

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



Newsletter for Computer IT Education, Training & Tutorial Resources

***** ISSUE #54 - April 2006 *****

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

**formerly <http://www.intelinfo.com/>
Please Update Your Bookmarks & Web Links!**

This Newsletter is only sent to its subscribers and
is available in May, 2006 on the web at
<http://www.intelligentedu.com/newsletter54.html>

Newsletter Archives are here:
<http://www.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 April 2006 issue (#54) 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 39 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 Applications](#)

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](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>.

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

-> 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.

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 <http://www.intelligentedu.com/cat1.html>, our Free IT Tutorials and Guides page at <http://www.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>

Intelligentedu Online Library of Training Courses:
<http://tutorials.intelligentedu.skillspride.com>

This is one of our new free training and tutorial sites, providing over 450 free

online IT tutorials. Tutorials range from entry level texts on using word processors through to advanced techniques in web development, database design and network routing.

Free A+ Certification Exam Training Course

Here is a freely available training course covering the material you need to learn and understand in order to pass the CompTIA A+ (APlus) Certification Exam.

Audience:

This course is for anyone preparing for the CompTIA A+ Core Hardware examination and the A+ Operating System Technologies examination.

Free A+ Certification Exam Training Course: Text-only training content:

[A+ Certification: Computer Basic](#)

[A+ Certification: Structures and Microprocessors](#)

[A+ Certification: Memory and Data Storage](#)

[A+ Certification: Powering and Disassembling the PC](#)

[A+ Certification: Input and Output](#)

[A+ Certification: Printers and Portable Systems](#)

[A+ Certification: Keeping the PC Running](#)

[A+ Certification: OS Basics and Windows 95, 98, and Me](#)

[A+ Certification: Windows 2000/XP and OS Troubleshooting](#)

[A+ Certification: Networkin](#)

[A+ Certification: Working on the Network and Internet](#)

Free A+ Certification Exam Training Course: Computer Based Training with Graphics:

(quizzes not freely available, Internet Explorer required)

[A+ Certification: Computer Basics](#)

[A+ Certification: Structures and Microprocessors](#)

[A+ Certification: Memory and Data Storage](#)

[A+ Certification: Powering and Disassembling the PC](#)

[A+ Certification: Input and Output](#)

[A+ Certification: Printers and Portable Systems](#)

[A+ Certification: Keeping the PC Running](#)

[A+ Certification: OS Basics and Windows 95, 98, and Me](#)

[A+ Certification: Windows 2000/XP and OS Troubleshooting](#)

[A+ Certification: Networking](#)

[A+ Certification: Working on the Network and Internet](#)

Java 2 Enterprise Design Training Course

This freely available Enterprise Java 2 training course series provides a

comprehensive and practical guide for building scalable, secure, Web-enabled, and distributed enterprise systems with Java enterprise technologies and the Java 2 Platform, Enterprise Edition (J2EE). The technologies presented in this training course can be applied when building e-commerce (business-to-commerce or B2C) systems, business-to-business (B2B) systems, enterprise application integration (EAI) approaches, and general distributed and Internet-based enterprise wide systems. All of these systems will incorporate systems assurance as a fundamental underlying consideration, including security, reliability, availability, maintainability, and scalability.

For each training module below, a link for text-only training content is listed first, followed by the link for computer based training (CBT) with Graphics, for which the quizzes are not freely available and Internet Explorer is required.

Java 2 Enterprise Design: Enterprise Foundations:

[Text-only training](#)

[CBT training](#)

This course unit explores the foundation concepts and solution paradigms on which the rest of the series is built. We'll begin with a description of the enterprise system development problem addressed by this series, and a description of a generic framework for understanding solutions to the problem. We'll conclude by taking a look at the foundational features of the Java programming and platform solution paradigm, along with a brief discussion of those aspects of Java that make it a significant enabler for rapid enterprise system development.

Java 2 Enterprise Design: Modeling Components with JavaBeans:

[Text-only training](#)

[CBT training](#)

JavaBeans provide a way to define methods, events, and properties for Java classes such that they can allow external manipulation and customization during design time. Component event registration and delivery, recognition and utilization of properties, customization, and state persistence are all built into this model. This course unit provides a simple introduction to the JavaBean component model. It introduces the basic elements of one of the original Java-based component models and serves as a premise for understanding the other more enterprise-relevant component models described throughout the remainder of the series.

Java 2 Enterprise Design: Enterprise Data and JDBC:

[Text-only training](#)

[CBT training](#)

JDBC is the standard means for connecting to databases from Java applications.

After a connection to a database is opened, a Java application can create and execute a series of SQL commands through the connection. The `java.sql.ResultSet` interface enables you to retrieve the results of your database query. This course unit provides a simple introduction to enterprise data and JDBC.

Java 2 Enterprise Design: Network and Web Communications:

[Text-only training](#)

[CBT training](#)

In this course unit, you'll first be introduced to the distributed systems problems in general, followed by an overview of the network client and network server architecture. Then, you'll examine the basic concepts behind network and client/server computing. You'll learn about TCP/IP architecture and socket programming concepts and techniques. Finally, you'll be introduced to the architecture of the HTTP protocol and the basics behind CGI, Java Servlet framework, and Dynamic HTML generation.

Java 2 Enterprise Design: CORBA, RMI, and DCOM Communications:

[Text-only training](#)

[CBT training](#)

In this course unit, you will learn about three different Java enterprise architectures that allow clients and servers to talk to each other across many languages, operating systems, and platforms. You will learn first about the Common Object Request Broker (CORBA), a standard model for creating objects and components that can be distributed to remote clients. You will then learn about the Remote Method Interface (RMI), a communications model that uses both JRMP and IIOP as its standard transport protocols. And finally, you will learn about the Distributed Component Object Model (DCOM), a distributed component interface model for Microsoft Windows.

Java 2 Enterprise Design: Naming, Directory, Trading, and Activation Services:

[Text-only training](#)

[CBT training](#)

In this course unit, you will learn about the various services and their capabilities for identifying and accessing objects in Java-based enterprise systems. You'll learn that a naming service is the principal mechanism used in distributed and nondistributed systems for referring to objects from within your applications via a name identifying that object. Naming services provide a way to write code that refers to objects in a system using human-readable names.

Java 2 Enterprise Design: Messaging and Transaction Services:

[Text-only training](#)

[CBT training](#)

In this course unit, you will learn the basic concepts behind messaging services and the variations in message service models. You will learn the ideas behind Message-Oriented Middleware (MOM) and the architecture of the Java Message Service (JMS) as a standard API that can be used with the J2EE. You will also review the architecture of CORBA messaging services and learn how the JavaMail API is used for sending and receiving e-mail messages via the Internet.

Java 2 Enterprise Design: Systems Assurance and Security:

[Text-only training](#)

[CBT training](#)

In this course unit, you will learn about systems assurance and security. A diagram of the general assurance process will be presented. You will learn how to assess risk for your enterprise system and how to do risk-reduction planning. In addition, you will learn about systems assurance in terms of security, reliability, availability, maintainability, and safety. You will also learn some advanced security concepts. You will be presented with a basic security model. You will learn about how and why cryptography is used. You will also learn about some basic methods of principal identification and authentication. And you will learn about some different techniques for access control and auditing.

Java 2 Enterprise Design: Java's Security Features:

[Text-only training](#)

[CBT training](#)

In this course unit, you will learn about the security model available within the Java 2 platform — a model that optimizes enterprise security while retaining system efficiency. In the Java 2 platform, a finer-grained security model exists, which allows both local and remote code to utilize only particular domains of resources using configurable policies. These domains of access and configurable policies make the Java 2 platform much more flexible and create better support for security throughout the enterprise.

Java 2 Enterprise Design: Enterprise Web Enabling:

[Text-only training](#)

[CBT training](#)

In this course unit, we specifically address the technologies and approaches to Web enabling an enterprise system using Java and the J2EE. You will learn about the function and basic architecture of Web browsers and Web servers, about traditional Web programming techniques like HTML, CGI, ASP, and scripting languages, and about Java-based Web programming techniques such as servlets and JSP. The course concludes with an overview of XML, DTDs, SAX, and DOM, and how they relate to the J2EE.

Java 2 Enterprise Design: Java Servlets:

[Text-only training](#)

[CBT training](#)

This course unit describes the architecture of J2EE-based Java Servlet Web component and container frameworks, and the basic and HTTP-based Java Servlet API framework abstractions. You'll also learn about the basic and concrete HTTP Java Servlet request and response abstractions, Java Servlet HTTP session and cookie management, J2EE standard Web application deployment descriptors, and the management services provided by J2EE Web application containers.

Java 2 Enterprise Design: JavaServer Pages:

[Text-only training](#)

[CBT training](#)

In this course unit, you will learn about the architecture and concepts behind the use of JavaServer Pages (JSPs), as well as the basic language of JSPs and the basic structure of JSP documents. You will also learn about translating and compiling JSPs into Java Servlet implementation classes, along with the methodology and syntax for embedding Java code into JSPs. In addition, you will learn how JSPs can use APIs and standard objects to interact with managed objects, and you will be introduced to standard JSP scripting tags and their actions. Finally, you will learn about configuration and deployment of JSPs, and about custom tags and actions.

Java 2 Enterprise Design: Enterprise Applications and Enterprise JavaBeans:

[Text-only training](#)

[CBT training](#)

This course unit covers the basic evolution of enterprise application platforms and the most basic architecture of such platforms for enabling scalable and dependable access to enterprise applications. The course also describes services that are provided to enterprise application components, and defines who fulfills what role in these application server architectures. Finally, this course unit describes the J2EE EJB component model in terms of how to build server-side enterprise application components, how client components are created, and how components can be configured and deployed.

Java 2 Enterprise Design: Advanced Enterprise JavaBeans and Application Integration:

[Text-only training](#)

[CBT training](#)

This course unit describes the how session and entity beans are used to build server-side enterprise application components and how clients use these components. This course unit also focuses on use of various Java enterprise technologies from within the context of J2EE EJBs and addresses areas where hand-coding or vendor-specific help is a must, as well as where future improvement is expected. Finally, this course unit deals with the integration of auxiliary and legacy enterprise applications with your Java enterprise applications. It describes the problems that are generally addressed by enterprise application integration (EAI) solutions.

Free Computer and Programming Training Videos

Here are 12 video.google.com searches for free educational and training videos covering 12 technical computer areas. These should give you a good flavor of what kinds of free videos are available at this site and how to search for them.

[Free Programming Training Videos](#)

[Free Java Training Videos](#)

[Free Linux Training Videos](#)

[Free .NET Training Videos](#)

[Free Windows Training Videos](#)

[Free Windows XP Training Videos](#)

[Free Windows 2003 Training Videos](#)

[Free Oracle Training Videos](#)

[Free Database Training Videos](#)

[Free Computer Networking Training Videos](#)

[General Computer Training Videos](#)

[Free TechTalks Videos](#)

[Tutorials from PCPlus.co.uk](#)

PCPlus.co.uk provides the following Tutorials covering software development and programming, Linux, creativity, desktop computing, computer hardware, and the Internet.

[Software Development Tutorials](#)

[Linux Tutorials](#)

[Internet Tutorials](#)

Linux and Unix Workshop Tutorials, Guides, and Manuals

Tech-geeks.org hosts the following Linux and Unix learning materials, tutorials, and guides for learning Linux and Unix operating systems. Included here are tutorials and howtos covering RHCE, Networking, MySQL, SQL, Shell Scripting, a Linux Newbie Manual, and the book, Unix Unleashed.

[Linux and Unix Workshop Tutorials, Guides, and Manuals](#)

[Rute User's Tutorial and Exposition](#)

[RHCE Study Cram \(Red Hat Certified Engineer\)](#)

[Newbie Guide to CGI](#)

[Unix File Commands at Command Line](#)

[Unix Study Guide](#)

[Linux Network Primer](#)

[Linux Shell Scripting Tutorial](#)

[Maximum RPM](#)

[SQL - A Practical Introduction](#)

[Connect OpenOffice to MySQL HowTo](#)

[MySQL Cheatsheet](#)

[Newbie Linux Manual](#)

[Unix Unleashed](#)

Wireless Tutorials and Articles from IBM

IBM's Wireless technology library includes a wide range of technical articles and tips, tutorials, and IBM Redbooks. The free online Wireless tutorials linked below from developerWorks cover a variety of Wireless technology topics, for everyone from beginner to advanced developers. Take the tutorials immediately online, or download them to study at your leisure. You'll also find helpful their Wireless

technology tips and tricks.

[292 Technical Wireless Articles from IBM](#)

[38 Wireless Tutorials from IBM](#)

[Wireless technology Tips and Tricks](#)

[Teach Yourself SAP](#)

Here is a blog post linking to Sams Teach Yourself SAP in 24 Hours, Second Edition. Reading this book, you will become acquainted with the entire SAP system, from navigation to creating your own reports. You'll also cover: Implementation tools and methodologies, NetWeaver ECC 5.0, Designing Screens and menus, Reporting, and Integration with Microsoft Office.

[Free C#, ASP.NET, and dotNET Training and Webcasts](#)

Here is Microsoft's search form for finding free training webcasts and events for all of their various technologies. The 70 webcasts linked in this blog post are the results from clicking on the search button with "c" (**c sharp**) in the search term text box, as it is entered here. **Changing the search term will give different results. Try changing "c" to another Microsoft development or architecture topic, such as visual basic, asp.net, sql server, or .net framework.**

[Windows Server Reference Guide](#)

This is informit.com's excellent Windows Server Reference Guide. The following are the articles, tutorials, and learning materials in their Windows Server Reference Guide. This guide covers much of Microsoft's latest server technology, including Windows Server 2003 administration and management activities.

[Best Free Visual Basic Training Resources from Microsoft](#)

Here are the best free training and learning resources at [Microsoft's Visual Basic Developer Center](#). Included here are video training, code samples, tips and tricks, step-by-step tutorials, references, and downloads.

[MSDN Chat: Programming Essentials in Visual Basic .NET](#)

Here is a MSDN chat on Programming Essentials in Visual Basic .NET (VBdotNet). Members of the Microsoft Visual Basic team provide answers to questions from VB.Net developers.

One of the excellent references this chat provides is the [101 Visual Basic and C# Code Samples](#).

C# Frequently Asked Questions (FAQs)

Here are two Frequently Asked Questions (FAQs) for learning how to program using the C# (CSharp) language. One is from blogs.msdn.com, and the other is from the microsoft.public.dotnet.languages.csharp newsgroup.

[C# Frequently Asked Questions from blogs.msdn.com](#)

[FAQ for the Microsoft.public.dotnet.languages.C Sharp Newsgroup](#)

[Five Steps to Getting Started with ASP.NET](#)

In this Nothin' but ASP.NET column on msdn.microsoft.com, Rob Howard, a program manager for ASP.NET on the .NET Frameworks team, offers the following advice for getting started learning and coding ASP.NET.

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

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

Free IT and Development Ebooks in Google Groups Post

Here is a Google Groups post that contains over 200 links to freely available technical, IT, and Development ebooks. These cover many areas and topics, listed below. To access the download link for these computer ebooks, click on the Free button at the bottom of the rapidshare page, wait about 30 seconds, then enter the 3 character code and click on the download button. (You will need to wait 1 hour between large downloads.). To uncompress .rar files you can use 7-Zip, available here: <http://www.7-zip.com/download.html>.

[Google Groups post with IT and Development Ebook Links](#)

Here are some of the topics covered by these ebooks:

- C Programming
- C++ Programming
- Java Certification
- J2EE
- Eclipse
- Enterprise JavaBeans
- Linux
- Moving to Linux
- Linux Networking
- Aspect Oriented Software Development
- C Sharp (C#) Programming
- ASP.NET
- Database Access With VB Dot NET (VB.NET)
- Database Design
- Dot NET (.NET)
- Windows Server 2003
- Windows Storage
- Windows with VBScript
- Enterprise Services with the dot NET Framework
- XML
- From Java To C Sharp
- CMMI Assessments
- Code Reading
- Open Source
- Configuration Management
- Oracle
- Computer Security
- Parallel Computing

- LDAP
- Microsoft Exchange Server 2003
- Microsoft Office VBA
- Enterprise Application Architecture
- Web Design
- CSS
- Web Technologies
- Rational Unified Process
- Wireless
- PHP
- Samba
- SQL
- Apache
- Networking
- Signal Processing
- Blocking Spam and Spyware

[Free Books for Databases, Networking, and Operating Systems](#)

Here are several free books and tutorials covering Databases, Networking, and Operating Systems. This linked list contains 4 free database books, 6 free networking books, and 27 free operating systems books and tutorials. I hope you enjoy these.

[Freely Available Technical Computer Books](#)

Here is a web site hosting freely available technical computer books in the following areas: MySQL, Samba, Regular Expressions, PHP, Javascript, Java, Enterprise Java Beans, Perl, Networking, Unix, Web Programming, Web Design and Development, Oracle, PL/SQL, Linux, XML, Firewalls, Security.

[11 Ebooks on Web Development, AJAX, ASP.NET, C++, C#, and XSLT](#)

Here is a Google Groups post that contains links to 11 freely available ebooks covering Web Development and Programming, AJAX, ASP.NET, C++ Programming, Microsoft Visual Studio, Visual C Sharp (C#), and XSLT.

To access the download link for the ebooks on rapidshare.de, click on the Free button at the bottom of the rapidshare page, wait about 30 seconds, then enter the 3 character code and click on the download button. (You will need to wait 1 hour between large downloads.). To uncompress .rar files you can use [7-Zip](#).

3 Free Books: Java Design Process, MySQL, Visual Basic.Net

Here are 3 freely available books linked from ebook.blogfa.com. One is for learning how to effectively implement the software development process using the UML, Java, and object-oriented programming. The second one will teach you how to program using Visual Basic .Net (VBdotNet). And the third one provides you a thorough understanding of how to use and implement MySQL with all of the popular technologies: PHP, Java, and ASP.NET applications.

[Java Design: Objects, UML, and Process](#)

Focuses on the software process and how UML, Java technology, and object-oriented programming can be used effectively. Describes how these complementary technologies can be used together as a system of checks and balances to ensure successful creation of high-quality software.

[Mastering Visual Basic.Net Database Programming](#)

Assuming no prior experience with database programming, this book teaches you every aspect of the craft, from GUI design to server development to middle-tier

implementation. If you're familiar with earlier versions of ADO, you'll master the many new features of ADO.NET all the more quickly. You'll also learn the importance of XML within the new .NET paradigm.

[Beginning MySQL](#)

This book offers detailed instructions for MySQL installation and configuration on both Windows and Linux. Learn how to develop applications that access backend data-bases, create a MySQL database, query and manage data in that data-base, and connect to the database from PHP, Java, and ASP.NET applications. Also discussed are transactions, system variable settings, the access privilege system, performance optimization, and backing up a database.

[Free Linux Book: Rute User's Tutorial and Exposition](#)

Here is "Rute User's Tutorial and Exposition", a great free Linux book available online. This book covers many technical areas that any in-depth Linux user will need to know and understand.

[Free Network+ Study Guide Book](#)

Here's a blog post linking to a freely available book that will help you prepare for CompTIA's updated Network+ exam, N10-003. This revised 4th edition of the Network+ Study Guide was developed to meet the requirements of today's certification candidates. It is focused and provides an accessible instructional approach that effectively teaches and demonstrates the topics and concepts needed for the Network+ certification. You'll also find authoritative coverage of key exam topics, including:

- Media and Topologies
- Protocols and Standards
- Network Implementation

- Network Support

3 Free Ebooks: MCSE Certification and Windows Server 2003

Here is a Google Groups post that contains links to 3 freely available MCSE and Microsoft Server 2003 ebooks. To access the download link for these computer ebooks, click on the Free button at the bottom of the rapidshare page, wait about 30 seconds, then enter the 3 character code and click on the download button. (You will need to wait 1 hour between large downloads.). To uncompress .rar files you can use [7-Zip](#).

These 3 Free Ebooks are:

- MCSE Designing a Microsoft Windows Server 2003 Active Directory and Network
- MCSE Planning and Maintaining a Windows Server 2003 Network Infrastructure: Exam 70-294
- Windows Server 2003 Administrator's Pocket Consultant

Free Ebooks Center post for 3 Windows Server 2003 Ebooks

Here are 3 freely available ebooks, covering Windows Server 2003, linked from [ebook.blogfa.com](#). One is for Clustering And Load Balancing. The second one will teach you what you need to plan, install, configure, and maintain a Windows Server 2003 R2, SP1, operating system. And the third one provides you a thorough understanding of how to deploy virtual private networks (VPNs) using Windows Server 2003 and Windows XP.

These 3 Free Ebooks are:

- [Windows Server 2003 Clustering And Load Balancing](#)
 - [Windows Server 2003 Bible, R2 and SP1 Edition](#)
 - [Deploying Virtual Private Networks With Microsoft Windows Server 2003](#)
-

[Free Windows Server 2003 Books](#)

Here is a blog post for a freely available ebook covering Windows Server 2003. It shows you how to install, configure, secure, and manage Windows Server 2003. Topics include patch management, Active Directory replication, network access quarantining, server clustering, and more. This book is designed for system administrators of all levels. After its high-level overview, the book offers complete discussions and treatments of all of Server 2003's major components.

[Free Book on ASP.NET 2.0](#)

This book provides web developers with real-world scenarios of the new efficient code features in this new version of ASP.Net (ASPdotNet). Samples in both Visual Basic (VB) and C# (CSharp) demonstrate nicely how to construct and develop ASP.NET 2.0 applications and builds. Experienced developers get more in-depth coverage about changes within the programs provided in previous ASP and ASP.NET versions. This book is for programmers and developers who are making a transition to ASP.NET 2.0.

[Visual Basic .NET Textbook](#)

Here is the Visual Basic .NET open-content textbook from Wikibooks. This free book is a work in progress, as expert VB.Net (VBdotNet) developers add content to the chapters. The percent completion for each chapter is shown.

Chapters:

- [Introduction](#) 100% (as of Oct 30, 2005)
 - [The Visual Studio Integrated Development Environment \(IDE\)](#) 25% (as of Mar 14, 2006)
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-

[15,300 Free Book Chapters from O'Reilly](#)

Here is a google search for lots of free book chapters, this one returns all of the free book chapters offered by O'Reilly on their web site. You can modify this search by adding keyword(s) to it, as I have done below.

In the above blog post, I then modified this search adding keywords. Here are some of these chapters broken down by category:

- 290 Free Java related chapters
- 818 Free Web Development related chapters
- 377 Free Linux related chapters
- 68 Free Python related chapters
- 96 Free PHP related chapters
- 192 Free PHP related chapters
- 64 Free C# and dot Net related chapters

- 29 Free ASP.Net related chapters
 - 20 Free Windows Server 2003 related chapters
 - 116 Free Oracle and Database related chapters
 - 43 Free Cisco related chapters
 - 193 Free Networking related chapters
 - 450 Free Security related chapters
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[540 Free Chapters from Addison Wesley](#)

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- 138 Free Java related chapters
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 - 40 Free C# and dot Net related chapters
 - 32 Free Windows Server 2003 related chapters
 - 47 Free Oracle and Database related chapters
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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 <http://www.intelligentedu.com/cat3.html>

[Computer Networking University Course Notes and Audio Lectures](#)

Here are the comprehensive notes and audio lectures for an excellent computer networking course from the University of Hawaii.

By studying the notes and listening to the audio lectures of this networking course you will: * improve your understanding about computer networking, focusing on the fundamental design principles of computer networks and protocols. * study networks of practical importance, including the Internet, TCP/IP, ATM, Ethernet and wireless. * learn to understand and design network protocols. * write significant network programs.

[Information Modelling and Development Course](#)

This course teaches you how large-scale computer systems are designed and developed. You'll learn how to develop design notations using the Unified Modelling Language (UML), which is the industry standard language for software analysis and design. This course also shows you how to use Rational Rose to draw diagrams.

[Information Modelling and Development Course Lecture Notes](#)

[Information Modelling and Development Course Slides](#)

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:

[The Unix Forums](#)

Topic areas of the Unix Forums include Network Computing, Scripting, C Programming, Linux, BSD, Sun Solaris, HP-UX, AIX, OS-X, Filesystems, Unix Desktop, Windows, Tips and Tutorials, and Unix Standards.

[Actual Tests - Certification Prep Exams Archive](#)

Many actual practice vendor and I.T. certification exams are available here via free download.

[The Sharpened.net Helpcenter](#)

Free computer help and answers to your technical and not-so-technical computer questions.

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

These web sites will be added to our IT Links and Resources page at <http://www.intelligentedu.com/cat6.html>

[Free EBook Download Center](#)

This is a great new resource to find and download freely available ebooks covering many technical areas.

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

[Free Utility Software from Sysinternals.com](#)

Here are many good free utilities offered by Sysinternals.com in several areas, including File and Disk, Security, Networking, Processes and Threads, and System Information.

- [File and Disk Utilities](#)
 - [Security Utilities](#)
 - [Networking Utilities](#)
 - [Processes and Threads Utilities](#)
 - [System Information Utilities](#)
 - [Miscellaneous Utilities](#)
-

DriverGuide.com

DriverGuide was created to make staying up to date a whole lot easier. With the help of thousands of their members, they have compiled a massive database of drivers, firmware, and support documents that is one of the largest and most comprehensive free Windows drivers repositories on the Web. [Free registration](#) is required.

WinDriversBackup

WinDriversBackup is a free utility provided by JerMar Software Corp. specifically for backing up your Windows system driver files.

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.

April 2006 Question of the Month:

What are some good web resources and sites where totally free technical and computer help and support are available from real people answering your questions?

Answer:

Here are some Help Sites where you can ask and receive help and answers to

your technical questions. Get free online technical support - these sites will help you solve or troubleshoot your computer, programming, or internet related problems.

[Tech Support Guy Forums](#)

This site is run completely by volunteers and paid for completely by donations and sponsors. Their support forums cover many technical areas, including many operating systems, general computing, Internet, and security topics.

[5 Star Support Free Technical Support Form](#)

Your questions are answered by a team of techs. The usual response time is within 24 hours or less. Also check out their [Free Support Forums](#) covering many areas.

[Computer Online Help](#), from Computerhope.com - Uses one of 4 methods to receive free computer help from computerhope.com

[SuggestaFix PC Support Forums](#)

Expert computer help on Hardware, Operating Systems and Web mastering in plain English, without the techno-babble.

[Tech Support Forum](#)

A great free online tech support forum community where people come to discuss and get help with all issues related to computers in over 390,000 posted discussions.

SupportFreaks.com Freebie Support Forums::

<http://www.supportfreaks.com/appiesboard/index.php>

[SupportFreaks General Technical Support](#)

[SupportFreaks Design / Content Creation Support](#)

[SupportFreaks Programming Support](#)

[The Tech Report Forums](#)

TR Forums offers several support venues for Hardware, Software, Linux, Windows, Graphics, Processors, Gaming, Mobile Tech, and Networking.

[The Rage800 Forums](#)

Receive free advice for Windows, Macintosh, Unx, Hardware, Web Design, Gaming, and Media. You can also use their [Help Form](#) and your question will be answered for free.

[Friendly Computer Help](#)

Listing of Windows software tools and technical guides for security, performance, data recovery, Internet & networking topics.

And lastly, here is a good google search giving you [many more free support resources and sites](#) on the web.

I hope these help you.

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

9) Please Support Our Training Mission

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

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Computer Education, Training, & Tutorial Resources

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

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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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*** **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.

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