

Be sure to check out our new [Blogs](#) and discover all the new Free Training!



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## Newsletter for Computer IT Education, Training & Tutorial Resources

**\*\*\* ISSUE #70 - August 2007 \*\*\***

**[Intelligentedu.com](http://Intelligentedu.com)**

**formerly [www.intelinfo.com](http://www.intelinfo.com)**

**Please Update Your Bookmarks & Web Links!**

This Newsletter is only sent to its subscribers  
and is available on the web at

[Intelligentedu.com/newsletter70.html](http://Intelligentedu.com/newsletter70.html)

Newsletter Archives are here:

[Intelligentedu.com/newsletter.html](http://Intelligentedu.com/newsletter.html)

Subscribe and unsubscribe [instructions are at the end](#).

Please forward this newsletter to all your friends  
and associates who might be interested!

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## **1) Editor's Greeting:**

Hello everyone, and welcome to our new subscribers!

This is the August 2007 issue (#70) of our free monthly newsletter for Computer IT Education, Training, & Tutorial Resources providing you with the latest Free online IT Training Resources that we have recently discovered and researched. This newsletter is free to anyone subscribing ([instructions](#) at bottom, no username/password is needed). To access our member site, however, you do need a user name and password - registering as a member of [Intelligentedu.com](http://Intelligentedu.com) costs \$15 for two months, for more information please see [Become a Member of Intelligentedu.com](#).

My desire is that these free resources will help you with your computer education and training and are tools to advance your IT career. Our main mission is the training of those less fortunate who are seeking to become computer literate, both technically and from a user's perspective.

In this issue we describe and link to a total of 112 computer, IT and programming learning and tutorial web sites. By means of this email newsletter, you have knowledge of and access to these sites before our web site visitors do.

**\*\*\*Current News \*\*\***

Please take a look at our [Blogs](#), We post on a daily basis to these blogs all **New Free Training and Tutorial Resources**, as we discover and evaluate them, here are the links:

[Best New Free Technical Computer and Development Training Sites](#)

[Free Computer, Technical, and IT Books](#)

[Our 3 Blogs for EducationOnlineForComputers.com](#)

- [Web Development](#) - [Adobe & Macromedia](#) - [Microsoft Office](#)

To get your [Free Computer Training updates via RSS](#), please cut and paste this urls into your RSS reader:

<http://www.intelligentedu.com/blogs/feed/>

**Please Visit Our New [Free Training & Tutorial Search Engine](#)** - this new website at [www.EdComp.com](http://www.EdComp.com) is a search engine with a large database of over 150,000 free IT education and training web resources, with another 70,000 free resources reserved exclusively for paid members. If you're an Intelligentedu.com Member, go to [members.Edcomp.com](http://members.Edcomp.com) to access the special members' page for searching over 220,000 free training web resources.

All of the links for these 220,000 free web resources have been validated, so you should not get any broken ones. We are also caching all previous results pages to help you find all the free training content and materials you need and are looking for. So check out our new free IT training search engine now, and if you'd like to, please provide me your feedback. Again, the url is: <http://www.edcomp.com/>.

Thank you.

For your convenience, this newsletter is also available to subscribers in HTML

format at this special url: [http://www.intelligentedu.com/current\\_news.html](http://www.intelligentedu.com/current_news.html)

I wish you the best with your computer studies and learning.

Warm Regards,  
Scott Turton  
Newsletter Editor and Webmaster  
[scott\\_turton@intelligentedu.com](mailto:scott_turton@intelligentedu.com)  
<http://www.intelligentedu.com/>

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**"Learn New Skills and Increase Your Earning Power  
- With Free Online Computer Training!"**

**\*\*\* [Become a Member of Intelligentedu.com](http://www.intelligentedu.com) \*\*\***

Our Members' Site contains the web's best computer and IT training resources and tutorials. This content is individually linked and presented in a way to expedite and facilitate your IT learning experience. We have done all the web research and presentation work for you so you can concentrate solely on your computer training. For short FAQ Answers, please see the end of this newsletter.

The total price to join as a member is only \$15.00 total for 2 months, \$25 for 4 months, \$34 for 6 months, or \$59 for a whole year. The funds generated will assist us to help all those seeking IT education and application development training. Here's the link to see what's available on our member's site and to sign up:  
<http://www.intelligentedu.com/sign-up/index.html>.

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**EdComp.com:**  
<http://www.edcomp.com/>

This is our new free computer and IT education and training search engine housing over 220,000 free training internet resources! Just type in a topic you're

looking for and get tons of great web resources instantly. These search results are much better than the big search engines, like google. You can also check out our predefined search results page giving you tons of free training resources:  
<http://www.edcomp.com/predefined.htm>.

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**EducationOnlineForComputers.com:**  
<http://www.educationonlineforcomputers.com>

Our new software application and office training and tutorial site, EducationOnlineForComputers.com, is now up and running. We give you Free access to hundreds of Free Training and Tutorials covering Microsoft Office, Flash, Photoshop, Dreamweaver and FrontPage. We also provide you a member site for the best available online software application training. You can sign up for the Free Newsletter here:  
[http://www.educationonlineforcomputers.com/optin\\_newsletter.html](http://www.educationonlineforcomputers.com/optin_newsletter.html)

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**-> Here are Your 3 Rewards for Subscribing to this Newsletter <-**

\*\*\* Free Online IT Training Materials for Subscribers \*\*\*

This section of our site contains over 2,000 free IT, computer and programming training resource links:

[http://www.intelligentedu.com/free\\_it\\_training\\_materials\\_and\\_books.html](http://www.intelligentedu.com/free_it_training_materials_and_books.html)

\*\*\* Free Online Computer Training and Tutorial Resources \*\*\*

Containing over 8,000 free IT training and tutorial resources, this section of our site is available only to our newsletter subscribers and web site members:

[http://www.intelligentedu.com/newly\\_researched\\_free\\_training.html](http://www.intelligentedu.com/newly_researched_free_training.html)

\*\*\* Free e-Book: "Understanding Computer Security" \*\*\*

Our new e-book contains the best information from U.S. government agency computer security papers and guides and presents it in a coherent and understandable manner. My hope is that this e-book will make computer security easier to learn. Click here to receive your Free Copy:

[http://www.intelligentedu.com/Understanding\\_Computer\\_Security.zip](http://www.intelligentedu.com/Understanding_Computer_Security.zip) (553 kb).

When unzipped it is a windows executable.

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## 2) The Best New Free I.T. Training & Tutorial Sites:

This section of our newsletter contains the best new free IT training and tutorial sites that we have found and researched in the last few weeks. These resources will be added to our Free IT Training & Courses page at [Intelligentedu.com/cat1.html](http://Intelligentedu.com/cat1.html), our Free IT Tutorials and Guides page at [Intelligentedu.com/cat2.html](http://Intelligentedu.com/cat2.html), or to our [members' site](#).

### **EdComp.com:**

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

This is our new Free computer and IT education, training and tutorial search engine housing over 150,000 free training internet resources! Just type in a topic you're looking for and get tons of great web resources instantly. We believe these results are better than the big search engines, like google.

You can start searching right now using this form:

Here are a few search results to get you started:

#### **Web Development:**

<http://www.edcomp.com/results/web+programming.html>

<http://www.edcomp.com/results/web+development+tutorial.html>

<http://www.edcomp.com/results/web+tutorial.html>

<http://www.edcomp.com/results/css.html>

### **Java Learning Resources:**

<http://www.edcomp.com/results/java+tutorial.html>

<http://www.edcomp.com/results/java+2.html>

<http://www.edcomp.com/results/java+servlets.html>

<http://www.edcomp.com/results/j2ee+tutorial.html>

### **Linux Tutorials:**

<http://www.edcomp.com/results/linux.html>

<http://www.edcomp.com/results/linux+tutorials.html>

<http://www.edcomp.com/results/linux+programming.html>

<http://www.edcomp.com/results/linux+.html>

### **XML Tutorials:**

<http://www.edcomp.com/results/xml.html>

<http://www.edcomp.com/results/xml+tutorials.html>

<http://www.edcomp.com/results/xslt.html>

<http://www.edcomp.com/results/xsl+tutorial.html>

<http://www.edcomp.com/results/xpath.html>

### **C++ Tutorials:**

<http://www.edcomp.com/results/c++-tutorials.html>

<http://www.edcomp.com/results/c++.html>

<http://www.edcomp.com/results/c++-programming.html>

### **A+ Tutorials and free practice questions:**

<http://www.edcomp.com/results/a+.html>

<http://www.edcomp.com/results/comptia+a+.html>

<http://www.edcomp.com/results/comptia+a+-study+guides.html>

<http://www.edcomp.com/results/a+-tutorials.html>

### **iNet+ Tutorials:**

<http://www.edcomp.com/results/inet+.html>

<http://www.edcomp.com/results/i-net+.html>

### **Network+ Tutorials:**

<http://www.edcomp.com/results/network+.html>

### **MCSE preparation:**

<http://www.edcomp.com/results/mcse.html>  
<http://www.edcomp.com/results/70-290.html>  
<http://www.edcomp.com/results/70-291.html>  
<http://www.edcomp.com/results/70-293.html>  
<http://www.edcomp.com/results/70-294.html>  
<http://www.edcomp.com/results/70-296.html>  
<http://www.edcomp.com/results/70-297.html>

**.Net:**

<http://www.edcomp.com/results/dotnet.html>  
<http://www.edcomp.com/results/dot-net.html>  
<http://www.edcomp.com/results/dotnet+tutorials.html>

**C#:**

<http://www.edcomp.com/results/c#.html>  
<http://www.edcomp.com/results/csharp.html>  
<http://www.edcomp.com/results/c#+tutorial.html>  
<http://www.edcomp.com/results/csharp+tutorial.html>

**Windows 2003:**

<http://www.edcomp.com/results/windows+2003.html>  
<http://www.edcomp.com/results/windows+server+2003.html>

**Intelligentedu.com paid Member-only search with 70,000 more free resources:**

<http://members.edcomp.com/index.aspx>

If you forgot your password please go here to retrieve it:

<http://www.intelligentedu.com/amember/member.php>

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**[TrainingByEmail](#)**

Visit [TrainingByEmail](#) to receive **Free Training for C#, ASP.Net, SQL, Word, Excel, and Outlook**, via your email every week! We will send out a new training



in the topic of your choosing every week. You can then save this, print it out, or delete it all at your convenience. And you can't beat the price, FREE!

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## [Intelligentedu Online Library of Training Courses](#)

This is another one of our new Free training and tutorial sites, providing over 450 free online IT tutorials. Tutorials range from entry level training on using word processors through to advanced techniques in programming, web development, database design, and network routing. In-depth courses are also available at low cost.

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## [Advanced JavaScript Tutorial](#)

Here is a well written JavaScript tutorial from [Onlamp.com](#), titled [Writing Advanced JavaScript Tutorial](#). It shows you how to create multi-browser compatible widgets with JavaScript. In this tutorial, Mr. Feldman briefly outlines how JavaScript helps to bridge different operating platforms. There are two techniques shown; the first illustrates the method of creating floating text and making it remain in place. The second is about creating and implementing pop-up menus. A working knowledge of HTML is recommended. This Javascript tutorial is written in a simple format and is easy to read and follow.

For Free Javascript Toolkits and other goodies check out these sites:

- [developer.yahoo.com/yui/](http://developer.yahoo.com/yui/)
- [code.google.com/webtoolkit/](http://code.google.com/webtoolkit/)
- [dojotoolkit.org/](http://dojotoolkit.org/)
- [wxwidgets.org/](http://wxwidgets.org/)

## [The Web Designer's Killer Handbook](#)

The goal of [The Web Designer's Killer Handbook](#), by Stefan Mischook, is to present and demonstrate some of the more useful techniques, tips, and code snippets when coding web sites and applications with HTML, JavaScript, and Cascading Style Sheets (CSS). The easiest way to get started with this web designer handbook is to create a practice HTML page, cut and paste the code provided, and then make small changes to see how your changes look in the browser and affect functionality. You will learn more if you try some things on your own and change the code to try to do other things, or break the code, and then see what happens.

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## [Web Development Tutorials](#)

Here are several Web Development Tutorials from Outfront.net. These will show you how to code web pages using CSS and JavaScript to give you web site a better look and feel for your users, and to improve its functionality.

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## [Java and C++ Style and Unit Testing Guides](#)

Here are some very well written [Style Guides for Java and C++](#), along with **Guides for Unit Testing, Makefile, and Emacs**. this are provided free by GeoSoft, which offers software strategy, architecture, design and development services.

[Java Programming Style Guide](#)

[C++ Programming Style Guide](#)

[C++ Programming Practice Guide](#)

[Unit Testing Guidelines](#)

[Java Makefile](#)

[Emacs Tips & Trick](#)

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## [\*\*Top 12 Programming Diggs for the last 30 days\*\*](#)

Here are what I am judging to be the Top 12 [Programming](#) Diggs for the last 30 days. These web resources will help you with getting more proficient using C++, Web Development, Ajax, Javascript, and Firefox Extensions; and also learning PHP, HTML 5, CSS, Eclipse, and how to program and compile code

### [\*\*Next Generation C++\*\*](#)

Dr. Bjarne Stroustrup, creator of C++, discusses new features that will be present in the next version of C++ (tentatively C++09). He addresses many important questions from the audience, and gives his views on C++ compilers, including GCC and Visual C++.

### [\*\*Want to learn Php? Easy!\*\*](#)

This website has some of the most helpful tutorials on php I have ever read. Reading all these tutorials will make you learn more about php than you have ever known, and humor is also included.

### [\*\*Save Time With Development Templates\*\*](#)

This resource is for web masters/mistresses who often create small projects.

### [\*\*Finally We Get New Elements in HTML 5\*\*](#)

HTML 5 introduces new elements for the first time since the last millennium. New structural elements include aside, figure, and section. New inline elements include time, meter, and progress. New embedding elements include video and audio. New interactive elements include details, datagrid, and command.

### **[100 Essential Resources for Web Developers](#)**

A Web developer's life is hard enough without having to be constantly on the hunt for good web-dev resources. After using these, you may still have 99 problems, but developing ain't gonna be one.

### **[How To: Compile Software from Source Code](#)**

With the popularity of open-source software, where the source code is available for one and all to read and enjoy, the final step of compiling the code into a runnable program is left up to the user.

### **[467 + Ajax/Javascript/Dhtml examples and demos to download](#)**

A great and useful collection.

### **[How To Teach a Kid How to Program](#)**

A father with high aspirations for his kid asks: My kid is 5, about to enter kindergarten. What are some entry points for coding?

### **[6 Firefox Extensions for Web Workers](#)**

With thousands of extensions out there, your list may vary, but here's my own selection of half a dozen essentials.

### **[How to fullproof your CSS](#)**

Introducing a way to check your stylesheet selectors for redundancy, optimize CSS and serve cleaner files to the end user.

### **[Understanding the C in CSS](#)**

This simple tutorial explains the cascading feature of CSS. Useful for those starting out with CSS or if you need a refresher.

### **[Get started with the Eclipse Platform](#)**

Find out about the Eclipse Platform, including its origin and architecture. Starting with a brief discussion about the open source nature of Eclipse and its support for multiple programming languages, we demonstrate the Java development environment with a simple programming example.

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## **[Create Your Own Customized Linux Kernel](#)**

Here are three articles that explain and describe the process of creating your own Customized Linux Kernel. You may want to do this for a number of reasons, including these: to access extra functionality, to remove unneeded features, to obtain better performance, to assist with testing new Linux patches, or because you want to know and understand more about how the Linux kernel works and is compiled. I think you will discover that it's fun to build a kernel that is created only your CPU and supports only the hardware and specific features that you want it to.

## **[Linux: Custom Kernels Trim Fat and Tune Performance](#)**

This is a 2 page article that describes, at a high level, the process of customizing a Linux kernel for your needs. With not a lot of effort, you can build a better Linux kernel than what came with your Linux distribution, and one that's tuned to your hardware's needs. You can get freshly-baked kernels and the latest patches from [Kernel.org](http://Kernel.org). These are called vanilla kernels because this is where the original, unmodified kernels live. Then you need to assemble your build environment. Both Fedora and Debian make this easy.

## **[Linux: Custom Kernels with Debian and Fedora](#)**

Fedora and Debian make building a custom kernel and packaging it for rollout a simple process. This article shows you how to use Debian and Fedora to customizing your Linux kernel. It explains and reviews some of the many kernel compilation options you need to consider.

## **[Compiling a Custom Linux Kernel](#)**

- [Intro and Gathering Information](#)
- [Part 2 - Preparing the Source Tree](#)
- [Part 3 - Configuring the Kernel Source](#)
- [Part 3 Continued - Configuring the Kernel](#)
- [Part 4 - Building the Kernel](#)
- [Part 5 - Installing the Kernel](#)
- [Part 6 - Editing the Boot Loader Configuration](#)
- [Reboot the Machine \(and Enjoy\)](#)

- [Appendix A - Patching the Kernel Source](#)
- [Appendix B - Building a 2.6 Kernel](#)
- [Appendix C - Additional Notes as 2.6 Develops](#)
- [Appendix D - Using the Initrd](#)

This article describes in a detailed, step-by-step approach, how to build a custom Linux kernel for your server or desktop machine. You will learn how to optimize the kernel for your computer's processor, and make the kernel only support the drivers and features that you require. You also may want to add support for a Linux feature that is missing from your distribution's kernel, or to get a some hardware to work correctly. Your finished Linux kernel will be smaller in size, it will run faster, and it will have all the fixes and enhancements found in the latest stable version.

Here are some more Linux Kernel Resources:

- [Debian Kernel Handbook](#)
- [KernelNewbies.org](#)
- [Kernel.org](#)
- You may want to try the [dphys- kernel-packages](#) package for creating configuration files for automating the creation of custom kernels

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## [Building a Xubuntu Linux Server, Intalling LAMP on Ubuntu, and a Linux Cheat Sheet](#)

Here are three helpful Linux learning documents that recently were posted on the web: 1) a **2-part Guide on How to Build a Linux Server**, 2) a **2-part Tutorial on Installing and Configuring LAMP on Ubuntu**, and 3) a **Linux Command Cheat Sheet**.

### 1) [Guide on How to Build a Linux Server - Part 1](#)

This 2-part tutorial guide will show you how to build a home file server running Xubuntu Linux, with a web interface, bit-torrent, and accessible from anywhere. It needs to be fast, extensible, and flexible. One of the strengths of Linux is it's a great OS to run on low power and older hardware. That's because the strength of

Linux lies in its Command Line Interface (CLI). Because many things in Linux are done through the editing of small files, there is often no need for a GUI interface. With a relative small number of commands you can totally change the functioning of a Linux system. CLI isn't hard to learn and the Linux "man" pages provide a convenient way for learning it,.

This illustrated Linux tutorial shows and demonstrates how to install a Linux home file server, with remote administration, running without a monitor. Also, a web-based P2P solution is set up to run on the box. This tutorial also gets into the area of scripting. Scripting is one of the features that Linux has over Windows, as most tasks can be automated through scripts.

- [Xubuntu](#)
- [Fire It Up](#)
- [File Sharing \(Samba & proFTPd\)](#)
- [FTP Server](#)
- [Remote Administration \(x11VNC & SSH\)](#)
- [P2P \(Torrentflux via Apache, MySQL, PHP\)](#)
- [An Introduction to Scripting](#)
- [Conclusion](#)

## **[Build Your Own Xubuntu Linux Server - Part 2](#)**

The second part provides details for some more server applications, such as Webmin, SFTP and making the server reachable from the Internet.

- [Using Webmin](#)
- [Share some more and Cleaning up](#)
- [Open another Port and sFTP/SCP](#)
- [De-bling-anize](#)
- [Wrapping Up](#)

## **2) [Installing and configuring LAMP on Ubuntu - Part 1](#)**

In this multi-part article, I'm going to be showing you how to install the popular LAMP stack - that's Linux, Apache, the MySQL database system and PHP (in this example, although you can have Perl, Python etc. instead) for running your own website or web development server.

## **[Installing and configuring LAMP on Ubuntu - Part 2](#)**

- Changing your homepage and adding content
- Testing that PHP is working
- Installing PHPMyAdmin
- Installing web applications (WordPress)

3) Here is a one page [Unix/Linux Command Reference cheat sheet](#) that will help you get along on the command line.

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## [Presentations from the O'Reilly Open Source Convention 2007](#)

The **O'Reilly Open Source Convention 2007**, held from July 23-27, 2007 in Portland, Oregon, is now history. Many excellent sessions covering various Open Source technologies were presented at this convention. The 53 sessions below are those that made their presentation files [publically available](#).

[A Taste of Haskell](#)

[Download presentation files](#)

[Advanced Effects in Java Desktop Applications](#)

[Download presentation files](#)

[Advanced Production Troubleshooting](#)

[Download presentation files](#)

[Advanced Spring Framework](#)

[Download presentation files](#)

[Apache Geronimo: The Little Application Server That Could](#)

[Download presentation files](#)

[Apache Velocity: The Java Templating Engine](#)

[Download presentation files](#)

[Applying Open Source Methodology to IT Examinations](#)



[Download presentation files](#)

[Automatic Parallelization with GCC](#)

[Download presentation files](#)

[Beyond the Padlock: Browser Security UI for the Distracted](#)

[Download presentation files](#)

[Bytecode Translation: From .Net to Parrot](#)

[Download presentation files](#)

[Copyright Regime vs. Civil Liberties](#)

[Download presentation files](#)

[Creating a Linux-based Software Appliance for SMBs](#)

[Download presentation files](#)

[Current State of the Linux Kernel](#)

[Download presentation files](#)

[Databases Don't Matter](#)

[Download presentation files](#)

[DHS Open Source Scans: One Year Later](#)

[Download presentation files](#)

[Everything I Needed to Know to be a Successful Linux Kernel Developer I  
Learned in Kindergarten](#)

[Download presentation files](#)

[Generating Gorgeous Word Documents, PDFs, and Excel Spreadsheets](#)

[Download presentation files](#)

[High-performance JavaScript: Why Everything You've Been Taught is Wrong](#)

[Download presentation files](#)

[Improving the Embedded Development Process](#)

[Download presentation files](#)

[LINA: Cross-platform Linux Binaries](#)

[Download presentation files](#)

[Machine Learning Made Easy with Perl](#)

[Download presentation files](#)

[Mahara: Putting Thought into ePortfolios](#)

[Download presentation files](#)

[Memory Leaks in Java Applications: Different Tools for Different Types of Leaks](#)

[Download presentation files](#)

[Mozilla Firefox and the Internet as an Open Platform](#)

[Download presentation files](#)

[Nested Data Parallelism in Haskell](#)

[Download presentation files](#)

[Next Generation Data Warehousing: Using Open APIs for Embedding Massively Parallel BI Analytics into the Data Warehouse](#)

[Download presentation files](#)

[Open Design, Not by Committee](#)

[Download presentation files](#)

[Open for Business...on the Fringes](#)

[Download presentation files](#)

[Open Source on the O'Reilly Radar](#)

[Click To Play](#)

[Open Source Voting](#)

[Download presentation files](#)

[OpenNMS Case Studies](#)

[Download presentation files](#)

[OSGeo: All About Maps - Aaron Racicot](#)

[Download presentation files](#)

[OSGeo: All About Maps - David Percy](#)

[Download presentation files](#)

[Outfitting for Multi-core Parallelism](#)

[Click To Play](#)

[Overcoming Bias](#)

[Click To Play](#)

[Para-partitioning](#)

[Download presentation files](#)

[Playing by the Rules: Getting Corporate Blessing to Use Open Source Software](#)

[Download presentation files](#)

[PostgreSQL Gems: Running Perl and Ruby Inside the Database](#)

[Download presentation files](#)

[Programming for Everybody: CP4E](#)

[Download presentation files](#)

[Programming with SQLite](#)

[Download presentation files](#)

[Recent Research on Community Participation in Software Documentation](#)

[Download presentation files](#)

[Super-sizing YouTube](#)

[Download presentation files](#)

[The Processing Development Environment](#)

[Click To Play](#)

[Transactional Memory for Concurrent Programming](#)

[Click To Play](#)

[Untangling the Web: Dealing with Legacy PHP Code](#)

[Download presentation files](#)

[What Do You Mean, Marketing? Promoting Open Source Projects](#)

[Download presentation files](#)

[Wrapping Your Own Live CD](#)

[Download presentation files](#)

[ZFS: Bringing Terabytes Under Control](#)

[Download presentation files](#)

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## [\*\*102 SQL Server 2005 Tutorials and Articles\*\*](#)

Here are 102 SQL Server 2005 Tutorials and Articles. These will help you set up, administer, and maintain SQL Server 2005. Many features and functionality for this database server are covered and taught by these tutorials.

[SQL Server 2005 Technical Articles](#)

[SQL Server 2005 Compact Edition Technical Articles](#)

[SQL Server 2005 Express Edition Technical Articles](#)

[More SQL Server 2005 Articles and Tutorials](#)

[Glenn Berry's SQL Server Performance Blog](#)

## **2 Articles on Migrating from SQL Sever 2000 to SQL Server 2005**

- [Lessons learned from upgrading from SQL 2000 to SQL Server 2005](#)
  - [Getting SQL 2000 databases to SQL 2005](#)
- 
-

### 3) New Free Computer IT Books, Publications & Book Sites:

Some of these web resources will be added to our Free IT Books page at [Intelligentedu.com/free\\_computer\\_books.html](http://Intelligentedu.com/free_computer_books.html) and some will be added to our [members site](#).

#### [eBooks from betah.co.il](#)

Here are many freely available [eBooks from Betah.co.il](#). This site provides links to approximately 2,500 ebooks covering many areas, as listed and linked to below. Some of these topics include the following: databases, graphics and design, hardware, project management (IT), networking, Windows, Linux, programming, web development, web applications, security, software and MS Office, and software engineering.

- [Business](#)
- [Career](#)
- [Databases](#)
- [Design and Graphics](#)
- [Economics](#)
- [Education](#)
- [Finance](#)
- [Game Guides](#)
- [Hardware](#)
- [IT](#)
- [Journals](#)
- [Management](#)
- [Marketing and Selling](#)
- [Networking](#)
- [Operating System](#)
- [Photography](#)
- [Programming and Application Development](#)
- [Science](#)
- [Security and Hacking](#)
- [Software and MS Office](#)
- [Software Engineering](#)
- [Web Programming](#)
- [WorkShops](#)

## **32 Web App, Server, and Database eBooks**

Here are 32 web application, server, and database ebooks available from [hostingmania.co.yu/How to](http://hostingmania.co.yu/How to). These ebooks include cover mostly open source server and database topics, such as Apache, Bash Shell, MySQL, Network Administration, Postfix, Sendmail, Web Applications with PHP and MySQL, LAMP, Linux Commands, Securing and Optimizing Linux, and Linux System Administration.

### eBooks Topics:

Advanced Bash Shell Scripting (pdf)  
Apache Server eBook (pdf)  
Building and Managing VPN's (pdf)  
Anti-Spam Gateway Using Openbsd, Postfix, Amavisd-New, Spamassassin, Razor And Dcc (pdf)  
MySQL eBook (pdf)  
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Securing and Optimizing Linux RedHat (pdf)  
Securing and Optimizing Linux (pdf)  
Shell Programming (pdf)  
System Administrator Guide (pdf)

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## **120 Computer and Network Security eBooks**

This web repository contains 114 [Computer and Network Security eBooks](#), along with six Data Mining ebooks. These security ebooks cover Cisco certification preparation and security related to Networking, Windows, .Net, Java, J2EE, Unix, PHP, Oracle, Apache, Web sites, XML, Assembly. These will help you understand how to effectively secure your I.T. infrastructure, software and web applications from threats and attacks.

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Windows System Programming (chm) 2.3M  
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Knowledge Based Clustering From Data to Information Granules (pdf) 5.6M

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[Free-ebooks-download.org](#) provides links to freely available ebooks covering Microsoft .NET Framework, C# programming, VB.NET, [ASP.NET](#), [ADO.NET](#), MCSD, Web Services, SQL Server, and AJAX web application development. This site says it only lists the best and important ebooks in these categories. Topics available as follows:

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[ASP.NET](#)

[MCSD.NET](#)

[SQL Server 2000 and 2005](#)

[MCTS](#)

[.NET 2.0 Framework](#)

[Compact Framework](#)

[WebServices](#)

[SharePoint Portal](#)

[Crystal Reports](#)

[Exchange Server](#)

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## **[Lots of Books from FreeSoftwareBooks.com](#)**

Here is [FreeSoftwareBooks.com](#), a site that contains links to several thousand freely available technical, computer, and I.T. books on the web. I am currently

checking the links and will report tomorrow on how many are good and how many are broken. These books cover many technical categories, including Java, J2EE, and Web application development; Linux, Unix and Windows operating systems; Oracle, MySQL databases; and several computer science and advanced topics.

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## **Microsoft**

[.NET and C# Programming](#)

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## **Xpressionsz eBooks Heaven**

Here is [Xpressionsz - The eBooks Heaven](#). This site calls itself the internet's biggest and best collection of ebooks. They do have a very large selection of over 7,000 freely available ebook pages on their site, with many categories to select from. One thing that is different about this site is that the links are not actually hyperlinks that will take you to the ebooks, but instead only text links, meaning you have to copy and paste them into your browser. Also, some of the links are truncated by the browser's table rendering, so to get them you need to look at the web page's source code.

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- [Programming](#) (1597)
- [Multimedia & Designing](#) (771)
- [Networking](#) (621)
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- [CBT & Video Training](#) (113)
- [Tutorials](#) (10)
- [Web Design&Development](#) (315)

## 4) University Computer Science Course Sites Free to Browse and Study:

These web sites will be added to our Free University IT Course Webs page at [intelligentedu.com/cat3.html](http://intelligentedu.com/cat3.html)

### [University of Washington's MSIS 531 Course](#)

This course covers the development of server-side, web-based applications, the underlying foundation of most e-business activity. Its focus is on Java-based solutions (the J2SE/J2EE platform), with an emphasis on open-source solutions.

Here are the Lecture Notes:

Development [notes](#), JAX-WS 2.0 [build steps](#)

Web services slides ([2/page](#), [3/page](#))

AJAX slides ([2/page](#), [3/page](#))

Reading notes ([SADN Ch. 1-5](#))

Development [notes](#), [Spring examples](#), [Spring libs xerces jar](#)

W3Schools.com [CSS tutorial](#)

Java design patterns: [blueprints site](#), [Wikipedia](#)

Patterns/Java slides ([2/page](#), [3/page](#))

Spring intro slides ([2/page](#), [3/page](#))

SADN localhost URLs: [Chapter 2](#), [Chapter 3](#)

Reading notes ([HADN Ch. 1-4](#))

Development [notes](#)

Session 3 catchups ([2/page](#), [3/page](#))

Hibernate slides ([2/page](#), [3/page](#))

MyPetstore [dev notes](#), [source article](#), [Tiles/JSF integration](#)

Development [notes](#)

JDBC overview slides ([2/page](#), [3/page](#))

Reading notes ([JJ Ch. 26](#), [CJSF Ch. 1-4](#))

Development [notes](#), [examples](#)

Servlet overview slides ([2/page](#), [3/page](#))

JSF overview slides ([2/page](#), [3/page](#))

Reading notes ([JJ Ch 1-8, 10](#))

[Development setup](#)

Links: [Gosling interview](#), [beyond Java](#), [Java performance](#)

Class overview slides ([2/page](#), [3/page](#))

J2EE overview slides ([2/page](#), [3/page](#))

Java intro slides ([2/page](#), [3/page](#))

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## [CIS700 Emerging Technologies](#)

This course, from the University of Pennsylvania, covers the following emerging technologies: Wikis (pmWiki), Ruby, Rails, Ajax, and Social Networking. The course notes and slides follow:

Ajax Slides (Powerpoint):

- [Ajax](#) (Pat's site)

- [Ajax](#)
- [XML](#)
- [MVC and web applications](#)
- [HTTP handouts](#)
- [HTML handouts](#)

Here is the [Ajax Exam with answers](#).

HTML and JavaScript slides (Powerpoint):

- [HTML and Forms](#)
- [JavaScript I](#)
- [JavaScript II](#)
- [JavaScript III](#)
- [JavaScript and HTML](#)
- [JavaScript Examples](#)

A Concise Introduction to JavaScript:

- [Part I: The Core Language](#)
- [Part II: Client-side JavaScript](#)

[A Concise Introduction to Ruby](#).

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**5) The Best Suggested Sites from our Website Users** - Every month we feature the best suggested IT training and tutorial sites from our website visitors. Here are this month's sites:



## [Network and Telecom Dictionary and Encyclopedia](#)

Networking Technology Articles and [Terms](#), Telecom Encyclopedia and Dictionary, Computer Hardware and Software. Here are the category pages:

- [How To](#)
- [Protocols](#)
- [Networking](#)
  - [Applications](#)
  - [Architecture](#)
  - [Operation & Management](#)
  - [TCP/IP](#)
  - [LAN](#)
  - [MAN](#)
  - [WAN](#)
  - [SAN](#)
  - [Systems](#)
  
- [Telecom](#)
  - [Architecture & General Tech](#)
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  - [Operation & Management](#)
  - [Protocols and Standards](#)
  - [Systems](#)
  - [Tele-Communication \(Telecom\) Terms Glossary and Dictionary](#)
  
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  - [Wireless LAN](#)
  - [Mobile Wireless](#)
  - [Others](#)
  
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  - [Architecture](#)
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  - [Networking Software](#)

- [Operating Systems](#)
  - [Other Software](#)
  - [Computer Programming Software Terms, Glossary and Dictionary](#)
  
  - [Hardware](#)
    - [General Technologies](#)
    - [Components & Sub-systems](#)
    - [Systems](#)
    - [Computer and Networking Hardware Dictionary](#)
  
  - [Security](#)
    - [Vulnerabilities](#)
    - [Technologies](#)
    - [Protocols](#)
    - [Policy/Operation](#)
    - [Solutions](#)
    - [Information, Computer and Network Security Terms, Glossaries Dictionary](#)
- 

## [Center for Software Testing Education & Research](#)

This site's mission is to "Create effective, grounded, timely materials to support the teaching and self-study of software testing, software reliability, and quality-related software metrics."

- You will find Free software testing course videos on the [Black Box Software Testing course page](#) and [Moodle at Satisfice](#) (enrolment key = whitebox for the BBST Public Course).
- Here are the author's [collection of course notes](#) from both academic and professional courses on software testing.
- This section contains [software testing articles and papers](#) by the members of CSTER.
- Here are links to various [software testing conference materials](#).

Another good software testing resource site is [Satisfice](#), which is dedicated to teaching and consulting in software testing and quality assurance. This site hosts [test methodology documents](#), [testing articles](#), and [testing presentations](#) that will help you become a better and more efficient tester.

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## 6) New Computer & IT Training & Tutorial Link & Resource Sites:

These web sites will be added to our IT Links and Resources page at [Intelligentedu.com/cat6.html](http://Intelligentedu.com/cat6.html)

### [Computer Science Directory](#)

This directory is developed as a project to list computer science links and articles with high quality.

[Artificial Intelligence](#) (76) - [Applications](#) · [Computer Learning](#) · [Game AI](#) · [Philosophy](#)

[Hacking](#) (151) · [Cracking](#) · [Cryptography](#) · [Exploits](#) · [Forums](#)

[Operating Systems](#) (381) - [Boot managers](#) · [File systems](#) · [Linux](#) · [Microsoft Windows](#)

[Security](#) (1028) - [Advice and patches](#) · [Biometrics](#) · [Firewalls](#) · [Internet](#)

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[Mathematics](#) (278) - [Algebra](#) · [Directories](#) · [Forums](#) · [History](#)

[Programming](#) (4837) - [Algorithms](#) · [Cryptography](#) · [Language Comparison](#) · [Languages](#)

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## 7) I.T. Sites and Free Downloads Worth Mentioning:

*The following programs are totally Free, no popups, no adware, no spyware, and no shareware.*

### **Servant Salamander 1.52**

Servant Salamander is a free two-pane file manager for Windows. It features include:

- Two independent panels with directory listings.
- Directory listings always up to date.
- Hotkeys for all functions.
- Command line for executing arbitrary commands through the system shell.
- Support for long filenames, file type associations, and compression on NTFS volumes.
- Internal viewer for up to 2 GB files with text and hex modes.
- Executable file about 340 KB (very fast execution).
- Easy handling even with files over 4 GB.
- Changing case of filenames.
- Very fast file search and find.
- User menu for all selected files and directories.

[Download](#) (207 kB)

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## **UnClean 2.0**

UnClean (Uninstall Cleanly) gives you access to all available uninstall information from the Windows Registry. It lets you remove, change, or repair programs in the same way Add/Remove Programs does. It also lets you delete an uninstall entry if you discover that it is no longer valid. For each program, it lists the size of the installation, install date, publisher's name, URL for tech support, and more.

[Download](#) (872 kB)

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## **WinsockXP 1.2**

WinSock XP Fix offers a last resort if your Internet connectivity has been corrupted due to invalid or removed registry entries. It can often cure the problem of lost connections after the removal of Adware components or improper uninstall of firewall applications or other tools that modify the XP network and Winsock settings. It has the ability to create a registry backup of your current settings, so it is fairly safe to use.

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## **EasyAdmin 1.6.4.4**

This little application will assist you in navigating through and managing the settings and properties of Windows 2003 Server and Windows XP.

[Download](#) (250 kB)

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## **TuneXP 1.5**

This is a new and powerful Windows XP tweaking utility. This program provides the unique ability to tweak the following: ultrafast boot (rearrange boot files); boot folder defragmentation; prefetch folder cleaning; DNS cache optimization; and file allocation size tweak. There's more, it also includes other performance tweaks, which will make your Windows installation run faster, as well as Windows Service configuration.

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## **DeluxeFTP 6.0.1**

DeluxeFTP is a fast, 100% free, and multi-threaded Windows FTP client. Simple enough for any beginner and features advanced enough for expert users. Does not force you to view ads, registration reminders or unwanted e-mail advertisements. Features include Explorer look & feel, custom FTP commands, connection wizard, dockable windows, works with entire folders, proxy support, full drag & drop support, concurrent downloads, folder bookmarks, resume file transfer, and automatic retry.

[Download](#) (240kB)

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## **8) Question of the Month about Technical Training:**

Each month Scott Turton will answer a current or important question that we have received about computer and IT training and career development.

## August 2007 Question of the Month:

What is your opinion about Linux being ready for the desktop?

### Answer:

I just ordered and received last week a new Dell E1505 notebook running Ubuntu Linux, and I am very happy with it. I have not had any difficulties setting it up with the applications I need to run. I will be installing VMWare (at no cost) and running Windows XP on it for a few applications that are still not available for Linux, such as Adobe Acrobat.

I believe Linux is ready for the desktop for many, if not most, computer users. More and more articles are appearing, such as this recent one, [Desktop Faceoff: Fedora vs. Vista](#). Microsoft's Vista operating system is not being met with great applause and more and more computer users are looking for alternatives to Windows for various reasons. One of these alternatives is Linux, which has virtually all the software that most people need to do the things they normally do on their Windows desktops. Some of the advantages of using Linux include: a secure system without DRM restrictions and spyware issues, it works even on old hardware, freedom from all viruses and malware, and all the software in a Linux distribution is available for free. The following are some articles and how-to guides for getting your desktop computer up and running with Linux.

### Linux.about.com articles:

- [Linux Advantages](#)
- [Linux, the Ultimate Unix](#)
- [Linux Distributions: How to Choose One](#)
- [CD-Based Linux Distributions](#)
- [Install Red Hat Linux - Configuring a Dual-Boot System](#)
- [More Linux Distros](#)
- [Which One to Choose?](#)
- [Distro Top Picks](#)

### [The Perfect Desktop - PCLinuxOS 2007](#)

This tutorial explains how to set up a PCLinuxOS 2007 desktop that is a full-fledged replacement for a Windows desktop

### [The Perfect Desktop - Ubuntu 7.04 Feisty Fawn](#)

Learn how to set up a Ubuntu 7.04 Linux desktop that fully replaces the Windows desktop.

### [The Perfect Desktop - Fedora 7](#)

This tutorial shows how you can set up a Fedora 7 desktop that is a full-fledged replacement for a Windows desktop.

### [The Perfect Desktop - Debian Etch \(Debian 4.0\)](#)

How to set up a Debian Etch (Debian 4.0) desktop that fully replaces the Windows desktop.

### [The Perfect Desktop - Mandriva 2007 Spring Free \(Mandriva 2007.1\)](#)

How to set up a Mandriva 2007.1 desktop that fully replaces the Windows desktop.

I hopes this help you.

Scott Turton

Site Editor

<http://www.intelligentedu.com>

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## **9) Please Support Our Training Mission**

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**Computer Education, Training, & Tutorial Resources**

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A free and member-based I.T. educational and training portal web site. We have compiled, categorized, described, and linked many, many sites that will be of keen interest to computer science students and instructors and others seeking free training and knowledge about computers. All areas are covered, from programming to systems administration to networking to the internet. You are able to study and learn all about computers and I.T. via Free training, courses, tutorials, books, guides, documentation, articles, tips, notes, and help. Also offered are free technical training tutorials co-branded with [Freeskills.com/](http://www.freeskills.com/). Check us out today.

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Our Members' Site contains the web's best computer and IT training resources and tutorials. This content is individually linked and presented in a way to expedite and facilitate your IT learning experience. We have done all the web research and presentation work for you so you can concentrate solely on your computer training.

Intelligentedu.com Member Site FAQ Answers:

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2. If you use a credit card when joining, you may choose to be billed by PayPal, or you may purchase from 2checkout.com, our authorized retailer, whichever you choose.
3. You have a choice to select the non-recurring or recurring method of payment. If you select non-recurring, when your membership period expires, you will not be automatically charged another fee on your credit card or check.
4. If you are looking for training and tutorials covering popular software such as Microsoft Office, Flash, Photoshop, Dreamweaver, Web Development, Windows and Computer Hardware, please see our sister site, <http://www.EducationOnlineForComputers.com>

The total price to join our member's site is only \$15.00 total for 2 months, \$25 for 4 months, \$34 for 6 months, or \$59 for a whole year. The funds generated will assist us to help all those seeking IT education and application development training.

Here's the link to see what's available on our member's site and to sign up:

<<http://www.intelligentedu.com/sign-up/index.html>>. You can email Scott Turton with questions at [scott\\_turton@intelligentedu.com](mailto:scott_turton@intelligentedu.com).

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