

# O'Reilly UK User Group Programme

## NEWSLETTER

Issue 14-05

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### HIGHLIGHTS

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- Beta Broadcast 002: Data for Web 2.0
- What Is Asterisk?
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- Perlcast Interviews Jesse Vincent, author of "RT Essentials"
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- Installing Debian
- Using FreeBSD's ACLs
- How to Set Up Backup 3 and Save Your Data
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#### YOUR NEWS

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### NEWS FROM O'REILLY AND BEYOND

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#### General News

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\*\*\*Tim O'Reilly in the News

"The New York Times," September 28, "Search and Rescue"

[http://radar.oreilly.com/archives/2005/09/ny\\_times\\_op\\_ed\\_on\\_authors\\_guil.html](http://radar.oreilly.com/archives/2005/09/ny_times_op_ed_on_authors_guil.html)

"Wired," October 2005, "The Trend Spotter":

<http://www.wired.com/wired/archive/13.10/oreilly.html>

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### \*\*\*What Is Web 2.0

Defining just what Web 2.0 means still engenders much disagreement. Some decry it as a meaningless marketing buzzword, while others have accepted it as the new conventional wisdom. Tim O'Reilly attempts to clarify just what we mean by Web 2.0, digging into the implications of viewing the web as a platform, which applications fall squarely under its purview, and which do not.

<http://www.oreillynet.com/pub/a/oreilly/tim/news/2005/09/30/what-is-web-20.html>

### \*\*\*Beta Broadcast 002: Data for Web 2.0

This week, O'Reilly's audio magazine program "Distributing the Future" takes a look at the Data for Web 2.0. Tim O'Reilly explains "What is Web 2.0," Marc Hedlund ponders the browsers of the future that might mash up the private data on your hard drive with data that lives on the Web, NAVTEQ's Robert Denaro discusses why NAVTEQ drives so many miles each day to gather the geographic information you use in your favorite online mapping applications, Phil Torrone is already hacking the iPod nano, and our "FOO Cast" is more of Richard Giles' Gadget show interview with John Batelle. (24 minutes, 52 seconds)

<http://www.oreillynet.com/pub/a/network/2005/09/23/distributing-thefuture.html>

### \*\*\*What Is Asterisk?

Asterisk is an open source PBX (private branch exchange) that provides all the functionality of high-end business telephone systems, and much more. Brian McConnell explains how Asterisk works, where to get it, and provides an overview of its feature set and platform capabilities.

<http://www.oreillynet.com/pub/a/network/2005/09/30/what-is-asterisk.html>

### \*\*\*User Group Members receive a special 50% discount Learning Lab Courses

As an O'Reilly User Group member, you save on all the courses in the following University of Illinois Certificate Series:

- Linux/Unix System Administration
- Web Programming
- Open Source Programming
- .NET Programming
- Client-Side

This offer ends December 31st, 2005. To redeem, use Promotion Code "ORALL1" to save 50%. Each course comes with a free O'Reilly book and a 7-day money-back guarantee. Register online:

<http://learninglab.oreilly.com/>

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Open Source  
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\*\*\*Pericast Interviews Jesse Vincent, author of "RT Essentials"

<http://pericast.com/2005/09/29/interview-with-jesse-vincent/>

\*\*\*What Is Free Software?

Today, free software is a large body of high-quality code on which much of the internet depends for critical functions. But free software is much more than a collection of programs. Karl Fogel examines free software under three different lights: as a political movement, as a programming methodology, and as a business model. Karl is the author of "Producing Open Source Software."

<http://www.onlamp.com/pub/a/onlamp/2005/09/29/what-is-free-software.html>

\*\*\*\*Installing Debian

Debian GNU/Linux is a powerful and popular community-developed Linux distribution--and the basis for several other useful and usable distributions. With the recent release of Debian Sarge, it's better than ever. Edd Dumbill, Debian developer and GNU/Linux advocate, walks through a typical installation.

[http://www.linuxdevcenter.com/pub/a/linux/2005/09/29/installing\\_debian.html](http://www.linuxdevcenter.com/pub/a/linux/2005/09/29/installing_debian.html)

\*\*\*Using FreeBSD's ACLs

The standard Unix permissions scheme works fine if you have simple needs, but juggling groups and users can grow unwieldy very quickly. FreeBSD's Access Control Lists give you more control over who can access files and directories. Dru Lavigne explains how to enable, understand, and use them appropriately.

[http://www.onlamp.com/pub/a/bsd/2005/09/22/FreeBSD\\_Basics.html](http://www.onlamp.com/pub/a/bsd/2005/09/22/FreeBSD_Basics.html)

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Mac  
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\*\*\*How to Set Up Backup 3 and Save Your Data

Combined with a hefty 1GB of online storage, Backup 3 provides .Mac subscribers with a robust, easy-to-use workflow for protecting their most valuable data. In this tutorial, Derrick Story shows you how to get the most out of version 3, using both your iDisk and DVDs for preserving your work.

<http://www.macdevcenter.com/pub/a/mac/2005/09/23/backup3.html>

\*\*\*Installing Fink on Mac OS X

The Fink project aims to port Unix software to Mac OS X and make it easy to install. In this article, Koen Vervloesem shows you the ins and outs of Fink, with some info about how it compares to DarwinPorts, another package management system for Mac OS X.

<http://www.macdevcenter.com/pub/a/mac/2005/09/30/fink.html>

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Windows/.NET  
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### \*\*\*What Is ASP.NET?

Part of the .NET Framework, ASP.NET allows developers to build dynamic web apps and web services using compiled languages like VB.NET and C#. Wei-Meng Lee provides a look under the ASP.NET hood, describing how it works, its improved support in areas like state management and tracing and debugging, and important new features in version 2.0. Wei-Meng is the author of "ASP.NET: A Developer's Notebook."

<http://www.ondotnet.com/pub/a/dotnet/2005/09/19/what-is-asp-net.html>

### \*\*\*Using Windows Explorer with Alternate Credentials

Running Windows using administrator credentials can be hazardous to the health of your machine. Mitch Tulloch, author of "Windows Server Hacks," shows you how you can help solve the problem by using Windows Explorer while running alternate credentials.

<http://www.windowsdevcenter.com/pub/a/windows/2005/09/20/using-windows-explorer-with-alternate-credentials.html>

### \*\*\*What Is C#?

Jesse Liberty reveals this little-understood secret: C# is really one of two "coatings" of MSIL, the Microsoft Intermediate Language (the second is Visual Basic 2005). Both C# and VB 2005 produce MSIL, and it is MSIL that runs on the .NET platform. Jesse provides an overview of the C# language and how it works within the .NET platform, and concludes with resources for coding in C#. Jesse is the author of "Programming C#, 4th Edition."

<http://www.ondotnet.com/pub/a/dotnet/2005/10/03/what-is-csharp.html>

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Java  
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### \*\*\*What Is Quartz?

Java programmers: if you've ever needed an application to perform a task at a specific time, automatically, Chuck Cavaness suggests you check out the Quartz Scheduler. Cavaness looks at this open source job-scheduling framework, explains where to get it, how it works, and reviews its feature set.

<http://www.onjava.com/pub/a/onjava/2005/09/28/what-is-quartz.html>

### \*\*\*What Is Hibernate?

Hibernate is a free open source Java package that makes it easy to work with relational databases. James Elliott describes the "enlightened laziness" that resulted in the development of Hibernate, how it works, and when it makes good sense to use it in your projects. James is the author of "Hibernate: A Developer's Notebook."

<http://www.onjava.com/pub/a/onjava/2005/09/21/what-is-hibernate.html>

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Digital Media  
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\*\*\* Jack Herrington ("Podcasting Hacks") interviewed on the User Group Report on The MUG Center.

<http://www.mugcenter.com/usergroupreport/2005/534.html>

(You can also subscribe to this Podcast through iTunes.)

\*\*\* Nate Howard: Midwestern Photographer in Iraq

A photojournalist from Rochester, Minnesota is assigned to cover a local transportation unit on duty in Iraq. The images that Nate Howard returned with document the Iraqi people and American soldiers from a compassionate point of view.

<http://digitalmedia.oreilly.com/2005/09/28/featured.html>

\*\*\* Julian Kwasneski: Inside Game Audio

If you've played Star Wars, The Lord of the Rings, Indiana Jones, James Bond, or any number of NBA, NFL, PGA, or NCCA console games, you've likely heard the music and sound effects of Bay Area Sound. Cofounder Julian Kwasneski takes us inside the process of optimizing audio for games, then shares five MP3s.

<http://digitalmedia.oreilly.com/2005/09/21/bas-kwasneski-game-audio.html>

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MAKE  
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\*\*\* Make your own "PowerSquid"

Have you seen the "PowerSquid" on ThinkGeek? It's a very cool, five-outlet power strip that allows you to plug in those bulky square adapters. The Make team was going to order one, but they were out of stock and so they made their own--with a total of eight outlets--for almost half the price. Here's the simple cheap version.

[http://www.makezine.com/blog/archive/2005/09/how\\_to\\_make\\_your\\_own\\_powersqui.html](http://www.makezine.com/blog/archive/2005/09/how_to_make_your_own_powersqui.html)

Try a Sample Project from MAKE:

<http://makezine.com/samples/>

MAKE Show Archive:

[http://www.makezine.com/blog/archive/make\\_podcast/](http://www.makezine.com/blog/archive/make_podcast/)

\*\*\* For more information on MAKE, go to:

<http://www.makezine.com/>

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BOOK NEWS  
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Copies of our books are available for your members to review -- send me an email with the delivery address together with the book you would like to review. When the review is published, please send me a copy or the url. I would also appreciate if you could send a copy to [www.amazon.co.uk](http://www.amazon.co.uk)

Latest books available for review –

- [Ambient Findability](#)

A thought-provoking book that describes the future of information and connectivity, examining how the melding of innovations like GIS and the Internet will impact the global marketplace and society at large in the 21st century. Research, stories, examples, and illustrations add depth and color to this important subject. Written by best-selling author Peter Morville.

- [Beyond Java](#)

In *Beyond Java*, Bruce Tate, author of the Jolt Award-winning *Better, Faster, Lighter Java*, chronicles the rise of the most successful language of all time, and then lays out, in painstaking detail, the compromises the founders had to make to establish success. If you agree with the book's premise--that Java's reign is coming to an end--then this book will help you start to build your skills accordingly. *Beyond Java* will teach you what a new language needs to succeed, so when things do change, you'll be more prepared. And even if you think Java is here to stay, you can use the best techniques from frameworks introduced in this book to improve what you're doing in Java today.

- [Essential SNMP](#) (Second Edition)

This practical introduction to Simple Network Management Protocol (SNMP) has been offers improved coverage of version 3 of the protocol, plus much more information on SNMP scripting and programming. Learn how to install, configure, and use SNMP, so you can more easily manage your network. Includes five new chapters and a host of real examples.

- [FileMaker Pro: The Missing Manual](#)

Used by millions worldwide, FileMaker Pro is an award-winning database program for managing people, projects, images, assets, and other information. But it doesn't come with a manual, so *FileMaker Pro: The Missing Manual* is the book that should have been in the box. With practical information, countless expert tips, and invaluable guidance, it's your guide to designing and building useful databases with the powerful and pliable FileMaker Pro.

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- [Halo 2 Hacks](#)

Even if you've finished Halo 2 in Legendary Mode, you're not done with this game. This incredible book gives you a horde of great hacks for weapons, levels, vehicles, game play and mods. With all the clever tips & tricks we have in store, you'll turn Halo 2 into a whole new experience, whether you're a level 25 or above, or even a complete n00b.

- [iWork '05: The Missing Manual](#)

iWork '05 isn't about "office productivity"--it's about creating slick and stylish documents and cinema-quality digital presentations that say precisely what you want them to say. Refreshingly entertaining and scrupulously detailed, *iWork '05: The Missing Manual* gives you all the essentials of iWork '05, including countless goodies that you won't find anywhere else: undocumented tips, tricks, and secrets for getting the very best results from both exciting new applications.

- [Linux Desktop Pocket Guide](#)

Using Linux doesn't have to be hard. The book introduces you to the five most popular desktop distributions and covers essential topics such as configuring video cards screen resolution, sound, and wireless networking. Laptop issues are covered, too. Explore desktop apps, including browsers, IM, and email clients with the same functionality as those used on Windows.

- [Practical Development Environments](#)

Everyone wants a good technical environment for developing their software, and *Practical Development Environments* contains helpful guidelines for how to create and maintain a great development environment. It discusses some of the current tools that are available, covering different areas such as version control, build tools, testing tools, bug tracking systems, documentation environments, release tools, and maintenance.

\*\*\*\*Coming Soon

- [Access 2003 for Starters: The Missing Manual](#)
- [BlackBerry Hacks](#)
- [Creating Web Sites: The Missing Manual](#)
- [Essential PHP Security](#)
- [Excel for Starters: The Missing Manual](#)
- [Internet Forensics](#)
- [JBoss at Work: A Practical Guide](#)
- [Open Sources 2.0](#)
- [Palm and Treo Hacks](#)
- [Photoshop Elements 4: The Missing Manual](#)
- [PHP in a Nutshell](#)

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- [Producing Open Source Software](#)
- [Programming ASP.NET](#) (Third Edition)
- [Retro Gaming Hacks](#)
- [Twisted Network Programming Essentials](#)
- [Unix in a Nutshell](#) (Fourth Edition)
- [Windows XP for Starters: The Missing Manual](#)
- [Yahoo! Hacks](#)

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CONFERENCE NEWS  
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### \*\*\*ETel Registration Now Open

Emerging telephony networks enable a new generation of powerful communication applications, which threaten established business models--but more importantly, open up new opportunities and new markets.

O'Reilly's Emerging Telephony Conference, January 24-26 in San Francisco, aims to articulate this revolution, provide a framework, and spark creative discussions among enterprise managers, developers, hackers, and sponsors interested in telephony. Join us as we explore this exciting new territory and investigate its implications.

<http://conferences.oreilly.com/etel/>

Use code "etel06dsug" when you register, and receive 15% off the registration price.

To register for the conference, go to:

[http://conferences.oreillynet.com/cs/etel2006/create/ord\\_etel06](http://conferences.oreillynet.com/cs/etel2006/create/ord_etel06)

### \*\*\*Registration is Open for EuroOSCON

Join developers, systems and network administrators, and IT managers at the very first O'Reilly European Open Source Convention in Amsterdam on October 17-20. EuroOSCON will explore the best and newest open source technologies, particularly for companies, governments, and nonprofits.

EuroOSCON showcases the diversity in open source while maintaining a practical edge.

<http://conferences.oreilly.com/eurooscon/>

Use code "euos05usrg" when you register, and receive 25% off the registration price.

To register for the conference, go to:

[http://conferences.oreillynet.com/cs/eurooscon/create/ord\\_euos05](http://conferences.oreillynet.com/cs/eurooscon/create/ord_euos05)

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CONFERENCES/EXHIBITIONS ATTENDED BY O'REILLY UK  
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\*\*\*EuroOSCON, Amsterdam –17-20 October

The Future Is Open - The 2005 O'Reilly European Open Source Convention brings together diverse projects and communities from across the continent and around the world to address the changes and challenges unique to the European computing community.

<http://conferences.oreillynet.com/eurooscon/>

\*\*\*Mac Expo, Olympia, London 27-28<sup>th</sup> October

Thought-leaders such as David Pogue, Deke McClelland and Andy Ihnatko will throw the spotlight on cutting-edge developments in applications such as Mac OS Tiger, Apple's iLife, Adobe Photoshop, InDesign and QuarkXPress. Discover the hidden tips and tricks utilized by the Mac's top practitioners to dramatically enhance your skills and gain the insights you need to get the most from your technology investment.

[www.mac-expo.co.uk](http://www.mac-expo.co.uk)

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YOUR BOOK REVIEWS  
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\*\*\* MMUG-Egypt reviewed Jakarta Struts -

[http://mmug-](http://mmug-egypt.mxdj.com/jakarta_struts_cookbook_reviewed_by_hosam_radwan.htm)

[egypt.mxdj.com/jakarta\\_struts\\_cookbook\\_reviewed\\_by\\_hosam\\_radwan.htm](http://mmug-egypt.mxdj.com/jakarta_struts_cookbook_reviewed_by_hosam_radwan.htm)

\*\*\*Scottish ColdFusion User Group reviewed –

Learning PHP 5

<http://www.scottishcfug.com/go/php5-sp/>

Actionscript For Flash MX (Pocket Reference)

<http://www.scottishcfug.com/go/as-ps/>

\*\*\*Loughborough Students Union Compsoc. Reviewed High Performance MySQL –

<http://www.lsuocs.com/forums/viewtopic.php?t=944>

\*\*\*Udruženje Linux Korisnika BiH, ULK – reviewed Nokia Smartphone Hacks -

Nokia Smartphone Hacks

<http://www.linux.org.ba/osvrti/index.php?l=13>