. Frye is a member of multiple Linux and open source industry groups, including being a founding Board Member of The Linux Foundation.

Ron Adams, Ph.D. Dean of Engineering Oregon State University

- Ron Adams has been Dean of Engineering at Oregon State since 1998 and has been directing the College's focus on creating work ready engineers and driving collaborative research across disciplines and organizations.
- The College's emphasis on hands on student experiences in learning engineering has led to student engagement in the Open Source Lab at OSU and to the launch and funding by the National Science Foundation of a new platform for learning for computer science students, using an open source community as a key element.
- Dr. Adams was previously Vice President of Technology for the Printing and Imaging Division of Tektronix, an associate professor of mechanical engineering at OSU, and research staff member at MIT Lincoln Laboratories.

Peter Kronowitt

Linux and Open Source Strategist

Software and Solutions Group

- Peter Kronowitt is a Software Strategist in Intel's Open Source Technology Center and is responsible for developing and managing the worldwide program for Linux operating system vendors. He consults with Linux distributors, industry and community for enhancement of Linux for Itanium and IA-32 processors, architectures and strategic platforms.
- Intel's Open Source Technology Center is chartered to enable and optimize open source operating systems, such as Linux, for Intel silicon, platforms, products, and technologies. Our engineers are developers and maintainers for many open source projects related to Intel platforms including High Availability, Power Management, Performance and Scalability.
- Peter has 20 years in the high-tech sector, with IBM, Xircom and more than twelve years with Intel. He has led global teams for market and platform roadmap development in the worldwide channel and directed software ecosystem relationships for new Intel platform introductions. Peter has been evangelizing Linux and Open Source within Intel and the industry since 2000, and regularly contributes to Intel's corporate Open Source strategy. Peter has held positions as board observer in JBoss as part of an Intel Capital equity investment, was a founding and Steering Committee member of the Open Business Readiness Rating, and Steering Committee Vice Chair for the Open Source Development Lab Desktop Linux Working Group.

Professor Jeff R. Wright Dean; School of Engineering University of California, Merced

Creating an Open Source Academic Environment.....

- For Faculty:
- Open source environment (VZ) for research computing
 - Central file service/backup for research computing
 - Establishing an OS culture supporting faculty productivity
 - Design and implementation of *Collaboratory* functionality

- For Students:
- Open source *Collaboratory*
 - Foundational courses
 - Seminars and workshops
 - Jobs opportunities



- For Staff:
- User-driven applications
 - Ownership and content responsibility
 - Training and information empowerment

Bill Welty

Chief Information Officer

California Air Resource Board

- Responsible for CARB's information technology systems, services, policies and operations. The ARB has been developing systems and providing public access to air quality data via the WEB since 1994. It has standardized on open source, using products like Linux, Apache, PHP, mysql and other tools. Currently, over 65% of ARB's servers run Linux, 67% of its databases use mysql or postgres sql, and 89% of its web services rely on Apache.
- Bill leads the California State Open Source Users Group, reporting to the State CIO's IT Council. The OSWG was formed to identify and assess those open source solutions representing best value opportunities in terms of increasing the performance and reliability of state systems, lowering state IT costs and ensuring competition in the IT marketplace.
- Previously, Bill served as the Agency Information Officer for the California Environmental Protection Agency. He also directed the Office of Technology Adaptation and Planning for the California State Controller's Office, introducing innovative uses for desktop computers and office technologies