Be sure to check out our new Blogs and discover all the new Free Training!

Newsletter for Computer IT Education, Training & Tutorial Resources

*** ISSUE #67 - May 2007 ***

Intelligentedu.com

formerly 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/newsletter67.html

Newsletter Archives are here:
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 May 2007 issue (#67) 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 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 92 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** 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** 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

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

Warm Regards,
Scott Turton
Newsletter Editor and Webmaster
scott_turton@intelligentedu.com
http://www.intelligentedu.com/

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

***** Become a Member of 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.

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.

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

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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

*** 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

*** 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 (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, our Free IT Tutorials and Guides page at 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:

Search!

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

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!

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.

Free SCJP Practice Exams and Java Tutorials

Javaprogrammingworld.com provides some good free Java training, learning, and study content covering several Java areas, including Sun's SCJP Certification, Java Beans, Java Coding Standards, Java Design Patterns, XML Programming in Java, JSP, Struts, and Java Interview Questions. SCJP is the Sun Certified Java Programmer certification which tests your knowledge of J2SE technologies and programming knowledge and skills on the Java platform. Types of learning materials here include the following: Java certification mock exams, Java practice tests, Java programming tutorials, Frequently Asked Questions (FAQs), and sample Java code. This site mainly cover the SCJP 1.4 exam (310-035), but also contains tutorials and training content for the SCJP 5.0, SCWCD, and SCEA Sun certification exams.

SCJP Mock Tests

» Language fundamentals
» java.lang
» Declarations and Access Control

» Object Oriented Programming
» Exception Handling
» Java AWT
» Input Output
» Collections
» Garbage Collection
» Threads

Java Programming Tutorials with Source Code

» Java Numbers Tutorial (Programming Examples)
» J2EE Web Application Tutorial (with source code)
» Java Strings Tutorial (Programming Examples)
» Java JDBC Tutorial (Java Programming Example)
» Java Faqs
» Java Enums
» Java Coding Standards

Java Eclipse Tutorials

» Eclipse Tutorial

IBM Java Tutorials (pdf format)

» Java Collections Framework
» Introduction to Java IO
» Understanding the Java Class Loader
» Enterprise Java Beans Fundamentals
» Java Certification Success: Part 1 (SCJP)
» Java Programmer Certification Notes
» Java Design Patterns
» XML programming in Java technology, Part 1
» XML programming in Java technology, Part 3
» XML programming in Java technology, Part 3
» Understanding DOM
» Introduction to Threads

JSP Tutorials

» Introduction to Java Server Pages technology
» A 26 page JSP Tutorial
» JSP Basics

J2EE Tutorials

» Brief note of Design Patterns
» XML Programming in Java
» Java Struts Tutorial

PL/SQL Tutorials

» PL/SQL tutorial 1
» PL/SQL tutorial 2
» PL/SQL tutorial 3
» PL/SQL tutorial 4

Sun Certified Java Programmer Resources

» SCJP 1.4 Certification Exam Objectives
» SCJP 5.0 Certification Exam Objectives
» Study Notes for Sun Certified Programmer, SCJP for Java 2 Platform
» SCBD Beta Exam Information and Mocks
» Questions & Answers To Sun Certified Programmer for Java 2 platform (Exam 310-025)
» Sun Certified Web Component Developer For J2EE Platform Objectives
» SCJP 2 Study Guide
» SCJP 5.0 Tutorials by Boot
» SCWCD Resources
» SCEA Resources
» SCJP Tutorial

Other Java Frameworks

» Java Spring Framework
» Java EJB Architecture
» Jakarta Struts
» EJB Notes
» Struts tutorial
» Enterprise Beans Tutorial
» Best Practices in EJB
» JMS Notes

Java Design Patterns

» Java Design Patterns

Technical Interview Questions

» Technical Interview Questions
» JMS Interview Questions

» EJB Interview Questions

AJAX: Selecting the Framework that Fits

Here is a good AJAX article, from ddj.com, that will help you to choose the **correct AJAX framework** for your project and environment. An appropriate AJAX framework will make it easier to develop applications and test them. Selecting one can potentially take a lot of time due to research and testing them out. The authors looked at several AJAX libraries, and give you their experiences and recommendations for choosing an AJAX framework and library that will be a good fit for your web applications.

» 2 - Evaluating AJAX Frameworks
» 3 - Building the Prototypes
» 4 - Compare Ease of Development
» 5 - Making the Final Decision

JR's JavaScript Tutorials

Here are JR's JavaScript Tutorials, which is a set of excellent JavaScript tutorials that teach you many of the features and usages of this important web scripting language. Some of the topics covered by these Javascript tutorials are: Objects, Events, and Functions, DOM, DHTML, Animation, Multimedia, Cookies, Menus, Forms, Strings, Debugging, Regular Expressions, and User-defined Objects.

JavaScript Tutorial Table of Contents:

- JavaScript Authoring Information
- 1 - Basic Display

- 2 - Objects, Events, and Functions
- 3 - Core Language
- 4 - DOM and DHTML
- 5 - DOM GrabBag
- 6 - Animation & Multimedia
- 7 - Cookies
- 8 - Menu Systems
- 9 - Working with Forms
- 10 - Dynamic Form Examples
- 11 - Form Validation
- 12 - String Validation
- 13 - Debugging
- 14 - Regular Expressions
- 15 - User-Defined Objects
- Javascript Appendices

Here are **2 C / C++ Tutorials** that will help your coding techniques with these languages:

- When writing list management code, it is necessary to be able to swap data elements. This tutorial looks at ways to use **Swapping Techniques C Programming.**

- **An Introduction to XML Data Binding in C++** - XML processing has become a common task that many C++ application developers have to deal with. Using low-level XML access APIs such as DOM and SAX is tedious and error-prone, especially for large XML vocabularies. XML Data Binding is a new alternative which automates much of the task by presenting the information stored in XML as a statically-typed, vocabulary-specific object model. This article introduces XML Data Binding and shows how it can simplify XML processing in C++.

Top 6 Programming Diggs in last 30 days

Here are what I judge to be the Top 6 Digg Programming posts in last 30 days - these learning resources provide free training content and tutorials covering web application development.

The Standards Way to Do Dynamic Data

Somewhere in between presenting static information graphics and complex, interactive data dashboards there's a need for a way to visualize moderately dynamic data on the web. Oftentimes the solutions you see implemented are clunky, for example, manually creating multiple frames of various data points and uploading them by hand. More…

Top 5 Javascript Frameworks

A list of the top 5 javascript frameworks and features. More…

The Javascript Programming Language

"Excellent presentation and great insight on the history and basics. Douglas rocks, yahoo is real lucky to have him!" More…

Learn to Ruby: 74 Quality RoR Resources and Tutorials

As is the case with every language, learning Ruby on Rails from scratch can be quite a pain. We've compiled a list of the best Rails resources the Web has to offer, covering installation (both manual and automatic, plus web hosts), tutorials (beginner and advanced topics), books, blogs, forums, cheat sheets, code snippets and API documents. More…

8 Defensive Programming Best Practices to Prevent Breaking Your Sites

This article describes some software development best practices that have been used to prevent problems that can break Web sites. More…

Faster PHP Apps - Profile Your Code with Xdebug

Using Xdebug and WinCacheGrind or KCacheGrind to profile PHP script execution. More…

5,000 pages of Software and Computer Tutorials

Here are over 5,000 pages of Software and Computer Tutorials provided free by Gateway. You can select from a variety of tutorials to gain understanding about your computer and to learn how to use it more effectively and for more purposes. Topics covered by these computer tutorials include Hardware, Software, Storage, Networking, Internet, Multimedia, Gaming, Home Theater, and Windows.

PC Hardware

» Audio/VideoComputer Basics
» Desktops
» Laptops
» Components
» Peripherals
» Handhelds

Software

» Finance
» Graphics
» Internet
» Office
» Publishing
» Utilities

Storage and Networking

» Storage and Drives
» Networking

Internet and Email

» Basics
» News
» Online services
» Security
» Shopping

PC Multimedia and Gaming

» Digital Music
» Digital Video

» Image Editing
» MP3s
» PC Gaming
» Gaming Hardware

Home Theater
» Home Theater

Microsoft Windows
» Windows XP
» Windows 2000
» Windows NT
» Windows Me
» Windows 9x

Free Training and Books Chapters from Videotrainer

Videotrainer.com offers these free training modules as samples of their technical training. They also provide several free chapters covering various CompTIA, Cisco, and Microsoft certification exams.

Interactive Training Demos

- CompTIA A+
- CompTIA Server+ 2005
- Java J2EE
- MCSD.NET VS 2005
- MCSD.NET VS 2003
- MCDST
- MCSE 70-290
- Crystal Report Xi
- SQL 2005 DBA
- Cisco CCNA
- Microsoft Windows Vista End User

- Certified Ethical Hacker

Free Book Chapters:

- CompTIA A+ Certification
- CompTIA Network+ Certification
- CompTIA Security+ Certification
- CIT Exam 642-831
- BSCI Exam 642-801
- BCMSN Exam 642-811
- ICND CCNA Exam640-811
- Intro CCNA Exam 640-821
- BCRAN Exam 642-821
- MCSE 70-219
- MCSE 70-270
- MCSD 70-310
- MCSD 70-315
- MCSD 70-316
- MCDBA 70-228
- MCDBA 70-229
- 70-229 Exam course1
- 70-229 Exam course2
- 70-229 Exam course3
- 70-310 Exam course1

C# Online.NET

C# Online.NET is a free training and learning site for C#, .NET, ASP.NET, Database, Visual Studio, and Windows developers. It includes some excellent .Net Tutorials. .NET Articles, and many .NET learning resources. It claims over 2,473 pages covering the .NET framework, C# programming, ASP.NET coding, Database installation and administration, SQL Server administration, ADO.NET coding, Visual Studio usage, and Windows programming. Below are their tutorial topics.

.NET and C# Tutorials from C# Online.NET

- .NET Tutorial Articles
- C# Tutorials
- C# Tutorial Articles

ASP.NET, ADO.NET, SQL Server, Visual Studio Tutorials

- ASP.NET Tutorials
- ASP.NET Tutorial Articles
- Database Tutorial Articles
- Visual Studio .NET Tutorials
- Visual Studio Tutorial Articles
- Windows Tutorial Articles

Tutorials for MS Certified Technology Specialist Exams

Here are the Preparation Guides for Microsoft Certified Technology Specialist Exams hosted by CSharp-Online .Net. These **Exam Study Guides are Tutorials** to help you prepare to pass the Microsoft certification technology specialist (TS) exams for these .NET Framework 2.0 certifications: Windows-Based Client Development (70-526), Web-Based Client Development (70-528), and Application Development Foundation (70-536). Also included is the MSDN reference guides for these three exams, and below these are reviews by MCP Magazine of other Microsoft certification exams..

Preparation Guide for Exam 70-526

- Technology Specialist (TS) Exam 70-526:
  Microsoft .NET Framework 2.0 -Windows-Based Client Development
  - Microsoft Exam 70-526 Study Guide
  - MSDN Reference Guide for Exam 70-526

Preparation Guide for Exam 70-528

- Technology Specialist (TS) Exam 70-528:
  Microsoft .NET Framework 2.0 - Web-Based Client Development
  - Microsoft Exam 70-528 Study Guide
  - MSDN Reference Guide for Exam 70-528

Preparation Guide for Exam 70-536

- Technology Specialist (TS) Exam 70-536:
  Microsoft .NET Framework 2.0 - Application Development Foundation
  - Microsoft Exam 70-536 Study Guide
  - MSDN Reference Guide for Exam 70-536

MCP Magazine Exam Reviews

- 70-431 TS: SQL Server 2005 -- Implementation, Maintenance -- Exam 70-431: Covering the Bases
- 70-443 PRO: Designing a Database Server Infrastructure by Using SQL Server 2005 -- 70-443: New Generation, New Database Designer
- 70-301, Managing, Organizing, and Delivering IT Projects by Using Microsoft Solutions Framework 3.0 -- 70-301: Project Management the Microsoft Way
- Designing a Microsoft Exchange Server 2003 Organization -- 70-285: Design Exchange with Confidence!
- Implementing and Administering Security in a Windows Server 2003 Network -- 70-299: Security Troubleshooter
- 70-330, Implementing Security for Applications with Microsoft Visual Basic .NET -- 70-330 and 70-340: Sweating over Security
- 70-340, Implementing Security for Applications with Microsoft Visual C# .NET -- 70-330 and 70-340: Sweating over Security
- 70-271: Supporting Users and Troubleshooting XP -- 70-271: Desktop Support Challenge

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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 and some will be added to our members site.

Many Computer Ebooks and Online Books

Here a site that is hosting many computer ebooks and online books. You can find this book site using this **google search**. It is the first one listed and references flashdance.cx/books/.

Here are the areas and topics these ebooks and books cover:

Unix
Networking
Perl Scripting and Programming
Web Development and Programming
Java Programming and Application Development
Tcl and The Tk Toolkit
Unix Network Programming
Ansi ISO C++ Professional programmers handbook
Apache Server Survival Guide
Apache The Definitive Guide
Tuning and Customizing a Linux System
C++ Builder
CGI programming
Client-server computing
Unix Administration
Creating shockwave web pages
DNS and BIND
Essential CVS

Firewalls
Google Hacks
Fiber Optics Technicians Manual
BM Personal Computer Assembly Language Tutorial
Internet Core Protocols The Definitive Guide
Javascript Bible Gold
Kerberos The Definitive Guide
Learning Debian GNU Linux
Learn Linux
Learn Unix
Linux A Network Solution for Your Office
Linux
Linux programmers guide
Linux Shell Scripting Tutorial
Linux System Administrators Survival Guide
Managing NFS and NIS
Maximum Security A Hackers Guide to Protecting Your Site
Object-Oriented Programming Using CPP
Java
Learning Debian GNU Linux
Learning the bash Shell
Learning the Unix Operating System
Postfix the definitive guide
Practical Unix & Internet Security,
Running Linux
Server Load Balancing
Understanding The Linux Kernel
Unix backup and recovery
Perl for Sys Admins
Perl Quick Reference
PHP-MySQL Programming for the Absolute Beginner
PostgreSQL - Introduction and Concepts
RedHat Linux
Red Hat Linux Networking and System Administration
RHCE Red Hat Certified Engineer Linux (exam RH302)
Securing And Optimizing Linux Redhat
Using Perl for web programming
Standard C
Networking How To Own The Box
TCP-IP Illustrated
Learn C++ Programming
Learn C Programming
Learn Emacs

Learn Java Programming
Learn Perl Programming
Learn Shell Programming
Teach Yourself SQL Scripting
Learn TCP-IP Networking
Unix Tools
Unix System Administration - A Beginner's Guide
Unix System Administrators
Unix Internet
Using Samba
Solaris Solutions for System Administrators
Wireless Hacks

Find Free Ebooks with eBook Searchr

Here is a really nice customer search engine created from Google Co-op, named **eBook Searchr**. With this search form you can search for many different topics of free ebooks that can be downloaded through the resulting links it returns. This is one of the best ones I have found so far from Google Co-op, with which you can use google's vast internet database to mamke your own custom search engines based on the criteria and parameters you specify. To get back good ebook result links, just type keywords into the form below, such as "java", "linux", "oracle", "mysql", "programming", "c++", "network", "certification", "comptia", "mcse", "mcsd", etc. (without the double quotes), and click on the search button.

Search

Books and Ebooks from Kickjava

Here is **Kickjava.com/books**, a free ebook and book site that links to 7,500

technical, computer, and programming books and ebooks. These cover many areas, from programming to certifications to operating systems to databases, and networking. Below is an edited list of the topical pages at this site. Please note that some of the links no longer are working, but there are many that are good.

Free Book and Ebook Topics at Kickjava

310
390
640
801
811
821
Activex
Aix
Algorithm
Apache
Application_Development
Architecture
Area_Network
Array
Artificial
Artificial_Intelligence
Asp
Assembly
Bash
Basic_.Net
Bean
Best_Practice
Bluetooth
Borland
Bsd
Ccie
Ccna
Ccnp
Certificate
Certification
Certification_Study
Certified
Kernel
Languages_Programming
Ldap
Linux
Linux_Kernel
Linux_Security
Lotus
Lotus_Domino
Mcse
Microsoft
Microsoft_Exchange
Microsoft_Sql
Microsoft_Visual
Microsoft_Windows
Multimedia
Mvs
Mysql
Netware
Network
Network_Programming
Network_Security
Networked
Networking
Novell
Object_Oriented
Operating_System
Oracle
Pascal
Pattern
Pdf
Performance

Cisco
Cisco_Networking
Client_Server
Cluster
Clustering
Cobol
Code
Coding
Communication
Communications_Networking
Complete_Reference
Computing
Cookbook
Course
Cram
Crammaster
Creative
Cryptography
Data_Structure
Database
Database_Management
Db2
Dba
Debian
Debugging
Delphi
Design
Designing
Developer
Developing
Development
Distributed
Dns
Dot_Net
Driver
Eckel
Eclipse
Embedded
Performance_Tuning
Perl
Php
Pocket_Reference
Postgresql
Program
Program_Language
Programmer
Programming
Programming_Language
Programming_Manual
Programming_Microsoft
Python
Query
Quick_Reference
Redhat
Reference
Reference_Guide
Reference_Manual
Registry
Relational
Rh302
Rhce
Router
Routing
Ruby
Samba
San
Sap
Scripting
Scsa
Securing
Security
Sendmail
Server
Servlet
Slackware
Smalltalk

Encyclopedia
Engineer
Engineering
Enterprise
Eserver_Certification
Eserver_Iseries
Eserver_Xseries
Eserver_Zseries
Ethernet
Exam
Examforce
Exchange
Exchange_Server
Fedora
Firewall
Fortran
Framework
Freebsd
Gnu
Graphic
Graphics_Programming
Guide
Hack
Handbook
Hardware
Howto
Html
Ibm_Eserver
Iis
Information_System
Information_Technology
Infrastructure
Internet
Internet_Security
Internetwork
Internetworking
Iseries
Iseries_Server
Snort
Soap
Socket
Software
Solaris
Sql
Sql_Server
Ssh
Storage
Storage_Management
Storage_Server
Struts
Study_Guide
Sun
Swing
System_Administration
System_Administrator
Tcp_Ip
Tivoli
Tomcat
Training
Training_Kit
Tuning
Tutorial
Uml
Unix
Vba
Virtualization
Visual
Visual_Basic
Vrml
Web
Web_Application
Web_Design
Web_Development
Web_Programming
Web_Service
Weblogic

J2ee
Jakarta
Java
Java_Computer
Java_Programming
Javabean
Javascript
Javaserver
Jboss
Websphere
Win32
Window
Windows_Server
Windows_Xp
Wireless
Xml
Xsl
Zseries

Free Computer Book Sites listed by Google

Here is a **Google search** that returns and links to 7 sites (out of the first 10 results listed) that provide freely available computer and programming online books. These cover several areas, including: Java, JavaBeans, Java Servlets, Perl, Networking, Unix, Web Development, Web Design, Oracle PL/SQL, XML, Linux, Python, C++, VB.Net, ASP.Net, Ruby, and Apache.

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10 Ebooks on Linux and Solaris

Here are **10 Ebooks on Linux and Solaris** hosted by **ulitka.com/downloads/ebooks** covering Apache, PHP regular expressions, Linux tips and tricks, Linux admin and security, C++, Sun Solaris administration, Solaris file systems, Solaris security, and Unix text processing.

Ebook topics:

- Apache Guide (pdf)
- PHP Regular Expressions (pdf)

- Linux Tips And Tricks (pdf)
- Linux Administrators Security Guide (pdf)
- Linux From Scratch (pdf)
- Linux Network Administrator Guide (pdf)
- Linux (pdf)
- Linux (pdf)
- Thinking in C++ Second Edition (pdf)
- Sun Solaris Advanced Users Guide (806-7612) (pdf)
- Sun Solaris Advanced Administration (817-0403) (pdf)
- Sun Solaris Advanced Administration (817-260) (pdf)
- Sun Solaris Basic Administration (817-1985) (pdf)
- Sun Solaris Basic Installations (817-0544) (pdf)
- Sun Solaris Devices File Systems (817-5093) (pdf)
- Sun Solaris LDAP NIC DNS (816-4556) (pdf)
- Sun Solaris Security Services (816-4557) (pdf)
- Sun Solaris SysAdmin Network Services (816-4555) (pdf)
- Unix Text Processing Environment (pdf)
- Unix Text Processing (pdf)

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16 Web Development and Programming Ebooks

Here are 16 freely available web development and programming ebooks hosted at students.sabanciuniv.edu/~emrekaplan/ebook. Included here are 5 Java programming ebooks, 2 C programming ebooks, 1 JavaScript ebook, 3 C# programming ebooks, 3 ASP.NET ebooks, 1 Internet application development ebook, and 1 Engineering Math ebook.

Ebook topics:

- 21 Days Java (pdf)
- A to Z - C Programming (pdf)
- C Sharp How To Program (pdf)
- Java - Servlet and JSP Quick Reference (pdf)
- JavaScript (pdf)
- C Sharp (chm)
- Mathematics Fundamentals of Engineering Reference (pdf)
- Microsoft ASP dot NET 2.0 (chm)

- C Sharp Language Reference (chm)
- ASP dot NET (chm)
- C & Data Structures (chm)
- Java How to Program (pdf)
- Programming ASP.NET (chm)
- Software Engineering for Internet Applications (pdf)
- Java 2, volume i Fundamentals (pdf)
- Java 2, volume ii Advanced Features (pdf)

Learn C++ and C Programming

Here are 2 online programming books, one teaching you C++ programming and the other C programming.

Teach Yourself C++ in 21 Days

Week 1 at a Glance

- Day 1 Getting Started
- Day 2 The Parts of a C++ Program
- Day 3 Variables and Constants
- Day 4 Expressions and Statements
- Day 5 Functions
- Day 6 Basic Classes
- Day 7 More Program Flow
- Week 1 in Review

Week 2 at a Glance

- Day 8 Pointers
- Day 9 References
- Day 10 Advanced Functions
- Day 11 Arrays
- Day 12 Inheritance
- Day 13 Polymorphism

- Day 14 Special Classes and Functions
- Week 2 in Review

Week 3 at a Glance

- Day 15 Advanced Inheritance
- Day 16 Streams
- Day 17 The Preprocessor
- Day 18 Object-Oriented Analysis and Design
- Day 19 Templates
- Day 20 Exceptions and Error Handling
- Day 21 Whats Next
- Week 3 in Review

Appendixes

- A Operator Precedence
- B C++ Keywords
- C Binary and Hexadecimal
- D Answers

Teach Yourself C in 24 Hours

Part I - The Basics of C

- Hour 1 - Getting Started
- Hour 2 - Writing Your First C Program
- Hour 3 - The Essentials of C Programs
- Hour 4 - Data Types and Names in C
- Hour 5 - Reading from and Writing to Standard I/O

Part II - Operators and Control- Flow Statements

- Hour 6 - Manipulating Data with Operators
- Hour 7 - Doing the Same Thing Over and Over
- Hour 8 - More Operators
- Hour 9 - Playing with Data Modifiers and Math Functions
- Hour 10 - Getting Controls

Part III - Pointers and Arrays

- Hour 11 - An Introduction to Pointers
- Hour 12 - Storing Similar Data Items
- Hour 13 - Manipulating Strings
- Hour 14 - Scope and Storage Classes in C

Part IV - Functions and Dynamic Memory Allocation

- Hour 15 - Functions in C
- Hour 16 - Applying Pointers
- Hour 17 - Allocating Memory
- Hour 18 - More Data Types and Functions

PART V - Structure, Union, File I/ O, and More

- Hour 19 - Collecting Data Items of Different Types
- Hour 20 - Unions: Another Way to Collect Dissimilar Data
- Hour 21 - Disk File Input and Output: Part I
- Hour 22 - Disk File Input and Output: Part II
- Hour 23 - The C Preprocessor
- Hour 24 - What You Can Do Now

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16 Ebooks for C++, C#, and Visual Studio

Here are 16 Programming Ebooks covering C++, C# (C Sharp), Visual Studio, and Visual Basic .Net. There are 10 C++ ebooks and documents, 6 ebooks covering Visual Studio (2 with C#, 3 with C++), and 1 Visual Basic .Net ebook. Below is a list of the ebook topics.

Programming Ebook topics:

- Visual Studio .Net C# Study Guide (pdf)
- Visual C++ Tutorials (zip)
- ANSI C++ Programmer (pdf)
- Guide to Visual Basic.NET (pdf)
- Designing Components with the C++ STL (pdf)
- C++ ebook (pdf)

- C++ ebook (chm)
- C++ Builder (pdf)
- Visual Studio Dot Net 2003 ebook (chm)
- ANSI C++ ebook (pdf)
- Visual C++ ebook (pdf)
- Thinking In C++ Vol 2 (pdf)
- Visual Studio C++ .NET ebook (pdf)
- Visual Studio Net C# Reference Guide (pdf)
- C++ Tutorial (txt)

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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 Iintelligentedu.com/cat3.html

Free Java Lectures - Two Semesters of Java

For several years Tom Hunter has taught Java at various Universities around the US. Because students were constantly asking him for his Java lectures he has now created a free web site that contains his detailed Java programming and development lectures to support those courses.

Free Java Lectures - Two Semesters of Java **(Main site)**
Free Java Lectures - Two Semesters of Java (Mirror Site)

- Java I Lecture 1[Introduction]

- Java I Lecture 2
- Java I Lecture 3
- Java I Lecture 4
- Java I Lecture 5
- Java I Lecture 6
- Java I Lecture 7
- Java I Lecture 8 [Arrays]
- Java I Lecture 9 [Object Based]
- Java I Lecture 10 [OOP 1]
- Java I Lecture 11 [OOP 2]
- Java I Lecture 12 [Strings and Characters]
- Java I Lecture 13 [Graphics Java 2D]
- Java I Lecture 14 [GUI Part 1]
- Java I Lecture 15 [GUI Part 2]
- Java II Lecture 1 [Exceptions]
- Java II Lecture 2 [Threads]
- Java II Lecture 3 [Files & Streams]
- Java II Lecture 4 [JDBC]
- Java II Lecture 5 [Servlets]
- Java II Lecture 6 [JavaServer Pages]
- Java II Lecture 7 [JSP Taglibs]
- Java II Lecture 8 [Struts]

Java III Lecture 2 [Basic AJAX]

- Polymorphism Lecture 1
- Variables, Methods and Objects Lecture 2
- What is a primitive What is an object
- Thread Examples
- How To Implement Log4J
- Why It's Worth It to Develop With MyEclipse

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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:

Computer, Networking, and Hardware Tips

ComputerFreeTips.com provides free online Computer Tips, Networking Tips and Hardware Tips. It claims to offer over 10,000 computer, network, and hardware tips and techniques. These will help you handle and learn how to administer computers you need to control and use.

- PC Buying Tips
- Laptop Tips
- Windows Tips
- MS Office Tips
- Networking Tips
- Security Alerts
- IT Certification
- Database Tips
- Pc Troubleshooting
- System Tune-Up
- Registry Tips
- Internet Tips
- Cisco Router Tips
- Backup Tips
- Printing Tips
- PC Cleaning Tips
- Glossaries
- System FAQ
- DSL Tips
- Wireless Tips
- Cable Internet Tips
- Fiber Optic Tips
- ATM Tips

- ISP Tips
- Mobile Tips
- VPN Tips
- Projector Tips

Enterprise Authentication Review

AuthenicationWorld.com offers a review of the use of several types of security tokens used in enterprise authentication. It also makes available a free 3 minute Flash training program aimed at educating enterprise users of the dangers of email, instant messaging, phishing and pharming attacks and how to prevent them. Their topic pages are the following:

- Password Authentication
- Single Sign On Authentication
- Access Control Authentication
- Authentication-Enterprise Security
- Authentication Strength
- Authentication Transaction
- Authentication Management
- User Authentication
- Authentication Federation
- Biometric Authentication
- PKI Authentication
- Token Authentication
- Wireless Authentication
- Document Authentication

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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

101 Links for the IT Professional

This is a linked list with the best 101 Information Technology resources that have been submitted to 101out.com. Here are the **top 15**:

1. Free Book on Building Secure Web Applications
2. What separates a professional PHP web developer from a scripter?
3. Creating Beautiful Interfaces with CSS
4. Progress on scaling of FreeBSD on 8 CPU systems
5. The Economics of Online Advertising
6. Business side of web design
7. "Algorithms" by Sanjoy Dasgupta [free book]
8. Folding: The Death of the General Purpose CPU
9. Python Design Patterns Part 1
10. Python Design Patterns Part 2
11. Web Standards - Business Benefits
12. Avoiding frustration with PHP Sessions
13. Software development process at NASA
14. Free University Lectures Computer Science
15. How to Design Programs

Secrets of Self Taught Web Developers: 115 Resources to Help You Develop on the Web

This blog articles reviews and covers just about all you need to know and do to in order to learn how to become a great Web Developer. Some of the resources it lists are not free, but I thought that this offers execellent advice and resources to help you in these areas: CSS, XHTML, XML, PHP, JavaScript, Ruby on Rails, AJAX, HTML editing software, FTP Programs, Photos, Videos, & Graphics, Online Forums, Online College Courses, Web Development News, Books & Publications, Tutorials, Cheatsheets, & E-Books, Directories, Open Source Design & Software, Toolbars & Plug-ins, Web Validation, Dynamic Web Development Tools & Libraries, Web Development & Design Blogs, Participating in Communities, and Work Experience.

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

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

Extended Character Map

Extended Character Map is like the Windows Character Map tool but uses much larger, easier-to-view characters, up to the 100pt size. You can also use it to view symbol or Dingbat like fonts. The keystroke name, along with the Decimal/Hex/Oct/Binary values, are displayed in the status bar. Additionally one or more font attributes can be viewed (bold, italic, underline, strikeout). And you can also copy to the clipboard any character or series of characters.
Download (190 kB)

Hotkeycontrol XP

Hotkeycontrol XP is a complete hotkey utility that allows you to set hotkeys to do common tasks like opening files, ejecting your cdrom drives, restarting your computer, controlling active windows, controlling Windows media player, changing volume, typing in commonly used text (macros), and whatever else you need to run on your computer. This app is completely customizable for many of its features and has a nice looking interface. All the hotkeys are also usable in games and in other full-screen DirectX applications.
Download (632 kB

JoneSoft UnInstall Cleaner

This is an alternative to Windows's "Add/Remove Programs". Besides removing installed applications. Useful features include the ability to list and delete orphaned entries, add new entries and modify existing entries in the Add/Remove list. It displays the software available for uninstalling with a green dot placed next to the uninstall program, and it shows a yellow dot next to software for which it cannot locate the uninstall program or component.
Download (233 kB)

Process Patrol

This utility will help you greatly if you have a lot of adware and spyware on your computer. Even if you manually kill a process with the Task Manager, a sibling process will often restart it immediately. Using Process Patrol, you can now take

back some control over these malware processes. This tool kills unwanted processes on your machine, with a scan schedule that you specify. Your freeware will startup successfully along with its adware, but then Process Patrol kills the adware processes, freeing up your memory and CPU cycles.
Download (2295 kB)

ScramDisk

ScramDisk is a disk encryption utility. This program will encrypt your files so nobody can access them except you.
Download (188 kB)

Dialog Mate

DialogMate provides 4 windows functionalities:

1. Minimize window to floating icon
2. Minimize window to system tray
3. Make window 'on top'
4. Favorites in Open/Save dialog

Items 1 - 3 cover features for top-level windows and are accessed from the system menu, which is the menu that pops up upon right clicking the title bar. Feature number 4 gives you the ability to customize your Open/Save dialogs with favorite locations and names, which is a very nice feature to have.
Download (26 kB)

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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.

May 2007 Question of the Month:

What are the best Free, Open Source Security Tools available that can be used in a complex or enterprise network environment?

Answer:

In my opinion, here are the **best open source security tools available today**.

Snort is a network intrusion prevention and detection system tool that uses a rule-driven language. It provides signature, protocol and anomaly based inspection methods. Snort is the most widely deployed intrusion detection and prevention technology worldwide.

OSSEC is a Host-based Intrusion Detection System that does log analysis, integrity checking, Windows registry monitoring, rootkit detection, real-time alerting and active response. It runs on most operating systems, including Linux, OpenBSD, FreeBSD, MacOS, Solaris and Windows.

Bro Intrusion Detection System is a Unix and Linux-based Network Intrusion Detection System (NIDS) that passively monitors network traffic and checks for suspicious activity. Bro's analysis includes detection of specific attacks (defined both by signatures and events) and unusual activities that are compared to malicious patterns.

Nagios is an enterprise-class monitoring solutions for hosts, services, and networks. It is totally modular and permits users to extend its functionality through plugins

Nessus Vulnerability Scanner version 2 is available for free as open source. It

scans devices and identifies remote flaws in your network and enterprise, and also verifies that the host is not compromised and has up-to-date patches.

I hopes this help you.

Scott Turton
Site Editor
http://www.intelligentedu.com

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9) Please Support Our Training Mission

http://www.intelligentedu.com/support.html

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Advance your career with an online degree from Kaplan College

Capella University -accredited online education for professionals

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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/. Check us out today.

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*** Intelligentedu.com's Member Site ***
http://www.intelligentedu.com/sign-up/index.html

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:

1. Over half of the web sites and pages in our members site are not in the free section of our web site. The online training resources in our members' site are linked and laid out in a much more detailed fashion than those in the free section. This will save you time in finding all the best free training on the web.
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.

I will give you 8 great Free Bonuses when you sign up now. These are as follows:
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3. 105 Great Totally Free Utility Programs
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5. The Four Best IT Salary Calculator/Wizard sites
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