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REAL WORLD LINUX 2004 CONFERENCE & EXPO

THE key event in Canada exclusively dedicated to Linux and Open Source Applications, Solutions and Hardware for Management and Technology professionals in enterprise, manufacturing, education, financial, telecommunications, SMB, government agencies, life sciences --- virtually all sectors.

Welcome

"LINUX NOW" zeros in on current Technology Hot Spots: Security; Storage; Network Management; Communications; Data Management Applications & Solutions; CRM/ERP; Web and Internet Services; Clustering and the Desktop.

Computer technology is an integral part of the infrastructure in every business today. IT professionals and management are critically aware of the high costs of implementation, maintenance, upgrades and annual licensing fees. Today, Linux and Open Source systems offer a low cost viable alternative.

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A World Class Trade Show - Time equals $$$ and your time is very valuable. RWL04 exhibitors focus exclusively on Linux and Open Source hardware, software and service solutions. Get real hard facts and evaluate and see up-to-the minute technologies from leading vendors. Experience the direct connection in hands-on demonstrations with experts that will give you concise information to make qualified and educated buying decisions.

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Bruce Cole, *President*
Real World Linux Inc.

Jai Cole, *Show Director*
Real World Linux Inc.

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April 13-15, 2004
Metro Toronto Convention Centre
255 Front Street - North Building

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register online at: www.realworldlinux.com or on page 14

Keynotes are FREE to all attendees!

Wednesday, April 14, 2004

9:45am - 10:45am

Nat Friedman, *Vice President of Research and Development, Novell Ximian Service*

WHAT'S NEXT FOR LINUX? ACHIEVING BROAD-SCALE LINUX DESKTOP ADOPTION

Enterprise Linux is not an island: it's a central component of tomorrow's technical infrastructure, encompassing everything from messaging systems to corporate databases and documents in a variety of standard formats. One of the most-watched and least-understood phenomena in the open source world is the viability of Linux-based desktops. This keynote presentation will provide an overview of the state of Linux desktop technology, identify and examine the sectors where Linux desktop deployments will work, the sectors where Linux desktop deployments will fail, and what you can expect from the Linux client world in the next year or two and how Novell is leading the way.

Nat Friedman, a long-time open source developer and major contributor to the GNOME project, Nat Friedman co-founded Ximian to create a GNOME-based desktop application suite that would meet the demands of large scale enterprise deployments. With the release of Ximian Desktop 2 and the subsequent acquisition of Ximian by Novell, Nat is now a driving force behind Novell's Linux product and open source strategies. Both a hacker and young entrepreneur, Nat's dynamic personality has made him a natural leader and an important spokesperson for the Free Software movement. Nat holds bachelor's degrees in Mathematics and in Computer Science from MIT.

2:00 pm – 2:50 pm

C.J. Coppersmith, *Director of Linux Strategy HP*
Dan Ryan, *Mgr. Infrastructure & Desktop Management City of Calgary*

THE FUTURE OF LINUX: TURNING THE VISION INTO REALITY

More customers are realizing the advantages of the low cost, reliability and scalability provided by Linux. Coppersmith will discuss HP's vision for Linux and how the company uses Linux to help customers increase flexibility and adaptability of their infrastructures and build next-generation data centers. He will show how HP partners with customers for end-to-end Linux business solutions – including optimized IA-32 and IPF platforms; clusters; management software; services for deploying, supporting, and managing Linux environments; and, the vital ecosystem of partners that is helping deliver this innovation. Dan Ryan, will show how the City of Calgary's IT Department has used HP's Linux platform to reduce costs and improve performance. See his seminar in detail: 317.

CJ Coppersmith, director of Linux Strategy for HP, is responsible for Linux Strategy and Business Planning, including relationships with distributors and software partners. Previously CTO in HP's Alpha Systems Division, he has managed eBusiness and operating system security and interoperability programs.

Dan Ryan, Mgr. of Infrastructure & Desktop Management City of Calgary has worked with The City of Calgary over the past 20 years. Several of the projects Dan has led during his career at The City have received national and international recognition including their tremendous success story around Linux.

Thursday, April 15, 2004

9:45 am – 10:45 am

Ed Kilroy, *President of IBM Canada Ltd.*

OPEN COMPUTING FOR E-BUSINESS ON DEMAND: AN EXECUTIVE PERSPECTIVE

Today the marketplace is more demanding and volatile than ever before. To compete and survive, businesses must adapt and respond to unprecedented change. Specifically where delivering products, services and solutions - On Demand. Fundamental to increasing the adaptive nature of any enterprise, large or small, is open computing and standards. This is demonstrated by the thousands of organizations, including IBM, that have embraced Linux as the cornerstone of their on demand business strategy. In this keynote address, Ed Kilroy, President of IBM Canada Ltd., will provide insight into IBM's on demand strategy; the key role that open standards play in the execution of that strategy; and the benefits that IBM and its customers' have achieved by opening their organizations to the exciting era of e-business on demand.

Ed Kilroy is President of IBM Canada Ltd., responsible for delivering information technology solutions to the Canadian marketplace. Since, April 2001, Ed has led IBM Canada and its customers in implementing the next wave of on demand e-business. Most recently, he was GM of electronic commerce in IBM's Software Solutions Division, Somers, and New York responsible for IBM's overall e-commerce strategy and software products that enable B2B and B2C e-commerce. Ed joined IBM in 1982 and has held senior executive positions in sales, marketing and services for IBM in Canada, the United States and Australia Ed graduated from Yale with a BA in Administrative Sciences and holds an honorary Doctor of Education from Nippissing University 2002.

2:00pm - 2:50pm

Jon "maddog" Hall, *Executive Director of Linux International*

FREE AND OPEN SOURCE: IT'S PLACE IN BUSINESS AND GOVERNMENT

Free and Open Source is the next step in software development. In the early days of computers, there was the era of "hand-crafted" software, then the era of "shrink-wrapped" software. Today the efficiencies of "shrink-wrapped" are being overwhelmed by the costs of changing your business to meet the needs of that particular software. The new model is choosing the software you need and using the money saved on non-payment of royalties to the manufacturers to tailor the software exactly to your needs using local software people. Find out how many world's governments and businesses are getting better service from their software providers, at lower costs, and with greater security.

Jon "maddog" Hall is the executive director of Linux International, a non-profit association of computer vendors who support and promote Linux. He is an icon in the Linux and Open Source community for more than 30 years. He has worked for Western Electric Corporation, Aetna Life and Casualty, Bell Laboratories, Digital Equipment Corporation, VA Linux Systems, and is currently funded by SGI. He taught at Hartford State Technical College, Merrimack College and Daniel Webster College. He has authored numerous articles, and one book, "Linux for Dummies". He serves on the boards of several companies, and non-profit organizations, including the USENIX Association. Hall has traveled the world speaking on the benefits of Open Source Software.

This keynote will be of interest to government, education and business professionals.

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Trade Show Hours:
April 14, 11:00am-6:00pm
April 15, 11:00am-5:00pm

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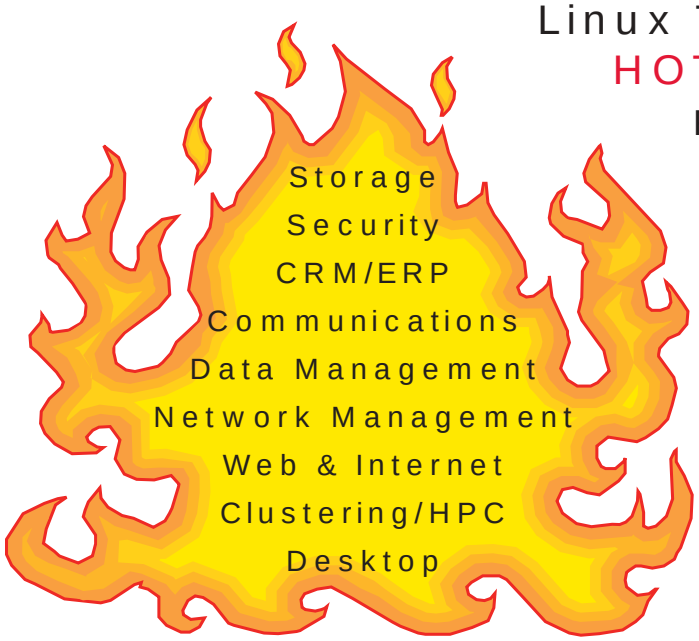

Linux Technology HOT SPOTS

RWL04

zeros in on the current technology hot spots for Linux and Open Source applications, solutions and hardware. Learn about Implementation, Total Cost of Ownership, ROI and Distributions from the pioneers and experts directly from the companies responsible for leading products and services.

Visionaries are FREE for all conference attendees!

Wednesday, April 14, 2004

12:00 pm – 12:50 pm

Miguel de Icaza, *Chief Technology Officer, Novell Ximian Services*

The Mono project - How the Open Source community embraces .NET

Mono, an open source community implementation of the .NET development framework, is changing the way developers approach application development for enterprise Linux applications. With Mono, .NET applications can be easily developed for multiple platforms, including Linux. This session, led by Mono project founder Miguel de Icaza, will bring you up to date with the latest news from the Mono project, from the state of the project today, to a glimpse of Mono's future potential. He holds bachelor's degrees in Mathematics and in Computer Science from MIT.

Miguel de Icaza is one of the foremost luminaries in the Linux development community and a prominent advocate for Free Software. A Ximian co-founder and founder of the GNOME Foundation, Miguel has helped make Linux accessible to the average computer user. Recently, Miguel has begun the Mono project, a Novell-led open source effort, to provide developers with tools for building cross-platform Microsoft .NET applications that can run on Linux, UNIX and other support platforms.

1:00 pm – 1:50 pm

Sponsored by: CATA*ALLIANCE*
Panel

Enterprise Open Source

Open Source software offers a compelling value proposition: security, stability, price, and flexibility. But polarized debate over open and proprietary solutions and confusion about application domain maturity levels, make it difficult for decision-makers. The results of a survey conducted by the Canadian Advanced Technology Alliance on corporate attitudes and adoption plans will be released in this session. There will be stimulating panel discussion and concrete recommendations on how CIOs can cut through "FUD" to get to "ROI". Senior IT executives and those looking to influence their decisions will find this session of great value.

Moderator:
Anne Lotz-Turner, senior advocate, Open Source, CATA*ALLIANCE*
Panelists:
Ross Button, VP, emerging technologies, CGI
Joseph Dal Molin, president, e-cology Corporation
Jon "maddog" Hall, executive director Linux International

Thursday, April 15, 2004

12:00 pm – 12:50 pm

Juergen Geck, *Chief Technology Officer, SUSE LINUX, AG*

Systems Management -- The New frontier for Linux

Defining a common standard for systems management enables the Open Source community, to leverage current proprietary systems management tools to manage and run software stacks -- both Open Source and proprietary -- flexibly. The standard will enable ISVs to write to a single standard API for systems management -- providing an explosion in available applications. Collaboration and knowledge sharing between vendors and Open Source projects will maintain standards and enable support of systems management and hardware platforms.

Juergen Geck is responsible for the technology strategy and design of SUSE's flagship, SUSE LINUX Enterprise Server, enabling the first enterprise Linux offering in the market. He built strong alliances with AMD, Fujitsu-Siemens-Computers, HP, IBM, Intel, Oracle and SAP and a framework for SUSE to cooperate with all major hardware vendors and CPU manufacturers. In 2002, he introduced SUSE's Technology Partner Program.

1:00 pm – 1:50 pm

Karen Bennet: *Red Hat*

Details unavailable at press time. Please visit www.realworldlinux.com

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Tuesday, April 13, 2004

TUTORIAL	TRACK	TIME	SEMINAR TITLE	SPEAKER
Tutorial 1	DESKTOP	9:00 am-12:00 pm	Linux for Dummies	Dee Ann LeBlanc
Tutorial 2	COMMUNICATION	9:00 am-12:00 pm	Making the Transition to Embedded Linux Development	Richard Sevenich
Tutorial 3	WEB/INTERNET/SECURITY	9:00 am-12:00 pm	Anti-Spam Filtering: Configuring the Enterprise for Speed & Efficiency	David Skoll
Tutorial 4	ENTERPRISE/GOVERNMENT	9:00 am-12:00 pm	Linux Customization: Three Case Studies	Dan Morrill
Tutorial 5	DESKTOP	1:15 pm-4:15 pm	Migration to the Linux Desktop: A Practical Guide	Marcel Gagné
Tutorial 6	COMMUNICATION	1:15 pm-4:15 pm	Carrier Grade Linux	Ibrahim Haddad
Tut/Workshop 7	WEB/INTERNET/SECURITY	1:15 pm-4:15 pm	Installation and Configuration - Hands-On	John Lathrop
Tutorial 8	ENTERPRISE/GOVERNMENT	1:15 pm–4:15 pm	Full Cost Accounting Methodology for IT Projects: You Paid What??!	Joseph Potvin

Wednesday, April 14, 2004

SEMINAR	TRACK	TIME	SEMINAR TITLE	SPEAKER
201	SECURITY	8:30 am-9:30 am	Battling Spam and Viruses at the Server	Dee Ann LeBlanc
202	DESKTOP	8:30 am-9:30 am	Managing Corporate Linux Desktops	Anthony Kay
203	STORAGE/EXECUTIVE SUMMIT	8:30 am-9:30 am	Cost Effective Network Storage Linux Solutions	Paul von Stamwitz
204	NETWORKING	8:30 am-9:30 am	Red Hat Enterprise Linux: A Technology Overview	Nick Carr
205	WEB/INTERNET/GOVERNMENT	8:30 am-9:30 am	The OPA Success Story	Joseph Potvin
Keynote 1	KEYNOTE	9:45 am-10:45 am	What's Next for Linux? Achieving Broad-Scale Linux Desktop Adoption	Nat Friedman
206	SECURITY	11:00 am-11:50 am	Open Source versus Commercial Code - A Comparison	Jasper Kamperman
207	DESKTOP/EXECUTIVE SUMMIT	11:00 am-11:50 am	Free Libre Open Source Software(FLOSS) Makes Business Sense	John H. Terpstra
208	CLUSTERING:HPC/EXEC SUMMIT	11:00 am-11:50 am	Clustering & High Availability for Linux	Roger Davis
209	NETWORKING/GOVT/EXEC SUMMIT	11:00 am-11:50 am	The Financial Impacts of Managing IP Address Growth	Patricia A. Steadman
210	WEB/INTERNET	11:00 am-11:50 am	Using Linux as a Web Services Platform	Albert Hsu
VS1	VISIONARY	12:00 pm-12:50 pm	The Mono Project - How the Open Source Community Embraces .NET	Miguel de Icaza
VS2	VISIONARY	1:00 pm-1:50 pm	Enterprise Open Source	CATA*ALLIANCE* Panel
Keynote 2	KEYNOTE	2:00 pm-2:50 pm	The Business and Economics of Linux and Open Source	C.J. Coppersmith/D. Ryan
211	SECURITY	3:00 pm-4:00 pm	Red Hat Enterprise Security	Ulrich Drepper
212	DESKTOP	3:00 pm-4:00 pm	KDE Grows Beyond the Desktop	George Staikos
213	CLUSTERING:HPC	3:00 pm-4:00 pm	Linux in High End Computing	Dirk Hohndel
214	NETWORKING/EXECUTIVE SUMMIT	3:00 pm-4:00 pm	The Open Source Adoption Conundrum	Matt Asay
215	WEB/INTERNET/GOVT/EXEC SUMMIT	3:00 pm-4:00 pm	Legal Issues in Open Source Licensing	Arshia Tabrizi
216	SECURITY/GOVT/EXECUTIVE SUMMIT	4:15 pm-5:15 pm	Using Linux to Provide Quality of Service for Network Infrastructures	Doug Hass
217	DESKTOP/EXECUTIVE SUMMIT	4:15 pm-5:15 pm	Java on the Desktop	Gordon Sissons
218	CLUSTERING:HPC	4:15 pm-5:15 pm	High Availability Solutions: Critical Elements	Daniel P. Cox
219	NETWORKING	4:15 pm-5:15 pm	Across the Great Divide: Linux for Windows Administrators	Dan York
220	WEB/INTERNET	4:15 pm-5:15 pm	Open Source Web and Internet Solutions For OS/10	Bruce Hough
BOF 1	BOF	5:15 pm-6:00 pm	Migrating to Linux	Robert P.J. Day
BOF 2	BOF	5:15 pm-6:00 pm	Writing for the Computer Magazine Industry	Marcel Gagné
BOF 3	BOF	5:15 pm-6:00 pm	Visit www.realworldlinux.com For details	
BOF 4	BOF	5:15 pm-6:00 pm	Visit www.realworldlinux.com For details	

Thursday, April 15, 2004

SEMINAR	TRACK	TIME	SEMINAR TITLE	SPEAKER
301	SECURITY/EXEC SUMMIT	8:30 am-9:30 am	Controlling Your Security Destiny	Scott Wimer
302	DESKTOP/EXEC SUMMIT	8:30 am-9:30 am	Linux Replaces Windows, One Desktop at a time - Case Study	R. DeFrangesco/J. Lui
303	FINANCE	8:30 am-9:30 am	Business Finance Software for Linux - An Overview	Christopher Browne
304	EXECUTIVE SUMMIT	8:30 am-9:30 am	The Adaptive Enterprise Strategy	Bill J. Dupley
305	GOVERNMENT	8:30 am-9:30 am	ERP Application on Linux: City of Bloomington Case Study	G. Volan/V. Sankaran
Keynote 3	KEYNOTE	9:45 am-10:45 am	Open Computing for e-Business on Demand: An Executive Perspective	Ed Kilroy
306	SECURITY	11:00 am-11:50 am	Security in a Linux Environment	David Safford
307	DESKTOP/GOVT/EXEC SUMMIT	11:00 am-11:50 am	Strategic Considerations - Migrating to the Linux Desktop	Marcel Gagné
308	FINANCE/EXEC SUMMIT	11:00 am-11:50 am	10 Steps to Successful Linux Migration	Evan Leibovitch/Matt Rice
309	EXECUTIVE SUMMIT	11:00 am-11:50 am	Linux Industry Development & Adoption Trends in Canada	Warren Shiau
VS3	VISIONARY	12:00 pm-12:50 pm	Systems Management - The New Frontier for Linux	Juergen Geck
VS4	VISIONARY	1:00 pm-1:50 pm	Red Hat	Karen Bennet
Keynote 4	KEYNOTE	2:00 pm-2:50 pm	Free and Open Source: Its Place in Business and Government	Jon "maddog" Hall
310	DESKTOP	3:00 pm-4:00 pm	Case Study: Linux Thin Client in a large Medical Practice	M. Echt/J. Rosen
311	FINANCE	3:00 pm-4:00 pm	Linux in the Finance Sector	Len Santalucia
312	EXECUTIVE SUMMIT	3:00 pm-4:00 pm	Migration to Linux - A Senior Management Perspective	Steve Poelking
313	GOVERNMENT	3:00 pm-4:00 pm	Case Study: Children's Services Migration to Linux Desktop	Randell Clarke
314	SECURITY/EXEC SUMMIT	4:15 pm-5:15 pm	Pros & Cons of Using Open Source for Perimeter Defense	Jan Hichert
315	DESKTOP	4:15 pm-5:15 pm	Introduction to the Linux Terminal Server Project- LTSP	James McQuillan
316	EXECUTIVE SUMMIT	4:15 pm-5:15 pm	The Platform Debate: What You Need to Maximize Your IT Investment	Alec Taylor
317	GOVERNMENT	4:15 pm-5:15 pm	The City of Calgary : Implementing Linux a Case Study	Dan Ryan

IDC Analyze the Future

The Executive Summit Track is sponsored by IDC Canada and is designed for senior decision makers IDC senior consultants will conduct several of the seminars at the Summit.

Open Migration The Desktop Linux Consortium

The Desktop Track is sponsored by the Desktop Linux Consortium. DLC members will conduct several of the seminars.

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Tuesday, April 13, 2004

9:00am – 12:00pm

T1 LINUX FOR DUMMIES
TRACK: Desktop
SPEAKER: Dee Ann LeBlanc

This tutorial will provide a thorough survey of Linux fundamentals; what makes Linux, why it is special and how to select a distribution that suits your needs and budget. Finally, a tour of the filesystem, applications, installations, dispelling the myth "that there is not enough software for Linux users". There will be a slight focus on Red Hat Linux, discussion and coverage of other distributions will be included. You will come away with a stronger grounding in this exciting operating system, and the many applications that commonly come with it. Bring your questions and a sense of curiosity. If you have Linux on a laptop bring it along and try what you are learning. **Bonus! You could win one of Dee-Ann's books.**

Dee-Ann LeBlanc, RHCE author of *Linux for Dummies* and the upcoming *Linux Annoyances*.

T2 MAKING THE TRANSITION TO EMBEDDED LINUX DEVELOMENT
TRACK: Communication
SPEAKER: Richard Sevenich, PhD.

Changes in the nature of embedded systems coupled with the sudden prominence of Linux provide an opportunity for programmers to move into the embedded systems arena. Richard details the resources and steps needed for programmers to make the transition. He focuses on the configuration and use of the development environment and discusses the software and hardware. Attention is on the interconnectivity between the Linux development workstation and the embedded target. Programmers without embedded systems experience will receive a clear path for the transition to a useable level of familiarity with embedded systems development.

Richard Sevenich, Professor of Computer Science, Eastern Washington University Cheney, WA, USA.

T3 ANTI-SPAM FILTERING: CONFIGURING THE ENTERPRISE FOR SPEED & EFFICIENCY
TRACK: Web/Internet Security
SPEAKER: David Skoll

In business, filtering e-mail for spam is a necessity.
David will discuss Open-Source tools administrators can use for e-mail filtering, including SpamAssassin, MIMEDefang, Sendmail and Perl. Learn:

- steps for combining tools and reducing spam
- a system architecture for efficient spam and virus scanning in large mail environments
- how to enable separate mail streams and individual user control over filtering preferences
- knowledge of each of the OS tools their purpose, capabilities and drawbacks
- how to integrate these tools into a mail filtering environment
- tips & tricks about mail scanning and spam fighting

The tutorial is for intermediate and advanced Linux administrators, a familiarity with Perl and Sendmail is recommended.

David Skoll, president of Roaring Penguin Software, Inc.

T4 LINUX CUSTOMIZATION: 3 CASE STUDIES
TRACK: Enterprise/Government
SPEAKER: Dan Morrill

Understanding a Linux system is only the beginning: the next step is customizing it. Dan will provide the specific details of how 3 very different systems were built from the same stock base installation. This tutorial is unique; it provides the big picture and the nitty-gritty that other resources do not. Learn:

- how to construct a secure, highly functional firewall server, a RAID-based disk server, and a game-oriented arcade-style system
- how easy and challenging it is to customize a basic Linux system for many applications
- how to replicate the systems, or create their own variants

Bonus! The first 35 attendees get a copy of Dan's book.

Dan Morrill, author of *Tuning and Customizing a Linux System, designs computational systems for GE.* Apress

1:15pm – 4:15pm

T5 MIGRATION TO THE LINUX DESKTOP: A PRACTICAL GUIDE
TRACK: Desktop
SPEAKER: Marcel Gagné

Desktop Linux is going mainstream. Many organizations are migrating to Linux. Should your establishment do the same? Using recent implementations and case studies, Marcel, will provide a practical guide by looking at the strategies and tools behind successful migrations, including the cost-effective world of thin clients. He will cover the challenges of saying goodbye to Microsoft from a technical standpoint and, more importantly, a human and "cultural" perspective. Learn the benefits and costs; discover how with the right tools, software and information you can make the transition with confidence and reap the benefits of moving to Linux.
Bonus! You could win one of Marcel's books.

Marcel Gagné, author of the Linux Journal *Cooking with Linux Series*, and *Moving to Linux: Kiss the Blue Screen of Death Goodbye!* *Linux System Administration: A User's Guide.*

T6 CARRIER GRADE LINUX
TRACK: Communication
SPEAKER: Ibrahim Haddad

This tutorial will present an overview of the activities within the Open Source Development Labs (OSDL) to advance the case of Linux in the telecom space. Ibrahim, will discuss the characteristics of communication systems and telecom platforms and the motivations to have Linux power telecom platforms, the specification work in the Carrier Grade Linux (CGL) group in OSDL, and how the industry is promoting, designing and developing Carrier Grade Linux. He will review the features/characteristics of carrier grade systems to see if and how Linux Clusters meet telecom requirements. This tutorial will be of exceptional value to telecom managers, system designers, and researchers who want to learn more on the current status of Linux in telecom and how it's moving forward with the OSDL CGL efforts.

Ibrahim Haddad, a researcher at Ericsson Research Canada, the Open System Lab representing Ericsson on the Technical Board of the OSDL, CGL working group.

W7 INSTALLATION AND CONFIGURATION HANDS ON WORKSHOP
TRACK: Web/Internet Security
SPEAKER: John Lathrop

Participants will learn by doing. Linux is no longer, a tangle of arcane commands, configuration nightmares, and lurking 'gotchas'. In fact, basic services are increasingly straightforward. The directive approach of the tutorial makes it of value for beginners; the topics make it appropriate for intermediate users. Learn how easy basic setup can be, including networking, file sharing, web serving, etc., while learning the basics of the most important configuration files for more complex installations:

- how to install Linux across a network, and configure it for DHCP networking
- how to set up Linux/Windows networking and file sharing using Samba
- how to set up e-mail, a web server, a simple database using MySQL, and import and export documents using OpenOffice in GNOME.

Bonus! Attendees will receive a copy of John's book.
This tutorial is limited to 15 attendees; seating is on a first come basis.

John Lathrop, *MIM*, consultant Linux Leap and author of *Linux Desktop Starter Kit* and *Linux in Small Business.* Apress

T8 FULL COST ACCOUNTING METHODOLOGY FOR IT PROJECTS: YOU PAID WHAT??!
TRACK: Enterprise/Government
SPEAKER: Joseph Potvin

Based on the pre-publication draft report of an international workshop held in Ottawa this year, participants will learn about emerging guidelines for "Full Cost Accounting" (FCA) in the IT sector, and the implications for their IT operations. FCA extends assessment and reporting beyond obvious costs for direct deliverables, to a set of logically related downstream or indirect financial costs and benefits. FCA gives IT decision-makers the ability to anticipate and track if indirect or downstream could be pushing costs beyond budget, deliveries past due dates, and results below expectations. The multi-billion dollar scale of IT spending has led to calls for greater accountability. FCA provides a way for senior management to communicate about enterprise-level ROI, and positive or negative "externalities."

Joseph Potvin, senior economist and systems architect, and member of the management team of the IT Standards, Architecture & Security Sector/ IT Services Branch, Public Works and Government Services Canada.

For Detailed Speaker Biographies and all event updates

GO TO
www.realworldlinux.com

Wednesday, April 14, 2004

8:30am – 9:30am

201 Battling Spam and Viruses at the Server
TRACK: Security
SPEAKER: Dee Ann LeBlanc

A report from Nucleus Research states the average cost of spam to business is $874.00 per employee, per year. This is only the case when the employee receives a mere 13.3 spams per day, not including the cost of damage and lost productivity caused by viruses! This seminar focuses on proven tools and strategies for combating both spam and viruses with your Linux server, while leaving the end user in control of their own mail flow. Whether a large organization, SMB, ISP, or a user with a small home network, you will learn, how mail administrators can combine collections of freely available tools to make spam only a minor annoyance in your business. **Bonus! Attend this seminar and have the chance to win one of Dee Ann LeBlanc's books.**

Dee-Ann LeBlanc, see bio Tutorial 1.

202 Managing Corporate Linux Desktops
TRACK: Desktop
SPEAKER: Anthony Kay

Managing corporate linux desktops with Ximian Desktops 2 and Red Carpet Enterprise will be the focus of this seminar. Participants will learn the ease of use of the XD2 desktop environment when installed on popular Linux distributions, and how to ease the transition from Windows environments to Linux, Including, how to manage applications and patches with Ximian Red Carpet Enterprise, a secure, customizable solution that automates the central management of software on workstations and servers running a variety of Linux distributions.

Anthony Kay, technology solutions architect, Novell.

203 Cost Effective Network Storage Linux Solutions
TRACK: Storage
SPEAKER: Paul von Stamwitz

With iSCSI initiator support in Linux and commercially available target software, integrators and system providers have the option to build cost-effective iSCSI storage systems using off-the-shelf hardware. This seminar will describe how to build systems and which applications are best suited, including issues of performance; configuration; redundancy; cost benefits and reasonable expectations of performance. You will understand clearly the technical characteristics of the components that are required to match their applications. Until now, external storage has been propriety hardware-based. Even "white box" systems use proprietary RAID controllers. This seminar shows that integrators can build their own systems at a fraction of the cost.

Paul von Stamwitz, technology strategist for 3ware.

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204 Red Hat Enterprise Linux: A Technology Overview
TRACK: Networking
SPEAKER: Nick Carr

The adoption of Linux is growing rapidly, in the enterprise and commercial IT environments. Attendees will learn the latest information on Linux solutions and technologies specifically to address this market. The focus is on Red Hat's enterprise products and how they provide an excellent platform for use in the commercial applications market. The seminar includes technical information on high-end Linux operating system performance features, such as support for large memory, SMP, and I/O systems, on 32- and 64-bit architectures. It also describes the configurations and setups used for recent record-breaking performance benchmarks and their relevance to typical production environments. This seminar is a must if you want to gain a better understanding of Red Hat Enterprise Linux.

Nick Carr, enterprise product management team, Red Hat

205 The OPA Success Story
TRACK: Web/Internet/Govt
SPEAKER: Joseph Potvin

The OPA (Online Proposal Appraisal) story is a case study about the rationale of open source methods from the perspective of a project founder and shows how small projects can be architected and managed in valuable, sustainable collaborations. The project began in, 1999-2000; OPA Version 1.0 was created and delivered under budget and ahead of schedule as a ColdFusion/MSAccess application to the MINGA Program of IDRC (International Development Research Centre). This success story shows how the deliberate business and IM/IT architectural decisions of the team led to one of the first official GNU-GPL software releases by the Government of Canada.

Joseph Potvin, see bio Tutorial 8

11:00am – 11:50am

206 Open Source Versus Commercial Code – A Comparison
TRACK: Security
SPEAKER: Dr. Jasper Kamperman

Proponents of Open Source software claim that their code is of higher quality than the equivalent commercial software. Opponents of OS argue that OS software is unreliable. This seminar is a comprehensive comparison. The OS model represents a different approach to the way software is developed, sold, and maintained, therefore encouraging activities that are not common in the development of commercial code. Jasper will examine these activities and compare them to the commercial software development approach. Based upon several software inspections of OS code, including Apache V2.1, Tomcat version 4.1.24 and the Linux TCP/IP stack, Jasper will test the theory that the OS model produces better quality software than commercial software. You will learn specific metrics of each software analysis and details of the defect reports understanding why this is an important measure of code quality.

Jasper Kamperman, Ph.D., principal member of technical staff at Reasoning, Inc.

207 Free Libre Open Source Software (Floss) Makes Business Sense
TRACK: Desktop/Exec Summit
SPEAKER: John H. Terpstra

You can significantly reduce desktop productivity costs by using Open Source. John will document how he used Open Source to collaboratively write two books and produce camera-ready art at much lower cost. He will go through the product life cycle and discuss the relationship between innovation, adoption, economic exploitation and long-term community benefits. John will look at how society can benefit from greater diffusion of technology, highlighting why this is of value to Canada. The North American launch for The Official Samba-3 HOWTO and Reference Guide is at RWL04.
Bonus! Attendees of the seminar have a chance to win a book signed by the author.

John H. Terpstra, CEO/President with PrimaStasys, Inc. Best selling author of *The Official Samba-3 HOWTO and Reference Guide.*

208 Clustering and High Availability for Linux
TRACK: Clustering:HPC/Exec Summit
SPEAKER: Roger Davis

Corporations have shifted to Linux as an obvious way to provide increased computing capacity while achieving lower TCO. As Linux becomes more integrated into core data center operations, high availability is the next business requirement. We will look at data intensive applications; especially those that rely on such business critical databases as Oracle, DB2 and MySQL are now available for Linux. Learn strategies, best practices and cost-effective solutions to enable your business to:

- optimize distributed and blade environments
- make mission-critical databases highly available
- increase application uptime on Linux
- improve and manage storage infrastructure availability

Roger Davis, technical product manager for high availability and disaster recovery products at VERITAS Software.

209 The Financial Impacts of Managing IP Address Growth
TRACK: Networking/Govt/Exec Summit
SPEAKER: Patricia A. Steadman

This seminar is an overview of current broadband and enterprise market dynamics including IP network growth and consolidation. Patricia will present a business case for a robust IP management solution over a Linux platform and show multiple paths for cost savings, revenue generation, increased customer satisfaction and brand building. She will look at current successes and challenges where enhanced services are deployed and compare and contrast "real world" examples from different service providers, enterprises, and vendors including broadband service provider benefits and enterprise benefits. Key topics include:

- current IP addressing and provisioning challenges
- hidden costs and financial impacts of IP address growth in networks
- best practices in IP address management
- lessons learned summary

Patricia Steadman, co-founder, Incognito Software.

210 Using Linux as a Web Services Platform
TRACK: Web/Internet
SPEAKER: Albert Hsu

Why should organizations consider Linux as a Web services platform? Gain a competitive edge, learn how to transform limited, single-purpose applications and data services into open Web services, and share them beyond the firewall to reach new customers - all by leveraging Novell exteNd* 5, Novell's latest Web application development suite provides cross-platform support for a wide range of application servers - including WebSphere, WebLogic, Tomcat and exteNd - and integrates with secure identity management offerings.

Albert Hsu, technology solutions architect, Novell Canada Ltd.

3:00pm – 4:00pm

211 Red Hat Enterprise Security
TRACK: Security
SPEAKER: Ulrich Drepper

Information not available at press time.
Please visit www.realworldlinux.com for details.

212 KDE Grows Beyond the Desktop
TRACK: Desktop
SPEAKER: George Staikos

KDE is a powerful Open Source graphical desktop environment and the leading desktop environment for Linux based systems. This seminar presents an overview of KDE and new features in the latest release a case study of a KDE deployment and "Kolab" a groupware client and server for Linux (a Microsoft Exchange server replacement with compatibility for Outlook and other mail clients). Attendees will learn how to use the Kolab server to break their dependency on commercial e-mail solutions and how KDE provides a complete desktop solution for Linux and what enterprise features it contains. A case study delivered by a representative from DisplayWorks will outline their experiences and the benefit of migrating to a Linux/KDE.

George Staikos, member of the core KDE development team and the North American press contact for KDE.

213 Linux in High End Computing
TRACK: Clustering/HPC
SPEAKER: Dirk Hohndel

Linux is successful in edge-of-network servers. Customer demand has created convincing deployments and significant market segment share of web, file and print servers running Linux. Through case studies with capability analysis combining practical experience with theoretical analysis, this seminar will present insights into the broad areas where Linux can be successfully deployed and provide pointers on new developments based on the next generation of the Linux kernel. Including:

- are there more exclusive areas of computer use today?
- is Linux ready to be used in high performance computing or as data base engines at the core of a corporate data center?
- what about a web services application server?

Dirk Hohndel, technical software strategist for Intel and founder of Linux and Open Source Strategy.

214 The Open Source Adoption Conundrum
TRACK: Networking/Exec Summit
SPEAKER: Matt Asay

The IT world is increasingly divided between closed and open systems making the choice between the two critical. Is your network and associated IT a Trojan horse for your vendor to control you and your data, or is it a tool that maximizes utility and gives you the option to go elsewhere for better service? Open Source can put you in control of your IT, and generates innovation, whether you are a vendor or end-user. This seminar will discuss the perils and promise and the importance of having choice in IT, and will provide detailed examples of the difficulties and payoff inherent in the transition from a closed-source IT user to an open source adopter.

Matt Asay, director, Linux Business Office of Novell is responsible for charting Novell's Linux/OSS strategy.

215 Legal Issues in Open Source Licensing
TRACK: Web/Govt/Exec Summit
SPEAKER: Arshia Tabrizi

Technology lawyer Arshia Tabrizi goes beyond the myths & misunderstandings about dangers of using Linux & Open Source software and answers questions including: Do I have to license back my modifications? Can I do anything I want with open source software? Can I keep the copyright in my code? Topics covered:

- history and concept of Open Source software
- copyright protection for software products
- software licensing from a business and legal perspective
- analysis of licensing issues for Linux under GPL & LGPL
- other Open Source licenses (BSD, Perl etc.)
- licensing your product using Open Source and Innovative Business Models
- SCO litigation regarding Copying of Code

Arshia Tabrizi, founding partner of Tabrizi Law Office.

4:15pm – 5:15pm

216 Using Linux to Provide Quality of Service for Network Infrastructures
TRACK: Security/Govt/Exec Sum
SPEAKER: Doug Hass

The Internet has become the infrastructure of choice for businesses and consumers for an increasing array of communications technologies. However, as organizations shift more mission-critical commerce applications to their IP infrastructure, maintaining end-to-end quality of service becomes critical. Based on the Differentiated Services RFC, Linux can solve these QoS issues. This seminar will examine case studies and address end-to-end quality of service, methodologies and implications under Linux, the technical issues for administrators and network providers, and state-of-the-art technologies for Linux. Case studies include DNS Online, a full-service ISP in northern Indiana providing dial-up, Web hosting, co-location and wireless services www.dnsonline.net and Mid America National Bank, a regional bank based in Canton, Illinois with multiple branches in southern Illinois. www.midnatbank.com

Doug Hass, executive vice president and chief operations officer of ImageStream Internet Solutions.

217 Java on the Desktop
TRACK: Desktop
SPEAKER: Gordon Sissons

Is now the time to move Linux onto the mainstream business desktop? Momentum is growing around Linux and an increasing number of major players are showing support. Gordon will discuss the new opportunities Linux brings to organizations and participants will learn:

- how to cost-effectively deploy Linux office productivity applications on the desktop
- what environments offer the greatest ROI from the desktop applications space
- to what degree have productivity offerings like StarOffice and OpenOffice.org been successful

Gordon Sissons, VP of products and technology Sun Microsystems of Canada.

218 High Availability Solutions: Critical Elements
TRACK: Clustering:HPC
SPEAKER: Daniel P. Cox

High availability is a business critical requirement in the enterprise. Proprietary, community partner and Open Source solutions are available in the Linux environment. However, not all products will protect you from all disasters and you must be cautious when making your analysis. Save time and valuable dollars by learning the critical elements required when designing and implementing a high availability solution.

Daniel P. Cox, Manager, Linux Cluster Programs HP.

219 Across the Great Divide: Linux for Windows Administrators
TRACK: Networking
SPEAKER: Dan York

Despite the flame war coming from both sides, the reality is that both Linux and Windows have a role to play in enterprise networks. If you are a Windows administrator, or responsible for a Windows-centric infrastructure, join this informative session to understand the similarities and differences between Linux and Windows, the strengths and weaknesses of both - and most importantly how the two operating systems can interoperate. Whether you already have Linux running in your network, are considering a pilot project, or just want to know more but don't know where to start, this seminar will help you understand how to build upon your Windows knowledge to rapidly get started working with Linux. **Bonus! Be one of the first 35 attendees to get a free copy of Dan's book.**

Dan York, director of product management for Mitel Networks' Linux-based server products and co-author of *Linux for Windows Administrators.*

SYBEX

220 Open Source Web and Internet Solutions for OS/10
TRACK: Web/Internet
SPEAKER: Bruce Hough

Are you considering an open source approach to deploying web strategies for your business or customers? Mac OS X Server incorporates the best of Open Source and open standards for building and deploying web-based services, along with incredible stability and power of a traditional UNIX-based environment. Learn how the BSD base of Mac OS X delivers Open Source power to the Macintosh platform and seamless-

ly fits into a heterogeneous network of machines, including Windows and Linux. Discover more about Mac OS X's out-of-box web services that provide web managers with flexibility in building services. Receive information on the new Xcode Developer Tools that come with Mac OS X Panther and the newly enhanced management features that make administering services on OS X incredibly easy. This in-depth seminar is specifically designed for web specialists and service providers.

Bruce Hough, senior consulting engineer, Apple Professional Services Group.

Thursday, April 15, 2004

8:30am – 9:30am

301 Controlling Your Security Destiny
TRACK: Security/Exec Summit
SPEAKER: Scott Wimer

The key problem with security today is that it is driven by factors outside of our control. The common themes of, reduce and eliminate vulnerabilities and improve security admin response time are either unpractical or unreasonable. We must address the root causes not the symptoms to achieve success. The process of looking at security from a basis of control is new to the security industry. However, the model is familiar to the business world and engineering disciplines. This seminar will teach you how to use this approach and how to identify the key causal factors in the security problems you face and determine who is in control of those factors. At the end of the program, you will have a clearer vision of how to meet security challenges and win.

Scott Wimer, CTO at Cylant

302 Linux Replaces Windows, One Desktop at a Time – A Case Study
TRACK: Desktop/Exec Summit
SPEAKER: Ralph DeFrangesco and Joe Lui

This presentation will take participants through a case study of a Windows to Linux migration. This case study focuses on a small company and compares and contrasts whether the migration was a success. Attendees will learn:

- the five most important questions to ask before embarking on this kind of project
- advantages and disadvantages of migrating to Linux
- what problems you can expect
- rollout strategy to use and training users might need

Ralph DeFrangesco, architecture program mgr., Aetna Inc.
Joe Lui, international director of indirect channels development for Information Builders, in New York City.

303 Business Finance Software for Linux – An Overview
TRACK: Finance
SPEAKER: Christopher Browne

Why is Linux a good platform for accounting systems? What kinds of accounting systems run on Linux? As a multi-tasking, multi-user system, separation of applications into different components running as different users is natural, and Linux provides a robust base for systems you need to keep running. In large organizations, you need to track activities that do not fit with the standard functionality of even the most elaborate ERP system. The value of the custom system is that it can automatically apply the policies, saving time and eliminating whole classes of errors. This seminar addresses why you should consider Linux for "custom/bespoke" systems.

Chris Browne co-authored the Wrox Press books, *Professional Linux Programming* (2000) and *Professional Open Source Web Services* (2002).

304 The Adaptive Enterprise Strategy
TRACK: Executive Summit
SPEAKER: Bill Dupley

Competitive pressures and increasing cost reductions are forcing organizations to find new ways to strategically change and change quickly to survive. HP as a corporate body has these challenges. Bill Dupley will describe how HP is reengineering their entire information technology architecture to enable rapid change and radical cost reduction. Executives and IT managers will learn the four major components of HP's Adaptive Enterprise IT architecture and review case studies from within HP showing how these new approaches to IT are working.

Bill Dupley, business solutions manager HP Canada.

305 ERP Application on Linux: City of Bloomington Case Study
TRACK: Government
SPEAKER: Gregory Volan and Venkat Sankaran

This seminar is a business case of the City of Bloomington's major upgrade of its Oracle Financials application to version 11i while simultaneously migrating from an HP-UX to a RedHat Linux environment. Bloomington's experience will review the costs and benefits of running a major ERP application on a Linux platform, and the return on investment for using Linux. The seminar will include the technical challenges and solutions of migrating to a Linux platform during a major application upgrade, and identify strategies for ensuring the success of both projects.

Venkat Sankaran, principal consultant Mascon Global Limited.
Gregory Volan, CIO for the City of Bloomington.

11:00am – 11:50am

306 Security in a Linux Environment
TRACK: Security
SPEAKER: David Safford

The threat is real! Today's businesses and organizations are experiencing an alarming number of security attacks resulting in financial losses. The complexity of today's IT networks means implementing a security-rich solution in any environment is a major challenge requiring extensive expertise in a variety of highly specialized disciplines. In this drill down seminar, you will learn:

- what Linux-based solutions are available to meet your security challenges
- why Linux is a securable environment
- importance of assessing your environment
- stages of implementing a secure Linux environment

Dave Safford, manager IBM's Global Security Analysis Lab.

307 Strategic Consideration – Migrating to the Linux Desktop
TRACK: Desktop/Govt/Exec Sum
SPEAKER: Marcel Gagné

There is a huge buzz surrounding Linux on the desktop. A forward thinking manager/ administrator, you have been considering desktop Linux for your organization's future, but you are concerned about the "culture shock" awaiting your users. Just how different is desktop Linux when compared to Windows? Join Marcel Gagné, author of Moving to Linux : Kiss the Blue Screen of Death Goodbye!, for all the answers. Marcel will introduce you to the Linux desktop through a live demonstration of the desktop and its business applications. He'll highlight the similarities and the differences. In the end, you'll discover that desktop Linux is ready for your organization. Bonus! **Attend this seminar and have the chance to win one of Marcel Gagne's books.**

Marcel Gagné, author of the *Linux Journal Cooking with Linux Series*, and *Moving to Linux: Kiss the Blue Screen of Death Goodbye!* and *Linux System Administration: A User's Guide.*

308 10 Steps to Successful Linux Migration
TRACK: Finance/Exec Summit
SPEAKER: Evan Leibovitch and Matthew Rice

The leaders on Wall Street and Bay Street are taking the little penguin seriously. Learn the reasons why leading financial institutions; Credit Suisse First Boston, Morgan Stanley, Charles Schwab and Goldman Sachs have made the switch to Linux and are not looking back. Gartner Group predicts that by the end of 2005, Linux adoption will reach 40% among all financial services firms. Don't miss this opportunity to learn the Ten Steps to a Successful Migration to Linux in the Financial Sector.

Evan Leibovitch, president, the Linux Professional Institute.
Matthew Rice is CIO of LPI, partner in Starnix and current president and co-founder of CLUE.

309 Linux Industry Development & Adoption Trends in Canada
TRACK: Executive Summit
SPEAKER: Warren Shiau

Industry development and trend information presented to Canadians tend to be based on US research and adapted to a Canadian model. This presentation by noted IDC senior analyst Warren Shiau provides actual Canadian market information and addresses:

- where is Linux being used and for what purposes
- what barriers still exist for broader Linux adoption and use
- the potential problems with industry/vendor Linux strategies that need to be addressed before Linux gains wider-spread adoption
- what platforms is Linux displacing, to what extent, and in which verticals

Warren Shiau, senior analyst for the software research program at IDC Canada Ltd.

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310 Case Study: Linux Thin Client in a Large Medical Practice
TRACK: Desktop
SPEAKER: Martin Echt, MD and Jordan Rosen

Learn how a large cardiology group in Albany, New York converted its entire IT network (servers to desktops) from Microsoft/Novell to completely Open Source Linux Thin Client. The results are an enlarged network from 150 to 200 thin terminals. Echt and Rosen will show that a thin client Linux solution is viable and financially attractive in a multi location high user intensity medium business environment including data transfer speed solutions, thin client costs and end user reactions. Learn:

- IT needs of 200+ employees, 35+ physicians, 7 locations
- technical implementation of initial conversion and lessons learned
- financial analysis of the thin client solution
- costs and problems in expanding the network
- technical questions and issues about network and application integration
- final results and reactions of end users

Martin Echt, *Ph D,* a cardiologist at Albany Medical Centre, Albany, NY and lecturer on the virtues of using Linux.
Jordan Rosen, president of Lillecorp. head of the Applied Linux team.

311 Linux in the Finance Sector
TRACK: Finance
SPEAKER: Len Santalucia

Linux has a growing presence throughout commercial and public sectors, the finance sector being one of the greatest exploiters of Linux. In this presentation, Len will describe how Linux is being used to provide an enhanced IT infrastructure within the finance sector. The presentation will cover both the applications solution areas in which Linux is being used and will provide real world examples of Linux in finance.

Len Santalucia, senior consulting certified sales specialist for IBM Americas Linux Impact Team.

312 Migration to Linux: A Senior Management Perspective
TRACK: Executive Summit
SPEAKER: Steve Poelking

The migration to Linux is happening, but where? What workloads are spurring growth for Linux and alternatively, what areas are resisting the lure of the Open Source movement? Employing a mixture of primary survey data and comprehensive forecasting models, this seminar provides insight into the workloads and what deployment drivers are leading Linux server adoption. Participants will view IDC survey data and analysis on server workloads, focusing on the Linux segment. You will also gain insight into market segments that IDC believes will be key to the future Linux market. Focusing on end user perspectives, the presentation provides guidance into key criteria in the Linux server purchasing process.

Steve Poelking, is director of research for IDC Canada's Applications and Infrastucture Products & Services research programs.

313 Case Study: Children's Services Migration to Linux Desktop
TRACK: Government
SPEAKER: Randell Clarke

Randell Clarke, presents how 450 desktops were migrated to Linux on the desktop. In a head to head comparison deploying Windows vs. Linux on the desktop participants will see actual proof – not theory and how one of the first government agencies successfully migrated to Linux on the desktop including the challenges for users and the cost and support benefits.

Randell Clarke, IT configuration specialist with the Children's Services Division of the City of Toronto.

4:15pm – 5:15pm

314 Pros and Cons of Using Open Source for Perimeter Defense
TRACK: Security/Exec Summit
SPEAKER: Jan Hichert

When hardware and software are used to enforce security, some argue that "best in breed" individual applications, from firewall to user authentication, should be put into place so that every function is fulfilled by the most technically advanced technology. A fine strategy if you have a large budget. Executives concerned with costs can look at policies, integrated solutions and Open Source software where multiple functions and modules are collected into a single network server. Learn:

- the challenges of implementing and maintaining OS security projects while keeping costs down
- Open Source for security versus proprietary
- advantages and limitations of using OS for perimeter defense
- how security is handled in the OS, insights into the Netfilter project, the packet filtering aspect of Linux

Jan Hichert, co-founder and CEO of Astaro AG.

315 Introduction to the Linux Terminal Server Project – LTSP
TRACK: Desktop
SPEAKER: James McQuillan

Corporations large and small are actively installing Linux on the desktop. LTSP simplifies this task by providing Thin Client support to Linux. This results in a very robust environment, minimizing costs and deployment time. In addition to supporting new state-of-the-art Thin Client computers, LTSP allows you to use older computers as thin clients extending the life of those computers. This seminar will introduce LTSP, an overview of the new features in LTSP-4, and through case studies, show how corporations have saved significant amounts of money by deploying Linux with LTSP compared with traditional PCs running Windows. This seminar is of benefit to system administrators, application developers and anyone interested in deploying Linux on the desktop.

Jim McQuillan, founder and project leader of the Linux Terminal Server Project (LTSP26).

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316 The Platform Debate: What You Need to Maximize Your IT Investment
TRACK: Executive Summit
SPEAKER: Alec Taylor

The industry landscape is changing and the debate is heating up around the best choice for a company's IT platform. Alec Taylor, senior manager, Platform Strategy for Microsoft Canada Co., will discuss what CIOs need to look for when making critical IT platform decisions and what the long-term impact that decision will have on a company's performance. Sharing his first-hand experiences from the field, Alec will focus on the five building blocks for a successful IT strategy.

Alec Taylor, senior manager, platform strategy for Microsoft Canada Co

317 The City of Calgary : Implementing Linux a Case Study
TRACK: Government
SPEAKER: Dan Ryan

Calgary is a fast growing, dynamic City of approximately one million people served by a municipal government of 11,000 employees that is stretched to its capacity. The City's IT Department is a key enabler for front line customer services and has several initiatives underway to drive efficiencies in core service delivery. One of the leading success stories in 2003 was the research and implementation of Linux. This case study will uncover business case drivers, proof of concept findings and quantify the dramatic change in their environment including key performance and financial results.

Dan Ryan, manager of Infrastructure and Desktop Management City of Calgary.

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REGISTRATION CONFIRMATION: Receive a fax and/or email confirming registration when processed. Register before April 5 and conference tickets & trade show badges will be sent regular mail. Registration received April 6- 12, will be held for pickup at the Metro Toronto Convention Centre, North Building- beginning April 13. After April 12, registration will be on-site. All conference fees must be paid for at the time of registration tickets will not be held without payment.

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(discount will be taken based on verification of code)

Corporate Discount -- see page 13

Association Discount -- see page 13

Registration is subject to registration guidelines

PLEASE ANSWER THE FOLLOWING QUESTIONS:

1. Job Function

- ❑ A. CIO
- ❑ B. CTO
- ❑ C. Database/Data Center Manager
- ❑ D. Information Centre Manage
- ❑ E. IT/MIS/IS Management
- ❑ F. Networking Director/System Manager

IT/COMPUTER SUPERVISORY

- ❑ G. Data Centre
- ❑ H. Internet/Web/Intranet Supervisory
- ❑ I. LAN/WAN
- ❑ J. Network/Systems Administrator
- ❑ K. Network/Systems Integrator
- ❑ L. Software Developer/Programmer/ Analyst
- ❑ M. Telecommunications

IT/COMPUTER STAFF

- ❑ N. Data Management
- ❑ O. Network Support
- ❑ P. R&D
- ❑ Q. Other IT Staff - must specify

_____

COMPANY MANAGEMENT

- ❑ R. CEO/Chairman/President/Partner
- ❑ S. CFO/Comptroller/VP Finance/ Managing Accountant
- ❑ T. Vice President/Managing Director
- ❑ U. Engineering Manager
- ❑ V. Product Manager
- ❑ W. Purchasing Manager
- ❑ X. R&D Manager
- ❑ Y. Sales Marketing Manager
- ❑ Z. Other Management - must specify

_____

INDUSTRY RELATED

- ❑ 1. Consultant
- ❑ 2. Educator
- ❑ 3. Human Resources
- ❑ 4. Legal
- ❑ 5. Policy, Program & Procurement
- ❑ 6. Quality Manager
- ❑ 7. Venture Capitalist
- ❑ 8. Other - must specify_____

2. Organization's Primary Business Activity

- ❑ A. Internet Service Provider /ASP
- ❑ B. Distributor / Wholesaler
- ❑ C. Computer Technology Manufacturing/OEM
- ❑ D. Software Development
- ❑ E. Systems Integrator
- ❑ F. VAR/VAD

NON COMPUTER RELATED

- ❑ G. Aerospace
- ❑ H. Agriculture/Mining/Construction
- ❑ I. Business Personal Services
- ❑ J. Education
- ❑ K. Financial/Banking/Insurance/ Real Estate
- ❑ L. Government/Military
- ❑ M. Health /Medical
- ❑ N. Hospitality
- ❑ O. Legal
- ❑ P. Library
- ❑ Q. Manufacturing/OEM
- ❑ R. Not for Profit Association /Union
- ❑ S. Printing
- ❑ T. Publishing
- ❑ U. Research
- ❑ V. Retail/Wholesale
- ❑ W. Telecommunications
- ❑ X. Transportation
- ❑ Y. Utilities

3. Software Tools And Applications (check all that apply)

- ❑ A. Animation/3D
- ❑ B. Business/spreadsheets, word processing, presentation
- ❑ C. Clusters
- ❑ D. CRM
- ❑ E. Data Management & Mining
- ❑ F. Desktop
- ❑ G. E-Commerce
- ❑ H. Education
- ❑ I. Embedded
- ❑ J. Email/Instant Messaging
- ❑ K. Engineering
- ❑ L. Entertainment
- ❑ M. Finance/Banking
- ❑ N. Networking
- ❑ O. Scientific
- ❑ P. Security/Virus
- ❑ Q. Server Software
- ❑ R. Storage/SAN/NAS/Backup
- ❑ S. Streaming Media/Content Delivery
- ❑ T. Telecommunications
- ❑ U. Traffic Management/Analysis
- ❑ V. Web Hosting/Web Dev. Tools
- ❑ W. Wireless/Mobile/Remote Access

4 Role In Purchasing

- ❑ A. Authorize
- ❑ B. Recommend
- ❑ C. Specify
- ❑ D. Review/Advise/Influence
- ❑ E. Not Involved

5A Approximate Number Of Employees In Entire Organization

- ❑ A. 1-50
- ❑ B. 51-250
- ❑ C. 251-1,000
- ❑ D. 1,001-5,000
- ❑ E. 5,001 - 10,000
- ❑ F. Over 10,000

5B Your Company IT/Budget?

- ❑ A. $0-25,000
- ❑ B. $25,001-50,000
- ❑ C. $50,001-100,000
- ❑ D. $100,001-500,000
- ❑ E. $500,001-1,000,000
- ❑ F. Over $1,000,000

6 The Computer Operating Systems You Use (check all that apply)

- ❑ Apple/Macintosh ❑ OS9x ❑ OS10x
- ❑ HP
- ❑ IBM
- ❑ Linux ❑ Red Hat ❑ SuSE ❑ Mandrake
- ❑ SCO ❑ Debian ❑ BSD ❑ Fedora
- ❑ Novell Netware
- ❑ SGI
- ❑ Sun
- ❑ Unix
- ❑ Windows 2000
- ❑ Windows NT 3.51 Server/NT 4.0 Server/2000 Server
- ❑ Windows XP Pro
- ❑ Other_____

7A I am Currently Using Linux On My: (check all that apply)

- ❑ A. Server
- ❑ B. Desktop
- ❑ C. Enterprise

7B When Are You Planning To Purchase Any Linux Products? (check one only)

- ❑ A. within 6 months
- ❑ B. 1 Year
- ❑ C. 2 years
- ❑ D. I am undecided about employing Linux at this time.

8 I Am Interested In Finding Out More About Linux For (check all that apply)

- ❑ A. Server
- ❑ B. Desktop
- ❑ C. Enterprise

9 I Use The Following Desktop Software (check all that apply)

- ❑ A. StarOffice
- ❑ B. Crossover Office
- ❑ C. OpenOffice
- ❑ D. Ximian
- ❑ E. Lindows
- ❑ F. KDE
- ❑ G. Hancom Office
- ❑ H. Other:_____

10 Housing

- ❑ A. Live locally
- ❑ B. Used my own travel agency
- ❑ C. Used official agent
- ❑ D. Booked my own
- ❑ E. Will stay with friends/family
- ❑ F. Undecided

11 How Did You Hear About This Event?

(enter code found on your mailing, ad or exhibitor invitation or select from the following: Associate, Search Engine, Web site, Calendar Listing)

Code:_____

FEE SCHEDULE (All conference sessions include: trade show, reception/refreshments, keynotes, visionaries, & BOFS)

	Early Bird (Until Feb 28)	Advanced (Until April 12)	On Site
❑ **SUPER PASS - Best Buy Save up to $1160.00** (includes tutorials/workshops and proceedings - select) Select AM Tutorial: ❑ T-1 ❑ T-2 ❑ T-3 ❑ T-4 Select PM Tutorial: ❑ T-5 ❑ T-6 ❑ W-7 ❑ T-8	$899	$1025	$1125
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❑ **2 TUTORIAL** Select #2: ❑ T-1 ❑ T-2 ❑ T-3 ❑ T-4 ❑ T-5 ❑ T-6 ❑ T-8	$349	$400	$450
❑ **TUTORIAL/WORKSHOP** - *Linux Installation & Configuration* Apr. 13 (hands-on, limit of 15, register by Apr. 11)	$299	$350	$375
PACKAGES - Select from the seminars, pages 9-12			
❑ VIP 6 (attend any 4 seminars)	$599	$675	$725
❑ VIP 4 (attend any 6 seminars)	$499	$575	$625
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❑ ES 8 (attend any 8)	$699	$775	$825
❑ ES 4 (attend any 4)	$499	$575	$625
❑ **SINGLE SEMINARS**	$125	$135	$145
❑ **PROCEEDINGS** Only	$200	$225	$250
❑ **TRADE SHOW** Only - includes keynotes, reception, BOF's	FREE	FREE	$50

BONUS: (for Conference registerants only) ❑ Yes! I want to take the LPI 101 and/or 201 examination, administration fee $25 each.

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Supporting Associations

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