Utah Area Local User Groups

Utah Open Source Conference 2009

The groups are sorted by category, as best as possible:

OS Based User Groups:
Provo Linux Users Group - http://plug.org/
Utah Valley Linux Users Group - http://uvlug.org/
Salt Lake Linux Users Group - http://www.sllug.org/
Ogden Area Linux User Group - http://www.oalug.com/
Southern Utah Unix Users Group - http://www.su3g.org/
USU Free Software and Linux Club
(USU FSLC) - http://fslc.usu.edu/
BYU Unix Users Group - http://uug.byu.edu/
Ubuntu Utah - http://utah.ubuntuus.org/

Programming Language Groups:
Utah Java Users Group - http://www.ujug.org/
Utah PHP Users Group - http://uphpu.org/
Utah Ruby Users Group - http://urug.org/
Utah Python Users Group - http://utahpython.org/
Northern Utah Perl Mongers - http://nupm.org/mailman/list-info/nupm
Utah County .Net Users Group - http://www.ucnug.org/
Utah .Net Users Group - http://utahdnug.org/

Others:
Utah Open Source Foundation - http://utos.org/
CodeAway and SLC Geek - http://codeaway.org/
Utah Database Users Group - http://udbug.org/

Utah Asterisk Users Group - http://utaug.org/
Utah Open Source Planet - http://planet.utos.org/
Utah Computer Society - http://www.ucs.org/index.php
Utah Oracle Users Group - http://www.utoug.org/
Utah Mac User Group - http://www.umug.com/
BYU Macintosh User Group - http://mac.byu.edu/
Salt Lake County ColdFusion Users
Group (SLCFUG) - http://www. slcfug.org/

Business Associations:
Utah Technology Council - http://www.uita.org/
CTO Breakfasts - http://www.windley.com/cto_forum

Conferences:
Utah Open Source Conference - http://utosc.com
Utah Code Camp - http://utcodecamp.com/
RIA Dev Shed - http://riadevshed.com/
MountainWest RubyConf - http://mtnwestruby.org/
Blogging for Business Conference - http://bforbconference.com/
PodCamp SLC - http://podcampslc.org/
WordCamp Utah - http://utah.wordcamp.org
Utah Code Camp - http://utcodecamp.com/

(afford|scal|reli)ability
Utah Open Source Conference
HTTP://2009.UTOSC.COM

Sponsor List

Meet the Utah Open Source Staff

As a 501(c)3 organization, we're here to improve the usage of open source in Utah. We've assembled a team of Trustees, or what we sometimes call the Core Team.

Current Staff:
Clint Savage - Executive Director / Founder
Will Smith - Conference Manager
Barry McCormick - Program Manager
C.R. Oldham - Program Manager
Justin Carmony - Sponsorship Manager
Jayce Hall - Volunteer Manager
Trevor Sharpe - Technology Manager
Victor Villa - Marketing Manager
Adam Barrett - Code Guru

Retiring Staff:
Stephen and Emily Shaw
With much appreciation for your years of hard work and dedication.

About Utah Open Source

The Utah Open Source Foundation was created in June of 2006 with the goal of 'Helping grow open source in Utah'. This goal, while a tremendous challenge, has brought with it some great successes, and some serious trials. UTOS is in place because of the hard work and efforts from a group of volunteers, several business folk who are interested in UTOS' success and the generous encouragement of the Utah Open Source community.

UTOS launched out of the now defunct Utah Open Source Coalition. Our ideals are similar in nature to theirs, though on a larger scale. UTOS plans help Local User Groups (LUGs) and others involved in open source in Utah in several areas. Our main focuses are community, technology and business, with a growing interest in spreading open source in education. We believe that helping those who help free software succeed is a noble goal.

The charter of the Utah Open Source Foundation (UTOS) is to help open source grow in Utah. To do this, it was decided to help the Local User Group (LUG) communities. Developers and others generally participate in a LUG and can benefit more directly through a LUG.

Utah Open Source Core Team: Adam Barrett, Jayce Hall, Barry McCormick, Will Smith, Clint Savage, Victor Villa, not pictured: Justin Carmony, Trevor Sharpe, C.R. Oldham

We are a coworking space near the heart of downtown Salt Lake City. (Map)

BetaLoft is a community of freelancers, independents, work-from-home people, who have an interest in getting out of their dull work day and participating in a community that's designed to support and encourage people who make a living doing what they love.

We will provide communication tools, events (social and educational), as well as a physical space to work and collaborate.

This space will provide:

* various workspaces (desks, tables, chairs, and couches)
* High-speed internet (wired and wireless)
* fully stocked conference rooms (conference table/chairs, digital projector, whiteboards)
* a relaxing and stimulating environment to work
* a support group of interesting, smart, and talented people
* infinite organic networking opportunities
* a fully equipped multicamera studio for small web video production.
* audio & video podcasting facilities.

Visit BetaLoft Chill Area in room 129!

openSUSE is a free and Linux-based operating system for your PC, Laptop or Server. You can surf the web, manage your e-mails and photos, do office work, play videos or music and have a lot of fun!

Whether you're an experienced Linux developer or an end user just getting started with Linux, there are many ways for you to participate in the openSUSE project. Join a forum to get help or help others with open-SUSE, find and report bugs, review the documentation, send your wish list for new packages and features, create and submit patches, or find other creative ways to contribute. Whatever you do, take a few minutes to discuss open-SUSE with other users and become an active member of the openSUSE communities.

Utah Open Source Conference 2009 - Thursday Schedule

09:30
Leveraging the Collective Intelligence of Online Communities 09:30 for Public Good - Room 101
Darren Brabham, Keynote

10:30
Upcoming Events and LUGs (Local User Groups) (Utah Open Source - Room 101

12:30
Fun with SQL - How to make SQL work for you - Room 203
Josh Tolley

Technology Cooperatives: An Open Source Business Model - Room 101
Richard Esplin

Intermediate Python Workshop - Room 127
Matt Harrison

Fedora Activity Day - Room 108
Larry Cafiero & Clint Savage

ODF and You: Why free formats are important - Room 223
Marino Marcich

13:45
Kernel virtual machines (kvm) on linux - Room 203
Jim Petersen & David Mair

The New Economics of IT - Room 101
J.Tyler McGraw

BuddyPress - Room 123
Jake Spurlock

Salt Lake Linux User Group Meeting - Room 206
UTOS

BSDA Certification Exam - Room 207
Dru Lavigne & Anthony Chavez

15:00
Networking 101 - Room 203
Corey Edwards

Developing with Mozilla Prism - Room 101
Jeremy Hanna

Utah PHP User Group Meeting - Room 206
Victor Villa

The Forgotten Edge: Building a Purpose-Centric Web - Room 223
Phil Windley

Provo Linux User Group Meeting - Room 123
UTOS

16:15
Duct tape and bailing wire - Room 203
Daniel Evans

VoIP: FreeSWITCH and Asterisk - Room 123
Gabriel Gunderson & Corey Edwards

18:00
Machine Learning for the Rest of Us - Room 203
David Richards

Introduction to OS Virtualization, Containers, and Open-VZ - Room 223
Scott Dowdle

Utah Asterisk Users Group Meeting - Room 206
Eliott Spencer

Fedora - Freedom, Friends, Features, First! - Room 108
Larry Cafiero & Paul Frields

Linux/Unix Shells BOF - Room 123
Aaron Toponce

19:00
Ignite Salt Lake - Room 101
Jesse Harding

Are you ready for IPv6? - Room 203
Corey Edwards

Delivering desktops on the cheap - Room 223
David Moss

Utah Python User Group Meeting - Room 108
Matt Harrison

Linux Home Server - Room 123
Clint Tinsley

Utah Open Source Conference 2009 - Friday Schedule

09:30

Would you do it again for free? - Room: 101
Stormy Peters

10:45

HopeKids Event - Room: 101
C. R. Oldham

12:00

Getting Things Done - Life Without a GUI Tools - Room: 203
Jared Bernard

Using Puppet and Cobbler to Automate Your Infrastructure Scalability - Room: 223
Phil Windley

Master Cross-platform Builds - The OpenSUSE Build Service Workshop Try-It Lab Workshop - Room: 127
John Jolly

Building an Open Source Security Tool Set Tools - Room: 101
Jason Wood

A Better WordPress Server: Nginx + PHP-FPM Scalability - Room: 123
Joseph Scott

13:15

Why FreeBSD is the Best Linux Distro* Tools - Room: 206
Mac Newbold

Writing Mobile Applications With Android Programming - Room: 123
Glen Lewis

Simple and easy data security Tools - Room: 108
Daniel Evans

The Fedora/Red Hat/FOSS model Reliability - Room: 207
Paul Frields

14:30

Managing and Securing Your Office With pfSense Tools - Room: 203
Joseph Brower

The (Untapped) Power of Functional Programming Programming - Room: 123
Alpheus Madsen

SSH Tips and Tricks Tools - Room: 223
Aaron Burgemeister

Introduction to Cobbler System Administration - Room: 101
Derek Carter

15:30

Puppet Workshop Try-It Lab Workshop - Room: 127
Andrew Shafer

15:45

Using 'screen' for Fun and Profit System Administration - Room: 206
Aaron Burgemeister

Managing your minions with func System Administration - Room: 108
Daniel Hanks

Using Blender 3D for Game Creation Tools - Room: 123
Christian Horne

Building a Better Community Through Statistics Processes - Room: 207
Ian Weller

17:00

Cobbler power tools System Administration - Room: 223
Derek Carter

FamilySearch Genealogical Platform and You Tools - Room: 203
Gordon Clarke

What every programmer should know about code coverage Programming - Room: 123

things but reconnecting to this session cannot be done with just the shell. Thankfully 'screen' is on many Linux/Unix systems by default (all of them I've used anyway) and as a result increasing productivity is possible out of the box. Having 'screen' on a laptop for this session will allow for interactivity so that is encouraged if possible.

Using Blender 3D for Game Creation
by Christian Horne
This presentation will be an introduction to using Blender 3D for creating games. First I'll introduce Blender and show it's more general uses, then move on to using the Logic Bricks and Python Scripting. I'll also show a couple of games made in Blender.

Using ffmpeg for, well, everything
by Doran Barton
This presentation will explore many of the various capabilities of the ffmpeg suite of programs and libraries. Attendees will learn how to use ffmpeg to create video files for use with common portable media players, how to use video capture devices, and how to deal with various multimedia file types.

Using Puppet and Cobbler to Automate Your Infrastructure
by Phil Windley
Cobbler is an open source install manager. Puppet is an open source continuous configuration manager. The presenter uses these tools to manage dozens of machines with only a few hours per month of effort. This talk will introduce these two tools and discuss their use in automatically managing scalable infrastructures.

Virtual Private Networking with OpenVPN
by Jeremy Willden
How/why to set up your own OpenVPN server for your home and office for easy remote access, and set up VNC for complete computer control from anywhere in the world. Don't pay to "go-to-your-pc" if you don't have to. Covers installation, configuration, generation of server and client certificates, and use of the OpenVPN client in dd-wrt router firmware. Targeted at small businesses, but great for your home network, too. Partially repeated from last year, but with more network topologies covered.

Web content filtering for home or office
by Jeremy Willden
Keep your kids or employees from accessing undesirable web content. We'll configure a dd-wrt Linux-based router, combined with another server, to do content filtering on all web traffic on your home or office network. The configuration demonstrated is for a transparent proxy, which requires no configuration on the client computers. Also covers some of the benefits of dd-wrt, a great open-source router firmware package.

Web scraping for fun and profit with ruby
by JT Zemp
In this presentation we'll take a quick look at the structured and

semi-structured nature of the web, and then how to access it's information with not much effort using the Ruby scripting language and some of it's libraries including: Nokogiri/Hpricot, Mechanize, scrubyt, scrapi, webrat-scraper and the Watir family.

What every programmer should know about code coverage
by Matt Harrison
What metrics are useful for code? How does code coverage fit in? How does this relate to testing? Code coverage tends to get a bad rap among programmers. Come learn all about it (and other metrics) and maybe change your mind.

Why FreeBSD is the Best Linux Distro*
by Mac Newbold
In this presentation, I'll share some of my favorite things about FreeBSD and why I think it is a great Open Source Operating System, and I'll make a case for why Linux users should strongly consider it next time they're thinking about trying out a new distribution.

Would you do it again for free?
by Stormy Peters
One of the things about the free software community that continues to baffle those non-open source people is, "why do you do it?" Free software developers work on open source software for a number of reasons from scratching an itch to gaining a reputation to building a resume to contributing to a good cause. The interesting problem comes when money enters into the equation. Research shows that when someone works on something for free (for internal rewards) if you start paying them you replace those internal rewards. Then if you stop paying them, they will stop working on it. Does that hold true for open source software? Are commercial companies killing open source by paying people to work on it?

Writing a Google App - The Google Web Toolkit
by John Jolly
This course will go through the steps of creating a web application in the Google Web Toolkit. The application will interact with a XML-based service that presents data from a database. Attendees will come away with an understanding of the GWT architecture and should be able to create their own GWT application.

Writing Mobile Applications With Android
by Glen Lewis
This will be targeted at developers of all skill sets who are not yet familiar with mobile applications and their value. It will also be valuable to business leaders who are unfamiliar with the breadth and depth of mobile applications and the potential for using them to extend existing applications.

Matt Harrison
Virtual Private Networking with OpenVPN Tools - Room: 101
Jeremy Willden

18:15

Real Life Scaling: A Tale of Two Websites Scalability - Room: 123
Justin Carmony

A non-proprietary search engine for the masses?!?! Tools - Room: 207
John Griffin

Monitoring Your Servers System Administration - Joseph Hall
Room: 206

10 Required Sysadmin Tools System Administration - Room: 108
Christer Edwards

19:15

Creating a community in a Corporate Environment (Home Automation) Tools - Room: 223
Ben Payne

GPG Keysigning Birds of a Feather (BoF) - Room: 101
Lamont Peterson

Podcasting with Open Source Tools Birds of a Feather (BoF) - Room: 203
Thom Allen

Hibernate Search and Lucene BoF Birds of a Feather (BoF) - Room: 207
John Griffin

20:15

UTOS Geek Dinner Event - Spaghetti Mama's
Utah Open Source

Utah Open Source Conference 2009 - Saturday Schedule

09:30

Big Company, Open Choice: Why Adobe is becoming Open - Room: 101
Dave McAllister

10:45

HopeKids Event - Room: 101
C. R. Oldham

11:00

Introduction to Perl for scripting - Room: 108
Corey Edwards

Intermediate GIMP: Face Swapping - Room: 206
Laura Moncur

Unleashing GNOME Config: Scripted UI Customization Tools - Room: 123
Christer Edwards

OpenOffice.org Tips and Tricks - Room: 207
Alan Clark

BZFlag Tournament Event - Room: 127
Utah Open Source

13:00

Open Source Car Entertainment - Room: 203
Kevron Rees

Making Screencasts with Kdenlive - Room: 223
Joseph Brower

Build Linux appliances with suse studio - Room: 101
Stephen Shaw

Web scraping for fun and profit with ruby - Room: 123
JT Zemp

14:15

Using ffmpeg for, well, everything - Room: 206
Doran Barton

Writing a Google App - The Google Web Toolkit - Room: 108

John Jolly

Switchvox Case Study: Conservice Affordability - Room: 123
Tristan Rhodes

Web content filtering for home or office - Room: 207
Jeremy Willden

14:30

Advanced Git Workshop Try-It Lab Workshop - Room: 127
Tim Harper

15:30

Open Source Basics: What are you a bunch of hippies? - Room: 101
Laura Moncur

HDR Photography using Open Source for beginners - Room: 223
Shaun Price

iSCSI for Fun and Profit - Room: 203
Aaron Burgemeister

Child's Plaything - Room: 123
Daniel Evans

16:45

Deploying Virtual Machines in HA Environments using Open Source Software - Room: 207
Brent Lambert

Advanced GIMP: The Digital Diet - Room: 206
Laura Moncur

Physical password attacks against Unix-like operating systems - Room: 108
Aaron Toponce

Object Oriented Cooking - Room: 123
Joseph Hall

and interoperability opportunities that are available today and in the near future.

Physical password attacks against Unix-like operating systems
by Aaron Toponce
I will be discussing three topics regarding password security on Unix-like machines, including BSD, GNU/Linux and even Mac OS X. This presentation is targeted towards system administrators mainly, but can be of major benefit to end users.

Real Life Scaling: A Tale of Two Websites
by Justin Carmony
Scaling is a real issue for many websites. However, many developers try to implement solutions used by the giants of the internet: Google, Facebook, Twitter, WordPress, etc. However, many of these techniques are designed for very unique and high demand situations. Implementing these techniques prematurely to smaller websites can lead to overly-complex solutions that can be difficult to manage, and even hinder progress.

Simple and easy data security
by Daniel Evans
In an increasingly data-centric world personal data security can be a huge subject. This presentation will focus on simple and easy ways that one can improve the security using free and open source tools. Some of the methods covered will be password key-rings, encrypted hard drives and flash drives. This presentation will also describe what you can honestly expect to gain from such measures.

SSH Tips and Tricks
by Aaron Burgemeister
In large IT environments with many servers running a variety of operating systems there are times when connection to a machine does not require the full graphical environment (VNC, RDP, NX, etc.). There are times when files need to be copied from one server to a dozen others securely interactively or by a process that does not have access to user credentials for remote systems. Installs, maintenance, statistics-gathering, and many other tasks can be handled via SSH with very little work as long as the knowledge is there to implement it.

Switchvox Case Study: Conservice
by Tristan Rhodes
Digium's Switchvox is an advanced PBX based on the open source Asterisk project. This presentation will cover the deployment of a Switchvox PBX at a local Utah business with over 150 phones.

Technology Cooperatives: An Open Source Business Model
by Richard Esplin
In this presentation, I'll share my research into cooperative business models, and my experience trying to catalyze a technology cooperative for educational institutions.

The (Untapped) Power of Functional Programming
by Alpheus Madsen
As I have worked with computer languages over the years, I have been exposed to my share so-called Imperative Languages--C/C++, Java, Ada, Pascal, Python, Perl, PHP, Forth, Assembler, and so on. I discovered a new class of languages: Haskell, Lisp, Erland, OCAML. These languages provide support for Functional Programming, and as such, they provide a certain element of power that can give software development a special edge. I would like to provide an overview of two languages--Haskell and Lisp--and explain what it is that makes these languages so special.

The Fedora/Red Hat/FOSS model
by Paul Frields
An overview of the development and release models of Fedora and Red Hat Enterprise Linux (RHEL), and the win-win benefits of this process to customers and community alike. This talk will also discuss how these models differ and complement each other in the cases of Fedora, RHEL, and CentOS. He will also make the case that focusing on contribution produces a sustainable model for growth and innovation in open source technologies.

The Forgotten Edge: Building a Purpose-Centric Web
by Phil Windley
Technological development in the area of Internet identity over the last several years has left us well prepared for this move to the client. In particular, we argue that identity selectors are a great platform for building these purpose-managing client-site applications. Coupled with a rise in social networking tools that give individuals greater voice in conversations with the organizations that server them, these advances promise a Web that is less focused on location and more focused on purpose. We conclude with six rules for building a purpose-centric Web.

The New Economics of IT
by J.Tyler McGraw
A look at the significant trends affecting the IT Market today and how open source adoption across the enterprise can provide a panacea to over-stretched IT Staff and slashed corporate budgets.

Unleashing GNOME Config: Scripted UI Customization
by Christer Edwards
This presentation outlines using the gconf-editor and underlying gconftool-2 for simplyfying UI customizations in GNOME. The amazing thing about the GNOME desktop is the ability to customize nearly every aspect of your UI. This presentation will outline how to customize "hidden" features of GNOME as well as automating bulk customizations.

Using screen; for Fun and Profit
by Aaron Burgemeister
Normally in Linux/Unix (*nix) it is possible to 'background' a process and then return to it later on but that's only if you are still in the same session where the process was sent to the background. This is useful to have something run while you do other

machines.

Kernel virtual machines (kvm) on linux
by Jim Petersen, David Mair
Linux has had a native virtual machine feature for some time. This presentation will introduce it, explain its current status, future plans, where to get the latest version and how to install it. Included will be a overview of supported features, host impact and guest performance. Example guest installations will be demonstrated.

Leveraging the Collective Intelligence of Online Communities for Public Good
by Daren Brabham
In this keynote, I look at some of the ways online models like open source and crowdsourcing can be used in a variety of democratic and charitable ways. Drawing upon recent research and case studies, such as Peer to Patent, Next Stop Design, Financial Explorer, and experiments in open source government, this keynote ultimately asks: how will Utah's open source community use their skills for the greater good?

Machine Learning for the Rest of Us
by David Richards
We live in a world full of questions: How does this economy affect my clients, my job? How many servers will I need, and what could that handle? Who are these people visiting my site, and how can I better serve them? Why do my clients value my services, and how do I keep them loyal to me?

Making Screencasts (or other videos) with Kdenlive
by Joseph Brower
This presentation would cover how to make a screencasts under Linux using Kdenlive. It would go over the actual capturing of the video itself, the voice-over recording, transitions, and rendering out to a file. This presentation will also be useful for anyone wanting to learn how to do general video editing under Linux.

Managing and Securing Your Office With pfSense
by Joseph Brower
This will help introduce people to the pfSense routing and firewalling platform.

Managing your minions with func
by Daniel Hanks
If you manage more than a handful of machines, chances are you've written or used a script to run the same command on each of your machines. Chances are you've dealt with the problems and headaches of doing this sort of thing over ssh. This presentation will provide an overview of installing, configuring, and using func to more easily manage all your machines.

Monitoring Your Servers
by Joseph Hall
Monitoring servers has become increasingly important in recent years, as downtime has become increasingly unacceptable. Countless tools exist to notify admins when downtime occurs, and possibly raise flags beforehand to keep it from happening in the first place. This session will explore some of the tools available, and discuss which ones are most appropriate for certain situations.

Networking 101
by Corey Edwards
Maybe you've heard of ARP, netmasks or routing tables but aren't quite sure what they are. Perhaps you know what a firewall does but aren't sure how to set one up in Linux. Those and many more questions will be answered in this entry-level course on networking. When you leave you'll be ready to go forth and network the world. Or your apartment, at least.

Object Oriented Cooking
by Joseph Hall
It seems that more and more geeks are discovering a fascination with cooking. Whether you're a geek that lives to cook or just cooks to live, Object Oriented Cooking is for you! Geek chef Joseph Hall will show you how smaller recipes can become objects, ready to be included on a whim in larger recipes. As you begin to understand how code reuse can happen in the kitchen, your meals will become both easier and tastier.

ODF and You: Why free formats are important
by Marino Marcich
Why all the fuss over document formats? Marino Marcich of the OpenDocument Format (ODF) Alliance takes a step back to consider what exactly is an "open" document, who's adopted ODF and why, what software support exists, and, importantly, what open standards like ODF mean to open source users.

Open Source Basics: What are you a bunch of hippies?
by Laura Moncur
The promise of Open Source seems like free software for everyone, but there is a lot more to it than that. We'll cover a quick history of the Open Source movement, the definitions of "free" and enjoy a laugh at ourselves in the process.

Open Source Car
by Kevron Rees
* Overview on using Open Source technologies to power In-Vehicle-Infotainment (IVI) systems.
* Discuss the differences between IVI software and other mobile software.
* Discuss the core features: "What can you do with Open Source in the car"?

OpenOffice.org Tips and Tricks
by Alan Clark
OpenOffice.org is a full office productivity suite containing word processing, spreadsheet, presentation, drawing, and database applications. Join us for this session as we highlight and demonstrate the latest innovative features, collaborative capabilities,

18:00
Geeking out over the Digital Conversion... aka, how to convice the wife to let you purchase yet another computer Tools - Room: 223
James Frandsen & David DeMan

Getting Started with OfflineIMAP - Room: 101
Ian Weller

An Introduction to Postgres Administration - Room: 123
Spencer Christensen

Cheap Network Attached Storage - Room: 203
Daniel Taualii

19:00
Boardgame Bash - Room: 108
Utah Open Source

Join us for Geek Dinner on Friday!

After all of the presentations and activities on Friday, we'll head on over to Spaghetti Mama's for the Geek Dinner at 8pm.

The entire community is invited, so come on over and enjoy pizza and pasta with your friends and community. It should be a great party!

Spaghetti Mama's 75 East 9400 South Sandy, Utah 84070 (801) 676-0662 8:15 pm

Conference Keynote Addresses

Leveraging the Collective Intelligence of Online Communities for Public Good
Daren Brabham
Oct 08, 9:30 a.m.

Would you do it again for free?
Stormy Peters
Oct 09, 9:30 a.m.

Big Company, Open Choice: Why Adobe is becoming Open
Dave McAllister
Oct 10, 9:30 a.m.

One to One interactive

Established in 1997, One to One Interactive is the first enterprise to assemble a complete solution for brands, agencies, and publishers executing one-to-one marketing strategies.

By bringing together one of the nation's leading digital marketing agencies, the worlds most comprehensive portfolio of per-mission marketing platforms, unique performance based social media networks, and cutting edge neuromarketing research techniques, the companies of One to One Interactive build informed and creative customer/constituent strategies on the belief that digital media's ability to enable engaging one-to-one dialogues is the future of marketing.

we've created an affordable desktop delivery method incorporating thin clients, remote access, virtualization, and the Omni Desktop Multiplier with new laptops and repurposed desktops.

Deploying Virtual Machines in HA Environments using Open Source Software
by Brent Lambert
In this talk I will demonstrate how to build a highly available infrastructure for hosting virtual machines using XEN and explore a number of Open Source tools designed for this purpose.

Developing with Mozilla Prism
by Jeremy Hanna
In my presentation, I'll go into the development of cross-platform web-based apps that can be distributed as separate mini-applications based on Prism.

Duct tape and bailing wire
by Daniel Evans
This presentation will be focused for beginners who have old computer hardware sitting around and would like to get it to a functional state for donation or use.

FamilySearch Genealogical Platform and You
by Gordon Clarke
FamilySearch is delivering Open Genealogical platform with: 1) APIs to world's largest repository of genealogical resources. 2) Open source projects for API wrappers and sample code for many environments. 3)Free Developers Services at devNet.FamilySearch.org.

Fun with SQL - How to make SQL work for you
by Josh Tolley
This talk aims to introduce the attendee to SQL idioms and constructs that can save weeks of debugging, free up hours of coding, and shave precious minutes and seconds from application runtimes.

Geeking out over the Digital Conversion... aka, how to convice the wife to let you purchase yet another computer
by James Frandsen, David DeMan
This presentation will discuss the Open Source program mythtv, and will cover the following topics:
*What is mythtv, and why should my wife care?
*What parts do I need to build a functioning mythtv system?

Getting Started with OfflineIMAP
by Ian Weller
In this presentation, a tutorial for getting started with OfflineIMAP and using it with Evolution, KMail, and Mutt will be presented, as well as some tips and tricks (for example, keyring password storage) to make email reading a joy again.

Getting Things Done - Life Without a GUI
by Jared Bernard
I hope to ease the nerves of the CLI timid, by showing that the command line is not some obscure environment for hackers but a welcoming non-obtrusive comfortable haven to get the same things done that you would otherwise do in a GUI.

HDR Photography using Open Source for beginners
by Shaun Price
I would like to introduce beginners to HDR photography http://en.wikipedia.org/wiki/High_dynamic_range_imaging using the digital cameras they already have, and open source software. Beginner level, no prior photography experience required.

Intermediate GIMP: Face Swapping
by Laura Moncur
After you've become accustomed to using GIMP, you'll find that it is a VERY powerful tool for making your photos picture perfect. If you've every tried to take a family photo with several children, I'm sure you've wished you could replace one child's face from one photo to another. This session will show you how to do that and put your face on the body of a fashion model.

Introduction to Cobbler
by Derek Carter
Debian's preseed, RedHat's kickstart, SUSE's autoYAST and other installation automaton systems are very useful. However, setting up and maintaining the environments enabling these systems to work properly, can be time consuming and prone to error. Come learn the basics of Cobbler, and see how easy it is to use this powerful tool in your own environment.

Introduction to OS Virtualization, Containers, and OpenVZ
by Scott Dowdle
Container features have started appearing in the mainline Linux kernel but bit will be a few years before LXC (Linux Native Containers) reaches the functionality of much older, out-of-tree projects such as OpenVZ and Linux-VServer. This presentation will serve as an introduction to containers with an emphasis on OpenVZ.

Introduction to Perl for scripting
by Corey Edwards
This is a beginner level course. A familiarity with programming is assumed but Perl specific knowledge is not required.

iSCSI for Fun and Profit
by Aaron Burgemeister
Part of any business, whether using proprietary technologies or those that are Open, is keeping costs down. Clustering in environments share shared disk storage or network-enabled disk storage is required can make this tricky due to the expense associated with Fibre Channel. iSCSI is a technology that has been around for quite some time and which is free to use. The purpose of this presentation will be to show the steps involved in creating a shared storage environment using nothing but Linux (SUSE in my case) and commodity, Ethernet-enabled

Utah Open Source Family Day!

Presentation Descriptions

10 Required Sysadmin Tools
by Christer Edwards
This presentation will outline 10 sysadmin tools that you may or may not be using. Getting the job done right means using the best tools available. In this presentation I will introduce and outline the installation and use of a set of tools that I consider required for every sysadmin.

A Better WordPress Server: Nginx + PHP-FPM
by Joseph Scott
Using Apache + mod_php is a common and flexible way to host your WordPress blog, but it might not always be the best way. In this presentation I'll cover setting up the nginx HTTP server and PHP-FPM to process PHP scripts, what options are available to tune them and techniques for scaling up to host high traffic WordPress sites.

A non-proprietary search engine for the masses?!?!
by John Griffin
Lucene is an ultra high-performance, full-text search engine library written entirely in Java which contains many features. It is a technology suitable for nearly any application that requires full-text search, especially cross-platform applications. This discussion will provide an introduction to Lucene, what it can accompish, when and when not to use it, scalability issues and a case study.

Advanced GIMP: The Digital Diet
by Laura Moncur
Now that you're well skilled in GIMP, it's time to give yourself a Digital Diet. This session will cover techniques for making yourself look thinner, sleeker and maybe even a little taller. Covered in this session: Fuzzy Selection (Magic Wand), iWarp Tool, Clone Tool and Scale Tool.

An Introduction to Postgres Administration
by Spencer Christensen
This presentation will cover basics of managing Postgres, including creating database clusters, overview of configuration, and logging. We will also look at tools to help monitor Postgres and keep an eye on what is going on. Some of the tools we will review are: pgtop, pg_top, pgfouine, and check_postgres.pl.

Are you ready for IPv6?
by Corey Edwards
We will discuss the basics of IPv6, how to deploy it on your network (using F/OSS of course!), and some of the potential pitfalls. I will also briefly cover network programming and how you may (or may not) have to change your code to adapt.

Big Company, Open Choice: Why Adobe is becoming Open
by Dave McAllister
Ever wonder how a big company moves into Open? And then, how they decide what Open means? Does it really matter? And just where does it matter. So, let's talk about what is Open @ Adobe, and why we make the open source decisions we make. What's the model we follow and just what are all the things we are doing and have done.

Build Linux appliances with suse studio
by Stephen Shaw
One of the latest trends in the market is appliances. Recently at Novell they have released a web based appliance builder, Suse Studio. Suse Studio makes it really easy to quickly create and share your software with the world using the latest openSUSE or SLE.

Building a Better Community Through Statistics
by Ian Weller
In this presentation, not only will ideas for analyzing your community and project be discussed, but quick and simple ways to get started will also be demonstrated.

Building an Open Source Security Tool Set
by Jason Wood
In this presentation I'll go over a number of open source security tools, what they do and where you can get them. Individual tools will be discussed as well as Live CDs which have a collection of the tools all together.

Cheap Network Attached Storage
by Daniel Taualii
I will show you how to setup a FreeNAS server. I will demonstrate how to setup a Samba and NFS share. From OS install to sharing it takes about 15-20 minutes

Child's Plaything
by Daniel Evans
Often people have come to me with kids and wanted me to build a family computer. This presentation will focus around ideas and software in the Free and Open Source world which are centered around children and education.

Cobbler power tools
by Derek Carter
Come learn some tips and tricks about Cobbler to make managing a larger installation environment less painful.

Creating a community in a Corporate Environment (Home Automation)
by Ben Payne
What started out as a means of competition among individual businesses which are geographically unable to compete is now a means of collaboration and business growth.

Delivering desktops on the cheap
by David Moss
The Computer Science department at Salt Lake Community College is in the process of significantly expanding its computer labs and remote access offerings. Learn from our experience how
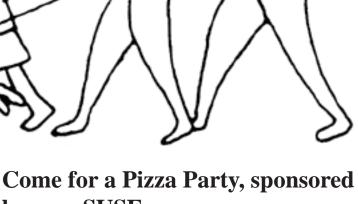

As we did in 2008, from 10am-2pm on Saturday, we're going to be making a very special effort around families. If you have registered for a Full Access Pass, we invite you to bring your family for the Family related activities and presentations. We have presentations on GIMP (photo-editiing), setting up computers for kids to use as well as some activities like a GPS treasure hunt and a family oriented Try-It Lab workshop. Family members need not register to attend on Saturday, just show up and have some fun!

Come for a Pizza Party, sponsored by openSUSE

In addition to all the activities we have scheduled for Family Day, the folks over at openSUSE have pitched in a ton of pizza and drinks. Starting at about 11:45am until about 1pm, there will be pizza available for everyone at the conference, though it is first come, first served. Come and grab a slice and share a conversation with family and friends.

image courtesy of www.aperfectworld.org

Exhibit Hall

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