

MASTER SCHEDULE - FRIDAY

	Noon-1:00	1:15-2:15	2:30-3:30	3:45-4:45	5:00-6:00	6:00-8:00	8:00-Until
Fedora Ballroom A (Name subject to change)	Jared Smith C,D	Chuck Payne D	Thomas Stover D	Paul Frields D	Leslie Hawthorn C,N	Empty	Empty
Fedora Ballroom B (Name subject to change)	Build An Open Source Cloud Day (Starts 9AM)					Empty	Empty
Fedora Ballroom C (Name subject to change)	Not In Use					Empty	Empty
CESM Ballroom	Not In Use					Empty	Empty
Google Ballroom	Not In Use					Empty	Empty
Linode Ballroom	Not In Use					Empty	Empty
Ubuntu Room (Name subject to change)	UbuCon					Empty	Empty
RedHat Room	BoF	BoF	BoF	BoF	BoF	Empty	Empty
Rackspace Room	BoF	BoF	BoF	BoF	BoF	Empty	Empty
Cloud.com Room	BoF	BoF	BoF	BoF	BoF	Empty	Empty
HP Room	BoF	BoF	BoF	BoF	BoF	Empty	Empty
Slackware Room (Name subject to change)	BoF	BoF	BoF	BoF	BoF	Empty	Empty
Drupal Room (Name subject to change)	BoF	BoF	BoF	BoF	BoF	Empty	Empty
Cedar Springs	Registration / Command Post (Starts 9AM)					LOCKED	LOCKED
Musgrove Mill	Private Speaker/Staff Hospitality (Starts 9AM)					LOCKED	LOCKED
299 Bar	"Not In Use"						Pre-Party
Wadsworth Croft	Not In Use					Private Speaker Dinner	
Expo Floor	Not In Use						

Speaker Key:

C - Community D - Development E - Education N - Novice S - Sys Admin T - Desktop

MASTER SCHEDULE - SATURDAY - PART 1

	9:00-10:00	10:15-11:15	11:30-12:30	12:30-1:30	1:30-2:30
Fedora Ballroom A (Name subject to change)	Maddog (Keynote) C,E,N,S	Garrett Honeycutt S	Keith Bergelt C	Lunch	Gerald Carter D,S
Fedora Ballroom B (Name subject to change)					
Fedora Ballroom C (Name subject to change)		Bryan Johns D,S	Thomas Cameron S		Nick Owen S
CESM Ballroom					
Google Ballroom		Icculus C,D,E,N,S			Dru Lavigne C,N
Linode Ballroom		Montario Fletcher N	Jeff Casimir D		
Ubuntu Room (Name subject to change)	Empty	Joel Izlar C	Tyler McAdams T	Dann Washko N,S,T	
RedHat Room	BoF	BoF	BoF	BoF	BoF
Rackspace Room	BoF	BoF	BoF	BoF	BoF
Cloud.com Room	BoF	BoF	BoF	BoF	BoF
HP Room	LANville LAN Party (Times TBD)				
Slackware Room (Name subject to change)	BoF	BoF	BoF	BoF	BoF
Drupal Room (Name subject to change)	BoF	BoF	BoF	BoF	BoF
Cedar Springs	Registration / Command Post				
Musgrove Mill	Private Speaker/Staff Hospitality				
299 Bar	"Not In Use"				
Wadsworth Croft	Not In Use				
Expo Floor	Open				

MASTER SCHEDULE - SATURDAY - PART 2

	2:45-3:45	4:00-5:00	5:15-6:15	6:30-7:30	9:00-Until
Fedora Ballroom A (Name subject to change)	Russel Bryant S	Robert Blackwell D	Tarus Balog C	Tom Callaway (Keynote) C,D,E,S,T	Not In Use
Fedora Ballroom B (Name subject to change)					Not In Use
Fedora Ballroom C (Name subject to change)					Not In Use
CESM Ballroom	Heather Holl E	Kris Moore N,T	Ruth Suehle C,D,E,N,S		Not In Use
Google Ballroom	James Simmons D,T	Alan Hicks S	Richard Hipp D,S		Not In Use
Linode Ballroom	Max Spevack E	Klaatu D,T	Vincent Batts N,S,T		Not In Use
Ubuntu Room (Name subject to change)	Russ Woodman S,T	Deb Nicholson C	Dan Good D,S	Not In Use	
RedHat Room	BoF	BoF	BoF	BoF	Not In Use
Rackspace Room	BoF	BoF	BoF	BoF	Not In Use
Cloud.com Room	BoF	BoF	BoF	BoF	Not In Use
HP Room	LANville LAN Party (Times TBD)			BoF	Not In Use
Slackware Room (Name subject to change)	BoF	BoF	BoF	BoF	Not In Use
Drupal Room (Name subject to change)	BoF	BoF	BoF	BoF	Not In Use
Cedar Springs	Registration / Command Post			LOCKED	
Musgrove Mill	Private Speaker/Staff Hospitality			LOCKED	
299 Bar	"Not In Use"				Party
Wadsworth Croft	Not In Use				
Expo Floor	Open Until 5:00 PM				

MASTER SCHEDULE - SUNDAY - PART 1

	9:00-10:00	10:15-11:15	11:30-12:30	12:30-1:30	1:30-2:30
Fedora Ballroom A (Name subject to change)	DrupalCamp Track 1			Lunch Raffle and lunch held in merged CESM Ballroom with rounds of 8, and Linode Ballroom classroom.	DC Track 1
Fedora Ballroom B (Name subject to change)	DrupalCamp Track 2				DC Track 2
Fedora Ballroom C (Name subject to change)	DrupalCamp Track 3				DC Track 3
CESM Ballroom	Not In Use	Not In Use	Not In Use		Not In Use
Google Ballroom	Nathaniel McCallum D	Seth Chisamore D,S	Arun Gupta D		Andrew Psaltis D
Linode Ballroom	PuppetLabs Training				PuppetLabs Training
Ubuntu Room (Name subject to change)	UbuCon			UbuCon	
RedHat Room	BoF	BoF	BoF	BoF	BoF
Rackspace Room	BoF	BoF	BoF	BoF	BoF
Cloud.com Room	BoF	BoF	BoF	BoF	BoF
HP Room	BoF	BoF	BoF	BoF	BoF
Slackware Room (Name subject to change)	BoF	BoF	BoF	BoF	BoF
Drupal Room (Name subject to change)	BoF	BSDA (11:00-1:00)			LPI (1:00-3:00)
Cedar Springs	Registration / Command Post				
Musgrove Mill	Private Speaker/Staff Hospitality				
299 Bar	"Not In Use"				
Wadsworth Croft	Not In Use				
Expo Floor	Open				

MASTER SCHEDULE - SUNDAY - PART 2

	2:45-3:45	4:00-5:00
Fedora Ballroom A (Name subject to change)	DrupalCamp Track 1	
Fedora Ballroom B (Name subject to change)	DrupalCamp Track 2	
Fedora Ballroom C (Name subject to change)	DrupalCamp Track 3	
CESM Ballroom	Not In Use	Not In Use
Google Ballroom	Kelly West C,N,T	Steven King S
Linode Ballroom	Puppet Labs Training	
Ubuntu Room (Name subject to change)	UbuCon	
RedHat Room	BoF	BoF
Rackspace Room	BoF	BoF
Cloud.com Room	BoF	BoF
HP Room	BoF	BoF
Slackware Room (Name subject to change)	BoF	BoF
Drupal Room (Name subject to change)	LPI (1:00-3:00)	BoF
Cedar Springs	Registration / Command Post	
Musgrove Mill	Private Speaker/Staff Hospitality	
299 Bar	"Not In Use"	
Wadsworth Croft	Not In Use	
Expo Floor	Open Until 3:00	Not In Use

Speakers (Chronological Order)

Jared Smith - Swimming Upstream: How Distributions Help Open Source Communities

Talk Description: I plan on discussing the roles that Linux distributions play in the software development lifecycle, and how distributions help open source communities.

Bio: Jared Smith is the Fedora Project Leader. He has over a decade of experience in systems administration, voice over IP, web development, and relational databases. He prefers vim over emacs and lives in Virginia with his wife and two children.

Chuck Payne - Application Development Is Just A Cloud Away

Talk Description: How SUSE Studio gives developer the tools to create, test and deploy applications, without buying equipment, software, or paying for time in the cloud.

Bio: Chuck "PUP" Payne, an Ambassador for openSUSE, is also part of the Marketing team. He has several articles published on openSUSE, the community, and what is new in the distro. He works full time for a startup called Vocalocity in Atlanta, GA. He has been using SUSE since the late 90's starting out with 5.3.

Thomas Stover - Leveraging Real Software To Interface With Real Hardware via PLCs

Talk Description: Engineers, research scientists, hardware hackers, and home automation enthusiasts will commonly use PLCs (programmable logic controllers) to interface sensors, relays, motors, lab experiments, plant automation, and field data acquisition to computer systems. Classically, such products require licensed closed source software, and generally windows operating systems. Thomas will discuss and demonstrate with live hardware his LAD Tools project (www.thomastover.com/ladtools), which was recently made public, that allows Linux-like systems to talk directly to one relatively hackable brand of PLC hardware (Automation Direct). He will show, for example, how a C program or scripting language can be made to control something like a sprinkler system or lab experiment. Other points of discussion will include: how PLC technology compares and relates to other areas like FPGAs and PC DAQ peripherals, the security of industrial control systems and current events such as the stuxnet worm, and the advantages of open source tools in systems that must be maintained on a very long term basis.

Bio: Thomas Stover has worked as independent software engineering consultant for the last nine years, with a focus on open source technologies. He has spent much of the last 6 years in the industrial automation and SCADA problem domain. In particular, rebuilding and maintaining a large scale cellular backhauled hydro and meteorological monitoring network with embedded Linux systems. He is currently trying to evangelize his fascination with penetrating the ultra-proprietary industrial control systems space with open source tools and ideas.

Paul W. Frields - Graduating to GUI: PyGTK for Beginners

Talk Description: Graduating to GUI: PyGObject for Beginners Talk Description: PyGObject, the successor to PyGTK, is a toolkit that allows you to build powerful graphical applications using Python. If you know a little Python or scripting of any kind, but you're having trouble making the final leap into GUI goodness, this talk will bridge the gap for you. We'll also cover a little about what's changed from PyGTK -> PyGObject and what it means to fledgling programmers.

Bio: Paul W. Frields has been a Linux user and enthusiast since 1997, and joined the Fedora Project in 2003, shortly after launch. He was a founding member of the Fedora Project Board, and has worked on documentation, website publishing, advocacy, toolchain development, and maintaining software. He joined Red Hat as Fedora Project Leader from February 2008 to July 2010, and remains with Red Hat as an operations manager. He currently lives with his wife and two children in Virginia.

Leslie Hawthorn - Humanitarian FOSS: Saving the World One Bit at a Time

Talk Description: Humanitarian FOSS development positively impacts the lives of many who are most in need: victims of natural disasters, individuals living in poverty in need of medical care and social justice activists working under oppressive regimes. In this talk, Leslie Hawthorn will explore the world of Humanitarian FOSS, including which projects the audience may wish to contribute to in their quest to make the world a better place.

Bio: An internationally known Open Source advocate, Leslie Hawthorn brings more than 10 years experience in high tech project management, marketing and public relations to her role as Open Source Outreach Manager at Oregon State University's Open Source Lab. Most recently, she has been honored with the 2010 OSCON Open Source Award and the 2010 National Center for Open Source in Education Award. She also serves as an advisor to the Humanitarian FOSS Project and on the Editorial Board for the Open Source Business Resource. Leslie previously worked as a Program Manager for Google's Open Source Programs Office, where she was responsible for the company's FOSS outreach efforts, most notably the Google Summer of Code program and Google Highly Open Participation contest (now known Google Code-in). You can follow her adventures on identi.ca (@lh) or Twitter (@lhawthorn) or read her personal blog at <http://hawthornlandings.org>

Jon "Maddog" Hall - Free Software and the Creation of Jobs

Talk Description: Thirty years ago the creation of software changed from a high-tech service industry to a high-tech product industry. Closed source software allowed people to manufacture software cheaply, but removed the ability to easily change and build upon that software in the local economy. This talk will discuss the use of FOSS in building high-tech jobs in the local economy.

Bio: Jon Hall is the Executive Director of Linux International (www.li.org), an association of computer users who wish to support and promote the Linux Operating System. During his career in commercial computing which started in 1969, Mr. Hall has been a programmer, systems designer, systems administrator, product manager, technical marketing manager, author and educator. He has worked for such companies as Western Electric Corporation, Aetna Life and Casualty, Bell Laboratories, Digital Equipment Corporation, VA Linux Systems, and SGI. He currently works as an independent consultant, and is currently involved with bringing environmentally

friendly computing to emerging marketplaces. Mr Hall has worked on many systems, both proprietary and open, having concentrated on Unix systems since 1980 and Linux systems since 1994, when he first met Linus Torvalds and correctly recognized the commercial importance of Linux and Free and Open Source Software. He has taught at Hartford State Technical College, Merrimack College and Daniel Webster College. Mr. Hall is the author of numerous magazine and newspaper articles, many presentations and one book, "Linux for Dummies". Mr. Hall has consulted with the governments of China, Malaysia and Brazil, as well as the United Nations and many local and state governments on the use of Free and Open Source Software. Mr. Hall serves on the boards of several companies, and several non-profit organizations. Mr. Hall has traveled the world speaking on the benefits of Open Source Software, and received his BS in Commerce and Engineering from Drexel University, and his MSCS from RPI in Troy, New York.

Garrett Honeycutt - Introduction to Puppet

Talk Description: Gone are the days of administering by SSH'ing to machines and running commands. Consistency and scale dictate a programmatic approach to administration. This talk will be explaining how Puppet works and discussing best practices. While the focus will be using Puppet, the discussion also includes general configuration management and change management practices. Questions this talk will cover include: Why configuration management? How does Puppet work? What does the code look like? What are the best practices for scale? How should i structure my VCS? How to handle dev environments? Where does Puppet fit into your infrastructure?

Bio: Garrett Honeycutt has been hacking *nix based systems and spreading the merits of open source software for over ten years. He began using Puppet in 2007 while building out a national carrier grade VoIP system. Previously he has worked on such things as building core internet infrastructure for an ISP and creating mobile media distribution platforms.

Bryan M. Johns - Asterisk SCF: The Future of Open Source Communications

Talk Description: In the Fall of 2010, Digium announced a new open source project called Asterisk Scalable Communications Framework (Asterisk SCF). Asterisk SCF was conceived to address four critical limitations of the existing Asterisk project: performance, scalability, fault tolerance and extensibility. This session will cover the plans for Asterisk SCF 1.0, its proposed feature-set and its potential uses in the communications marketplace.

Bio: Bryan has spent nearly 20 years in and around the businesses of technology and telecommunications. Mr. Johns has started, grown and sold a handful of web application development and VoIP technology businesses and he has found a home in the disruptive world of open standards and open source telecommunications platforms. In his role as Community Director for Digium (ground zero for the Asterisk and AsteriskSCF open source communications projects) Bryan works globally to foster growth and adoption of these technologies amongst developers, partners and commercial entities. Bryan acts as an evangelist-at-large for open source telecommunications.

Ryan "Icculus" Gordon - Anatomy of a Success

Talk Description: Last year, I gave a controversial talk about technically interesting projects that failed due to social and political motivations. This year, I would like to look at the topic with a different perspective: controversial projects that obsoleted the status quo, and how they successfully navigated through the community process to change fundamental pieces of the modern Linux distribution. Case studies will be presented on several developers. Take aways from the talk will be how to contribute better to the free software ecosystem, and how to enact positive changes to decades of tradition.

Bio: Ryan C. Gordon is a software developer that has been bringing blockbuster video games to Linux players for over a decade. He is deeply invested in building a better Linux experience, and provides free hosting for open source developers at icculus.org.

Montario Fletcher - Migrating from Windows to Linux: One Year Later

Talk Description: Ever want to try Linux, but were uncertain whether Linux would work for you? This talk will address common concerns of potential Linux users and how Linux can address those concerns. I will talk about my experience in migrating my entire home from Windows to Linux and lessons learned. Some of the subtopics will include preparation, going through the install procedure, using the Linux system on a daily basis, and ways to find help from the Linux community.

Bio: Montario Fletcher is currently a Software Developer with IHS. He was first introduced to Linux since enrolling at Mercer in 2000. Currently, he assists with testing bugs for upcoming Ubuntu releases. His favorite distro is Linux Mint. As a member of the Middle Georgia Linux Users Group, he enjoys talking about the new advancements of Linux, helping new users master Linux, and learning more about Linux himself.

Joel Izlar - Digital Justice: How Technology and Free Software Can Help Close the Digital Divide

Talk Description: This talk will discuss the issues of the digital divide within the context of social justice. It will also examine how free software and open technology can help empower individuals and alleviate social strain as well as isolation.

Bio: Joel Izlar is a graduate student at the University of Georgia's School of Social Work focusing on community empowerment and program development. He is active in the Athens, Georgia based non-profit Free IT Athens, where the aim is to connect individuals and non-profits to technology based around free software.

Keith Bergelt - Case Study: Crowd Sourcing Effectively Protecting the Open Source Community

Talk Description: Patents and the patentability of software has been a topic of much debate by Linux developers, distributors and users since the advent of the open source movement. While the debate rages the fact is that software patents exist and in the hands of patent aggressors and antagonists to Linux and open source. As such, the community needs to leverage its common commitment to innovation through open collaboration to participate in a process of ensuring that the future threats to Linux and open source posed by largely poor quality patents are neutralized. If not, we run the risk of having to relive the patent conflicts of today out into the future.

In late December of 2008, Open Invention Network, formed by IBM, NEC, Novell, Phillips, Red Hat and Sony, in order to protect Linux from IP and patent aggressors, launched the Linux Defenders Program. Linux Defenders is a crowd sourcing initiative designed to make prior art more readily accessible to patent examiners, increase the quality of granted patents and reduce the number of poor quality patents that issue-removing the weapons that patent trolls and corporate antagonists whose behaviors and business models are antagonistic to Linux and open source and antithetical to innovation.

Keith Bergelt will discuss the successes -the collection and cataloguing of donated or discovered critical prior art. He will also discuss the ways that the intellectual property has helped combat patent aggressors targeting the Linux community -demonstrating that crowd sourcing has helped protect Linux.

Bio: Keith Bergelt is the CEO of Open Invention Network (OIN), the collaborative enterprise that enables innovation in open source and an increasingly vibrant ecosystem around Linux. Prior to OIN, Mr. Bergelt was CEO of two hedge funds formed to unlock the considerable value of intellectual property through IP-based lending.

Thomas Cameron - SELinux for Mere Mortals

Talk Description: While SELinux (Security-Enhanced Linux) is an incredibly powerful tool for securing Linux servers, it has historically had a reputation for being difficult to configure. This reputation caused many system administrators to simply turn it off. Fortunately, the incredible amount of work done by the SELinux community in recent years has made SELinux much more system administrator-friendly. In this session, Thomas Cameron will demonstrate the basics of SELinux, which include configuring, analyzing, and correcting SELinux errors, as well writing basic policies to enable non-SELinux aware applications to work on SELinux protected systems. Thomas will also highlight real world examples to better demonstrate how to use SELinux.

Bio: Thomas Cameron is the managing solutions architect for the central US at Red Hat. He has been in the information technology industry since 1993, and has held certifications as a Novell Certified NetWare Engineer, a Microsoft Certified Systems Engineer and Microsoft Certified Trainer. Thomas is currently a Red Hat Certified Architect (RHCA), a Red Hat Certified Security Specialist (RHCSS), a Red Hat Certified Datacenter Specialist (RHCD), a Red Hat Certified Virtualization Administrator (RHCVA) and a Red Hat Certified Examiner (RHCE). Thomas sits on the systems management subject matter expert team at Red Hat.

Greg DeKoenigsberg - What Education Can (And Can't) Learn From Open Source

Talk Description: The world of education is trying to learn a number of lessons from the world of open source. As it turns out, some of these lessons are more easily transferable than others. How does open source software drive innovation, and what opportunities exist for innovation in education, where it's so desperately needed?

Bio: Greg DeKoenigsberg is the Chief Technology Officer for ISKME, where he oversees the development of OER Commons, a platform for sharing open educational resources. He was previously Senior Community Architect for Red Hat. He is a former chairman of the Fedora Project, an open source software development community with thousands of volunteer contributors. He has served on the advisory boards of several open source advocacy organizations, writes about open source issues, and speaks at open source events worldwide.

C. Tyler McAdams - The LinuxDNA Kernel Project: Increasing System Performance

Talk Description: A talk about the LinuxDNA project and further unlocking the performance of the Linux kernel thanks to the freedom of open source.

Bio: Born and raised in Raleigh, NC and now resident in Atlanta, GA. Interested in art, tennis, golf, table tennis and technology. Enjoys culture, history and debate. Grew up wanting to work at IBM and got that chance in 2000. Constantly learning new technologies to stay sharp in the IT industry. Project Founder and Project Architect of LinuxDNA, a high performance Linux kernel source that can be compiled with the Intel ICC compiler.

Gerald Carter - Likewise Open - A Platform for Cross Platform

Talk Description: The Likewise Open project was launched by Likewise Software in December, 2007, as an effort to provide a Windows compatible distributed system platform for developers and administrators alike struggling to bridge the gap between Windows and Unix/Linux/OS X clients and servers. The first introduction to Likewise Open for many users is through either the Identity services which allow non-Microsoft hosts to easily join an Active Directory domain with only a single step or through the Likewise CIFS server embedded by several storage vendors. This session will present the underlying development environment available to open source programmers for building other services upon the same stable interoperable Likewise platform.

Attendees will learn:

- * The specifics of the Likewise Open Identity and Storage architecture
- * How to include integrated Kerberos/NTLM/NTLMv2 authentication in Unix/Linux/OS X applications
- * How to build client utilities that can query and manage remote Microsoft services
- * How to programmatic centrally manage application settings in the Likewise registry
- * How to leverage concurrent membership in multiple disparate AD domains
- * How to customize, deploy, and manage the Likewise CIFS file storage services

Bio: As a Director of Engineering at Likewise Software, Gerald Carter is responsible for platform strategy and architecture including the Likewise Open open source initiative to simplify integration into Microsoft dominated networks for both network administrators and application developers. He has been developing, writing about, and teaching on Open Source since the late 90's at events such as LISA, LinuxWorld Expo, SANE, SambaXP, OSCON, and the SNIA SDC. He was a member of the Samba core development team from 1998 - 2009 and has authored both "LDAP System Administration" and the third edition of "Using Samba" and for O'Reilly Publishing. He has held previous positions at HP and VA Linux systems and previously served on the Usenix Association's Board of Directors.

Jeff Casimir - Getting Started with Ruby on Rails 3

Talk Description: Ruby on Rails has been in the vanguard of web technologies for six years and now, with Rails 3, we're pushing it further. In this session you'll learn about the features that make Rails amazing, especially emphasizing those new to Rails 3.

Bio: Jeff Casimir taught middle school and high school computer science before starting Jumpstart Lab in 2009.

Since then he has worked with dozens of companies and hundreds of individuals to develop their web application skills using technologies like Ruby, Rails, and jQuery.

Dru Lavigne - How Can I Contribute to Open Source?

Talk Description: This presentation discusses how non-developers can become active contributors within an open source project. We'll discuss why one would want to do so and provide suggestions on what to contribute and how to get started. We'll also discuss how projects can encourage non-code contributions and reduce the entry barrier for new contributors.

Bio: As Director of Community Development for the PC-BSD Project, she leads the documentation team, assists new users, helps to find and fix bugs, and reaches out to the community to discover their needs. She is the former Managing Editor of the Open Source Business Resource, a free monthly publication covering open source and the commercialization of open source assets. She is founder and current Chair of the BSD Certification Group Inc., a non-profit organization with a mission to create the standard for certifying BSD system administrators, and serves on the Board of the FreeBSD Foundation.

Nick Owen - Opensource Remote Access, Policy And Products To Keep You Safe

Talk Description: Similar to my talk last year, I will cover open source remote access products and the best policies/strategies to keep your network secure. It will be updated with some new products.

Bio: Nick Owen is the CEO & Co-founder WiKID Systems, Inc. WiKID has developed the WiKID Strong Authentication System, a dual-sourced, software-based strong authentication system. WiKID is Nick's 4th start-up.

Daniel S. Washko - Learning Linux With Linux From Scratch

Talk Description: This talk will introduce Linux from scratch and discuss how it can be used to learn Linux from the ground up. I will do an overview of different methods of learning Linux and how LFS really excels as one of the best learning options. This will be followed with how to begin and LFS project using a virtual machine and progress with an overview of the process, what to expect, and where to get help.

Bio: Daniel Scott Washko is currently employed by Resite Online as Manager of Web Services. He's been running Linux for over 12 years now. He's a cohost of The Linux Link Tech Show, Kernel Panic Oggcast and Linux in da House. His whole family runs and loves Linux.

Russell Bryant - Asterisk Hacks: Things You Didn't Know a Telephone System Could Do

Talk Description: This talk will go through some interesting features and use cases of Asterisk that are outside of what you would assume to be available in a traditional PBX.

Bio: Russell is the Engineering Manager for the Open Source Software team at Digium, Inc. He has been a core member of the Asterisk development team since the Fall of 2004. At the first AstriCon in 2004, he was named the

release maintainer for Asterisk's first major release series, Asterisk 1.0. He has since contributed to almost all areas of Asterisk development, from project management to core architectural design and development. Russell received a bachelor's degree in Computer Engineering from Clemson University in the Fall of 2006. He is currently working on a master's degree in Software Engineering at the University of Alabama in Huntsville.

Heather Holl - An Introduction to Bioinformatics: FOSS and Linux With a Side of Genetics

Talk Description: Bioinformatics is a fast-growing field that encompasses the use of computational resources to aid molecular biology. While historically researchers have focused on a gene at a time with minimal computational needs, modern high-throughput data often requires cutting edge systems and algorithms to manage. Unlike the "first generation" DNA sequencing analysis tools, most current software is open source and under constant development. This talk would give a brief introduction to DNA sequencing, describing the type of data produced and how this data is analyzed (and how Linux can be extremely helpful when using multiple programs on one dataset). Recent improvements in sequencing technology in terms of the amount and speed of data production would be used to illustrate the need for powerful systems and constant software development. The timeline of popular analysis tools will be reviewed to show the shift from commercial softwares (in the first generation data analysis) to mostly open source projects.

Bio: Heather Holl is a PhD student in the Department of Animal Science at Cornell University. Her research focuses the use of molecular genetics and bioinformatics to aid in the health of the horse. She has been using Linux as a hobby since 2004 and in her research since 2009. She is an active member of the Slackware Linux community, using the distribution of both her personal computers and for her research.

James Simmons - Implementation of KMS and GEM/TTM

Talk Description: The goal of this talk is to provide the information to create a modern kernel side graphics driver as well as describe how to make use of the most basic level userland apis.

Bio: James Simmons is currently a software engineer at ORNL working on the lustre file system that runs on the supercomputers. I have worked for various companies in the embedded space as well as consumer electronic. My work experience involves programming on devices ranging from simple PDAs to working on cray super computers. I have been involved in linux kernel development since 1999. From 1999 to 2004 I was the kernel maintainer for the frame buffer layer. I also was active in the early input api work. In the last year I have become active in the work of the new KMS apis in the DRI layer. Currently I'm a active developer for the Unichrome xorg/drm driver.

Max Spevack - Teaching Open Source in colleges and universities

Talk Description: Close to 100,000 computer-related degrees are awarded each year in the USA. How many of those students are beginning their careers with any experience working in real projects, or in open source best practices? How do we grow that number? This talk discusses the intersection of the open source way and educators and educational institutions, including the growth of the Teaching Open Source community and the Professors' Open Source Summer Experience program.

Bio: Max leads Red Hat's global Community Architecture team. The team's mission is to lead, and to grow the capacity for leadership, in communities that are strategic to Red Hat's business and brand, with a focus on articulating and the implementing The Open Source Way.

Russ "K5TUX" Woodman - The Zen of FreeNAS

Talk Description: This talk will discuss all the benefits of using FreeNAS, the BSD operating system, for backups, live storage, file serving and how to tweak it for gnarly virtual machine environments.

Bio: Russ Woodman has been a systems administrator since 1985. Originally working with Apples and PCs with Novell Netware, he migrated to BSD UNIX and SCO UnixWare and then to free software administration with Linux, OpenBSD and NetBSD. He currently works as a systems administrator for a telephone company and Internet service provider and has been in that position for almost eleven years. Also of interest to Russ is amateur "ham" radio. As an advocate of open hardware as well as software, he has teamed up with another co-host to produce the Linux in the Ham Shack podcast. He also produces the QSK Netcast in his spare time, promotes local independent musicians and Creative Commons music and has been a guest on several popular technology related podcasts in the last few years.

Robert Blackwell - Communicating with Perl and Arduino

Talk Description: This talk will get you going using Arduino, an open-source electronics prototyping platform. You will learn the "Hello, World" blinking LED sketch. From this basic sketch I will expand to show you how to begin communicating with the Arduino and Perl. You will learn how to take input from the outside world to control events in your Perl programs. You will learn how to control the outside world using Perl. These basic skills will open up your I/O world and you will use Perl to glue it together of course. More information about Arduino can be found here, <http://www.arduino.cc/>.

Bio: Pittsburgh parent and perl programmer active in the open source and political scene.

Kris Moore - Introduction to PC-BSD

Talk Description: We will take a look at what PC-BSD is, how it relates to FreeBSD / Linux and areas in which it differs. The unique PBI package management system will be discussed, as well as a sneak preview of the upcoming PC-BSD 9.0.

Bio: Kris Moore is the founder, and lead developer of the PC-BSD desktop operating system and PBI package management format. He lives in the Knoxville Tennessee area.

Alan Hicks - Heartbeat : A Pacemaker for Systems with High Cholesterol

Talk Description: Using tools from Linux-HA (Heartbeat) and related projects to add real-time fail-over options for your network.

Bio: Slackware user since 2001. Editor-in-chief of Slackware Linux Essential v2.0. Member of the slackbuilds.org project, providing robust build scripts for Slackware systems.

Klaatu - The Auteur Video Editor

Talk Description: Linux video editing has historically been difficult. There are apps that can do it, but few do it well, fewer do it reliably, and none are terribly robust or stable, and none quite have the workflow down. On the other hand, video playback on Linux is second to none. Most Linux users who have only a passing understanding of video codecs can play nearly any video given to them. Now, here's the little secret that video editors know and Linux programmers don't: Video editing is nothing but playing video. The answer, then, is to develop a video editor that can play video and track all edit decisions. Editing by numbers. As of this year, this very concept has finally been implemented.

Bio: Klaatu is a multimedia artist, podcaster, maintainer of slackermedia.info and three or four related SlackBuilds, and the author of articles for Linux Journal, Linux Identity, and online magazines.

Deb Nicholson - Community Organizing for Free Software Activists

Talk Description: I'll cover why community organizing is critical for the free software movement and then going over some of the tactics activists and project managers can use to improve recruitment, retention and leadership development within their projects.

Bio: Deb is the principal founder of the Women's Caucus and a freelance community organizer based in Boston, Massachusetts. She spends her time promoting free software and exploring the intersection of technology and social justice.

Tarus Balog - Tastes Great or Less Filling? Marketing an Open Source Business

Talk Description: One of the most popular questions about running a business based on open source software is "how do I market my business?" Many technical people view marketing with distain, and since technical people tend to be the ones who start open source businesses, marketing can be a mystery. This talk will relate some of the experiences of the speaker in marketing his own open source company, and will include some surprises on what he has discovered about the target market for services around open source software.

Bio: Tarus Balog has been involved in managing communications networks professionally since 1988, and unprofessionally since 1978 when he got his first computer - a TRS-80 from Radio Shack. Having worked as a network management consultant for many years, he was constantly frustrated in the lack of flexibility involved in commercial solutions such as OpenView and Tivoli, as well as shocked by their high prices. Looking for a better solution, he turned to open source and joined the OpenNMS project in 2001 and became the principal administrator of the project in 2002. Since then he has managed not only to make a living working with free software, but the OpenNMS Group, the services company behind the project, has thrived, and currently has over 150 customers in 24 countries.

Ruth Suehle - Open Source Beyond The Development Model

Talk Description: Opensource.com is a place to talk about how the open source way works beyond software development. How principles like collaboration, transparency, and meritocracy are changing the world in business, education, governments, and more.

Bio: Ruth Suehle is a writer and editor in Brand Communications + Design at Red Hat. Previously an editor for Red Hat Magazine, Ruth now leads discussions about the open source way at opensource.com. She is also a costumer, cake decorator, general maker, blogger for Wired's GeekMom, and tries to work open source into all of them. You can find her on Twitter and identi.ca as @suehle.

Richard Hipp - Fossilize Your Code

Talk Description: Fossil is a DVCS similar to Monotone, Git, Hg, and Bzr but with some interesting new features such as a built-in bug tracking, wiki, and blogging and a tightly integrated web interface. Fossil was originally written for SQLite, but is now being adopted by a wide range of other projects. This talk describes Fossil with emphasis on comparisons to CVS, Git, and Hg.

Bio: Richard Hipp is the creator and architect of the SQLite database engine, the most widely deployed SQL database engine in the world. His company, Hwaci, employees a small team of developers who provide support services for SQLite to companies around the world.

Vincent Batts - Slackware Demystified

Talk Description: From configuration, to packages, to communities, what does it mean? A Slack by any other name, would still be as simple. We will walk through a selection of areas that many find frustration in.

- * Configuration
- * Services
- * "messaging up" and its recovery
- * Package run down
- ** Monolithic vs. As needed
- ** What are they?
- ** Stock and dependencies
- ** Where do I find supplements for my interests?
- ** How do I make them?
- * Where do I find the communities to find help and HowTos

Bio: Vincent Batts is a developer on the core Slackware Linux team and a software developer for Akamai Technologies. He is an open source advocate in both the commercial arena as well as the community, and a mindful geek.

Dan Good - Advanced Regular Expression Practice

Talk Description: Regular expressions are useful in almost every aspect of the Linux world, from shell scripts, to apache config files, from editors to most high level programming languages. As useful and universal as regular expressions are, there are woefully few resources available to improve one's proficiency. This talk will demonstrate several real world parsing problems, and the step-by-step construction of regular expressions to solve them, building up advanced and powerful regular expressions.

Bio: For the last 20 years, Dan has worked in the Unix and Linux world, ranging from system administration to kernel module programming. His background spans higher education, web hosting, social media, and network security. For the last six years Dan has worked on high-performance Linux-based network intrusion prevention appliances.

Tom Callaway - This Is Why You FAIL

Talk Description: Learn how to make your open source project more successful. In my experience with Fedora and Red Hat, I have noticed that there are several mistakes that open source projects make which prevent them from reaching their full potential (or at the very least, making them massively painful to deal with). After spending time pulling my hair out with one codebase, I wrote a blog post called "How to tell if a FLOSS project is doomed to FAIL", which ended up being a chapter in "The Open Source Way". In this presentation, I'll go into details on how to minimize FAIL in your project.

Bio: Tom Callaway, aka "spot", has been involved with Free Software since 1997, and has been employed by Red Hat since 2000. He is currently the Fedora Engineering Manager, as well as an elected member of the Fedora Board and the chairperson of the Fedora Packaging Committee. He is also the maintainer of more than 350 Fedora packages. In his rare moments of spare time, he enjoys geocaching, pinball, board games, hockey, and science fiction.

Nathaniel McCallum - Building A Secure, Flexible JavaScript Ecosystem

Talk Description: For many years JavaScript was thought of as a browser-only language. However JavaScript is currently beginning a new life outside of the browser. In this talk I discuss some of the cool things happening in the JavaScript ecosystem and why security and fragmentation are the greatest threats to further success and how to avoid these problems before they take root.

Bio: By day, Nathaniel McCallum is a Client Services Engineer for Zenoss, Inc. By night, he enjoys time with his wife and their four children. By late-night, he hacks on projects like Fedora, libproxy and natus.

Seth Chisamore - Deploying Highly Available Django Application Stacks with Chef

Talk Description: Chef is an open source systems integration framework built to bring the benefits of configuration management to your entire infrastructure. You write source code to describe how you want each part of your infrastructure to be built, then apply those descriptions to your servers. The result is a fully automated infrastructure: when a new server comes on line, the only thing you have to do is tell Chef what role it should play in your architecture. Chef is more than a configuration management tool though, it is also a

powerful systems integration platform. Your application servers can find data base servers and create connection information on the fly. Your load balancers can dynamically add new resources to the pool as they become available. This session will focus on leveraging Chef to provision and deploy highly available Django application stacks. Developed by Opscode and a vibrant open source community, Chef is being used to automate and deploy large-scale infrastructures all over the world. Chef is freely available under the Apache 2.0 license so that anyone can run it, build on it, or submit changes back to the project.

Bio: Seth Chisamore has over 12 years of experience with all aspects of web and enterprise application development, deployment and support. He has worked for companies of all sizes, from the largest IT consulting firms and Ad Networks all the way down to 20 person startups. Seth currently resides in Atlanta, GA where he works for Opscode Inc., the creator of Chef. He has a passion for all things agile and loves helping customers build dynamic, data-driven infrastructures.

Arun Gupta - Java EE 6: More Power With Less Code Using NetBeans and GlassFish

Talk Description: The Java EE 6 platform allows you to write enterprise Java applications using much lesser code from its earlier versions. It breaks the "one size fits all" approach with Profiles and improves on the Java EE 5 developer productivity features. Several specifications like CDI, JSF 2, JAX-RS, JPA 2, and Servlets 3 make the platform more powerful. It also enables extensibility by embracing open source libraries and frameworks such that they are treated as first class citizens of the platform. NetBeans, Eclipse, and IntelliJ provide extensive tooling for Java EE 6. This session explain the Java EE 6 key concepts and specifications and use several live coding sessions.

Bio: Arun Gupta is a Java EE and GlassFish evangelist working at Oracle. Arun has over 15 years of experience in the software industry working in the Java(TM) platform and several web-related technologies. In his current role, he works to create and foster the community around Java EE and GlassFish. He has been with the Java EE team since its inception and contributed to all Java EE releases. Arun has extensive world wide speaking experience on myriad of topics and loves to engage with the community, customers, partners, and Java User Groups everywhere to spread the goodness of Java. He is a prolific blogger at <http://blogs.sun.com/arungupta> with over 1150 blog entries and frequent visitors from all around the world with a cumulative page visits > 1,000,000. He is a passionate runner and always up for running in any part of the world. You can catch him at @arungupta.

Andrew Psaltis - Emacs And You

Talk Description: (GNU) Emacs is a relatively common text editor and more. However, it is often stigmatized as bloated and unintuitive. While this may be true, it can be an effective tool. The talk will discuss basic emacs usage, some cool features, and various add-on modules to help your favorite operating-system-as text editor work better for you.

Bio: Andrew Psaltis is a recent graduate of the University of Virginia with a B.S. in Computer Engineering. After briefly using Ubuntu, he has been working primary with Slackware, fiddling with other distros along the way. His contributions to FOSS include the console client for the Wicd network manager (wicd-curses), and patching PolicyKit to support shadow.

Kelly West - Reaching Out With... Video Games?

Talk Description: There are many advocates of the Linux community, and one who deserves special attention is the gamer. You won't learn how to tinker with Wine or how to host a LAN party in this talk; this about you, the gamers, and how you can give back to the Linux community and appeal to those who haven't joined us yet.

Bio: Kelly West is pursuing a B.S. in Computer Science at WVU Institute of Technology. She is a former coordinator of the LANville Gaming Community and a former president of WVUIT's LUG.

Steven King - Configuration Management and Environment Consistency

Talk Description: I would like to speak about configuration management and environment consistency and how it applies to small businesses to large enterprise environments. The talk would cover things such as using revision control to track changes, puppet/cfengine or other programs to maintain configuration state on clusters and the importance of server to server configuration consistency in a cluster.

Bio: Steven King has been in the Open Source and Linux community for over 7 years. He has worked in large data center environments and hold multiple industry certifications. I also enjoy playing flute in a local Symphony and flying planes.