

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



---

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

**\*\*\* ISSUE #78 - April 2008 \*\*\***

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

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

[Intelligentedu.com/newsletter78.html](http://Intelligentedu.com/newsletter78.html)

Newsletter Archives are here:

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

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

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

---

### In This Issue:

**[1\)... Editor's Greeting](#)**

**[2\)... The Best New Free I.T. Training & Tutorial Sites](#)**

**[3\)... New Free I.T. Books & Book Sites](#)**

[4\)... University Computer Science Course Sites](#)

[5\)... The Best Suggested Sites from Website Users](#)

[6\)... New I.T. Training & Tutorial Link Sites](#)

[7\)... I.T. Sites Worth Mentioning](#)

[8\)... Question of the Month about Technical Training](#)

[9\)... Please Support Our Computer Training Mission](#)

---

---

## 1) Editor's Greeting:

Hello everyone, and welcome to our new subscribers!

This is the April 2008 issue (#78) of our free monthly newsletter for Computer IT Education, Training, & Tutorial Resources providing you with the latest Free online IT Training Resources that we have recently discovered and researched. This newsletter is free to anyone subscribing ([instructions](#) at bottom, no username/password is needed). To access our member site, however, you do need a user name and password - registering as a member of [Intelligentedu.com](http://Intelligentedu.com) costs \$15 for two months, for more information please see [Become a Member of Intelligentedu.com](#).

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

In this issue we describe and link to a total of 52 computer, IT and programming learning and tutorial web sites. By means of this email newsletter, you have knowledge of and access to these sites before our web site visitors do.

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

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

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

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

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

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

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

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

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

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

For your convenience, this newsletter is also available to subscribers in HTML format at this special url: [http://www.intelligentedu.com/current\\_news.html](http://www.intelligentedu.com/current_news.html)

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

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

---

**"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](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](http://www.intelligentedu.com/free_it_training_materials_and_books.html)

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

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

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

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

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

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

When unzipped it is a windows executable.

---

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

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

### **EdComp.com:**

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

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

You can start searching right now using this form:

Here are a few search results to get you started:

#### **Web Development:**

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

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

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

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

#### **Java Learning Resources:**

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

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

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

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

### **Linux Tutorials:**

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

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

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

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

### **XML Tutorials:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **iNet+ Tutorials:**

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

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

### **Network+ Tutorials:**

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

### **MCSE preparation:**

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

<http://www.edcomp.com/results/70-290.html>

<http://www.edcomp.com/results/70-291.html>

<http://www.edcomp.com/results/70-293.html>

<http://www.edcomp.com/results/70-294.html>

<http://www.edcomp.com/results/70-296.html>

<http://www.edcomp.com/results/70-297.html>

**.Net:**

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

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

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

**C#:**

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

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

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

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

**Windows 2003:**

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

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

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

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

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

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

---

**[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 C Programming Course Videos](#)

Here are some great free classroom training [Videos from the CSCI N305 C Programming Course](#) at Indiana University-Purdue University. These will show and teach you how to get started programming in C, along with learning how to apply intermediate techniques, such as program control, functions, arrays, pointers, and structures. A current version of [Realplayer](#) is needed for these videos. Also, check out this course's complete [Class Calendar](#) containing lecture slides, readings, projects, and assignments.

Lecture	Video Segment
<b>Orientation</b>	
--	<a href="#">General Orientation</a>
<b>Introduction</b>	
1a	<a href="#">Introduction to Computers (hardware)</a>
1b	<a href="#">Introduction to Computers (languages)</a>
<b>Programming</b>	

2a	<a href="#">First C Program</a>
2b	<a href="#">Mixing Data Types</a>
<b>Basic Input   Output</b>	
3a	<a href="#">Basic IO printf()</a>
3b	<a href="#">Basic IO scanf()</a>
<b>Variable Declarations, Data Types, Expressions</b>	
4a	<a href="#">Variables and Operators</a>
4b	<a href="#">Assignments</a>
<b>Program Control</b>	
5a	<a href="#">Problem Solving Using STAIR</a>
5b	<a href="#">Algorithms</a>
5c	<a href="#">Standard C Statements</a>
5d	<a href="#">Additional C Statements</a>
<b>Functions</b>	
6a	<a href="#">Declarations</a>
6b	<a href="#">Examples</a>
6c	<a href="#">Scope, Parameter Passing, Storage Specifiers</a>
6d	<a href="#">Recursion</a>
<b>Information Representation</b>	
7a	<a href="#">Positive Integers</a>
<b>Information Representation</b>	
8a	<a href="#">Negative Integer Representation</a>
8b	<a href="#">Floating Point Representation</a>
<b>Information Representation</b>	
9a	<a href="#">Characters and Images</a>
<b>Information Representation</b>	
10a	<a href="#">Machine Instructions</a>

10b	<a href="#">Machine Instructions Demo</a>
<b>Arrays</b>	
11a	<a href="#">Declaration</a>
11b	<a href="#">Strings and Parameter Passing</a>
11c	<a href="#">Multidimensional Arrays</a>
11d	<a href="#">Case Study</a>
<b>Ethics</b>	
12a	<a href="#">Introduction to Ethics</a>
<b>Pointers</b>	
13a	<a href="#">Introduction</a>
13b	<a href="#">Call-by-Reference</a>
13c	<a href="#">Pointer Arithmetic</a>
<b>Characters and Strings</b>	
14a	<a href="#">Literals and Variables</a>
14b	<a href="#">Functions</a>
<b>Structures</b>	
15a	<a href="#">Declarations</a>
15b	<a href="#">Functions and Arrays</a>

---

## [Free Java Course from Open-of-course.org](#)

This [Free Java Course](#) by Marcus Green, and hosted by [Open-of-course.org](#), is for those who would like to learn how to start programming in Java and do not have a lot of previous programming experience. It is not aimed at the Sun Certified Programmers Exam, which is for people who already know how to program in Java. Also take a look at their [Social Forum](#) and [Discuss The Course](#) pages for

this Java course.

## Java Course Modules:

### **1 An introduction to the origins and basics of the Java Programming language**

- [This course Resource](#)
- [What is Java? Resource](#)
- [Where did Java come from? Resource](#)
- [Java is not JavaScript Resource](#)
- [What is Java used for Resource](#)
- [What is Java used for audio sound file](#)
- [Why choose Java? Resource](#)
- [Why choose Java? audio sound file](#)
- [The Java Development Kit Resource](#)
- [The JDK audio sound file](#)
- [Getting Started Resource](#)
- [Graphical Development Tools Resource](#)
- [Object Orientation Resource](#)
- [Object Orientation audio sound file](#)
- [Inheritance Resource](#)
- [inheritance audio sound file](#)
- [Writing your first program Resource](#)
- [Flash movie of creating HelloWorld with the JDK file](#)
- [Line by line analysis of HelloWorld Resource](#)
- [Why was that program so ugly? Resource](#)
- [A Graphical "Hello World" Resource](#)
- [Line by line analysis of the Graphical HelloWorld Resource](#)
- [Hello world according to Sun file](#)
- [Summary Lesson](#)
- [Diversionary Video file](#)

### **2 Java Data types and looping**

- [Java Syntax & Data Types Resource](#)
- [Flow Control Resource](#)
- [Flow statements according to the Sun Java tutorial file](#)

- [If/Else Resource](#)
- [The Assignment Operator Resource](#)
- [while/do while Resource](#)
- [The for loop Resource](#)
- [The break and continue statements Resource](#)
- [Data Types Resource](#)
- [Method and class variables Resource](#)
- [Primitive Types Resource](#)
- [Character Data Resource](#)
- [The String Class Resource](#)
- [Keywords Resource](#)
- [Swing ,AWT and the Plugin Look and Feel system Resource](#)
- [Applets and web browsers Resource](#)
- [Java Event Handling Resource](#)
- [Creating Events using Adapter classes Resource](#)
- [The Sun Java Tutorial on Data Types file](#)
- [The String class in the Sun Java Tutorial file](#)
- [Looping animation Resource](#)
- [Pluggable Look and Feel animation file](#)

### **3 Layout Managers**

- [Layout Managers Resource](#)
- [FlowLayout Resource](#)
- [Flow, Border and GridLayouts compared Resource](#)
- [BorderLayout Resource](#)
- [GridLayout Resource](#)
- [Layout managers at the Sun Java tutorial file](#)
- [FlowApp.html file](#)
- [Animation of the FlowLayout in action file](#)
- [Using multiple layout managers Resource](#)
- [Layout Managers Quiz](#)

### **4 Java Arrays, Collections and I/O**

- [The idea of arrays Resource](#)
- [arrays according to the Sun Java tutorial file](#)

- [Creating your own arrays Resource](#)
- [Assigning array values on creation Resource](#)
- [The limitations of arrays Resource](#)
- [Collections Resource](#)
- [Input & Output \(I/O\) and Exceptions Resource](#)
- [Exceptions Resource](#)
- [Using the throws keyword Resource](#)
- [Chaining streams together Resource](#)
- [Sun on I/O file](#)
- [Sun on the subject of arrays file](#)

## 5 Java Applets and more components

- [What are applets? Resource](#)
- [Browser Wars Resource](#)
- [Applets & Security Resource](#)
- [Hello World Resource](#)
- [The Applet Lifecycle Resource](#)
- [The applet console Resource](#)
- [Data entry fields & Menus Resource](#)
- [Installing the plugin Resource](#)
- [Jar Files Resource](#)
- [Applets according to Sun file](#)

## 6 More Objects

- [OO Principles Resource](#)
- [What is an object? Resource](#)
- [Inheritance Resource](#)
- [Polymorphism Resource](#)
- [Constructors Resource](#)
- [Overriding and overloading Resource](#)
- [Interfaces Resource](#)
- [Abstract Classes Resource](#)
- [Encapsulation Resource](#)
- [Objects and references Resource](#)
- [A History of Objects audio sound file](#)

## **[Free Oracle Application Training](#)**

Here is a well written site offering [Free Oracle Application Training](#). Use this site to build and improve your Oracle Application R12 skills using Oracle App modules created for Apps professionals by Apps professionals. The author created this training because the tools for accelerated Oracle Application skill building are generally not freely available on the Web today. He says on the home page, "If you are an experienced consultant working on a project, or a support guru working on a TAR (or Service Request) or an enthusiastic beginner, this site is dedicated to be your portal for Apps knowledge that you can tap into whenever you need it."

## **[Oracle Inventory Fundamentals and Setup](#)**

Learning Oracle Inventory can appear overwhelming. But, if you are determined to master the fundamentals, this is your place to be.

- [Setting Up the Oracle Inventory Organization Structure](#)
- [Creating the Operating Unit](#)
- [Defining the Inventory Organization Calendar](#)
- [Creating the Item Master Organization](#)
- [Building the Inventory Organization](#)
- [OSS Creates Some Categories](#)
- [Subinventories for OSS](#)
- [About a Unit of Measure](#)
- [Building a Shipping Network](#)
- [Inventory Accounting Periods](#)
- [Miscellaneous Transactions in Oracle Inventory](#)
- [Customizing Transactions in Oracle Inventory](#)
- [A New Transaction Type for Travis](#)
- [Subinventory Transfer Transactions](#)

## **[Understanding And Using Oracle Quality in R12](#)**

More and more companies are moving towards Oracle Quality. Oracle Quality is integrated with the Oracle Manufacturing and Distribution applications to provide consistent quality data definition, data collection and data management across the

enterprise and throughout the supply chain.

- [Collection Elements in Oracle Quality](#)
  - [Specifications for OSS](#)
  - [A Purchasing Collection Plan for Office Smart Solutions](#)
  - [A Receiving Inspection Plan for an Item](#)
- 

### [3 PHP Tutorials and an XML Tutorial](#)

Here are [3 PHP Scripting Tutorials](#), from nicetutz.blogspot.com, along with an XML Tutorial. These tutorials will show and teach you how to get started with scripting PHP into your web pages to give them user friendly features and interactivity.

#### [What is PHP and Why Should I Care?](#)

This introductory tutorial informs you about what PHP is and what it can do for your web pages.

#### [Basics of Object Oriented Programming](#)

This Object Oriented Programming (OOP) tutorial provides an overview of what OOP is with a view toward using PHP effectively. It goes over three concepts of object orientation in these tutorials: class, access modifiers, and inheritance.

#### [Object Oriented Features New to PHP 5](#)

In this PHP tutorial, learn how to use the new Object Oriented features in PHP 5. Support for objects has been add into PHP, so you can choose to use objects or simply use procedural programming. That PHP is a hybrid language should be viewed as something positive, not as a disadvantage.

#### [Introduction to XML and Web Services](#)

The Extensible Markup Language (XML) is a simple, platform-independent standard for describing data within a structured format. It allows data to be tagged using descriptive names so both humans and computer applications can understand the meaning of different pieces of data.



## [CSS Tutorial from Open-of-course.org](#)

Here is Open-of-course.org's online [CSS Tutorial](#) that will teach you how use use and apply Cascading Style Sheets (CSS) in your web pages. Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in a markup language. CSS in HTML pages is used to define colors, fonts, layout, and other aspects of document presentation. Besides separating the content from the content's presentation, CSS also permits the same web pages to be presented in different styles for different rendering methods, such as on-screen, in print, by voice, etc. CSS specifies a priority scheme to determine which style rules apply if more than one rule matches against a particular element. In this so-called cascade, priorities are calculated and assigned to rules, so that the results are predictable. Also check out this site's [CSS Forum](#) to communicate with other web developers using CSS.

- [Introduction to CSS](#)
  - [Inheritance and Cascading in CSS](#)
  - [Block and Inline Elements](#)
  - [Datasheet-style Form](#)
  - [Tabular List](#)
- 

## [Web Development Training from WebDesignFromScratch.com](#)

[Web Design from Scratch](#) has been adding some great content and learning materials since I last posted a [blog article](#) about their site. Here is more of their [free Web Development training content](#) that will teach you many technical areas of designing and developing web pages and web sites. Topics covered here include the Design Process, Graphic Design for the Web, Site Architecture, Usability, HTML, CSS, JavaScript, and DHTML.

## **Design Process**

- [Attention Map](#)
- [Design like no-one's watching](#)
- [The Design Spectrum](#)
- [Don't Decorate, Communicate!](#)
- [Golden Rule of web design](#)
- [Pursuit of the Original](#)
- [Simplicity in web design](#)
- [Think Then Do](#)
- [Work smart, not clever](#)

## **Business**

- [Setting up in Web Design](#)
- [Outsourcing: How to use freelance talent effectively](#)
- [Pricing and selling web design](#)
- [10 Free Ways to Promote your Business Online](#)

## **Graphic Design for the Web**

Graphic design basics:

- [Clarity in web page design](#)
- [Colour](#)
- [Contrast](#)
- [Readabilty](#)
- [Effective text](#)
- [Imagery](#)
- [Attention Map](#)

Page layout:

- [Layout for web page design](#)
- [Containment](#)
- [Alignment](#)
- [Grouping](#)

- [Rhythm and repetition](#)
- [Logical order](#)

### Visual techniques:

- [3D Effects in graphic design for the web](#)
- [Logo design](#)
- [Text-based logos](#)
- [Favourite logos](#)
- [Current style in Web Design](#)
- [Web 2.0 Design Style Guide](#)

### Case studies:

- [Artorg: Worked example](#)
- [Case study: Business Improvement Network](#)
- [Case study: Foruse](#)

## Site Architecture

- [Information Architecture models](#)
- [Information Architecture 101](#)
- [Navigation models for web sites](#)
- [Case study: Business Improvement Network](#)
- [Case study: Bytecon](#)

## Usability

- [Behaviour of web sites and applications](#)
- [Trusting the user](#)
- [Clear hyperlinks](#)
- [Effective text: Benefits of text over graphics](#)
- [Logical order of page components](#)
- [Using mouseovers in web design](#)
- [Designing navigation for web pages](#)
- [Readabilty](#)
- [Case study: Kemik online art portfolio](#)

## Production

- [How HTML, CSS and JavaScript work together in making web pages](#)
- [How to make a web site](#)
- [Why code by hand](#)
- [Basics of Search Engine Optimisation](#)

## HTML

- [How to make a web site](#)
- [Introduction to HTML](#)
- [Anatomy of HTML tags](#)
- [Lists](#)
- [Tables](#)

## CSS

- [Introduction to CSS](#)
- [Inheritance and Cascading Styles in CSS](#)
- [Block vs Inline display style in CSS](#)

## JavaScript/DHTML

- [JavaScript 101: Hello World!](#)
- [Datasheet-style form using HTML, CSS and JavaScript](#)
- [Tabular list-style form using HTML, CSS and JavaScript](#)

---

## Aspects of AJAX: Free AJAX eBook

This [free AJAX ebook](#), "[Aspects of AJAX](#)", will show you how to use an AJAX

Framework and an AJAX Engine with JavaScript, XML, SOAP, WSDL and ASP.NET using standard Web Services on the server. This book also contains the updated articles and samples from the [author's blog](#), together with some new and rewritten articles. The implementation of the Samples, the AJAX Engine and most of the web controls in this AJAX ebook can be [found here](#).

The author introduces his idea that to successfully deploy an AJAX application, the developer must have a clear and simple pattern for coding the JavaScript on the client in order to avoid errors and to not think about the implementation details. The AJAX implementation shown here uses the WebService framework of [ASP.NET](#) on the server, and manages the communication with the client using SOAP. This keeps the recurring portion of the code in a central place. Also, all details about the different implementations of the XMLHttpRequest object in Internet Explorer or the Firefox browsers are hidden from your code. This Ajax ebook is 142 pages in length, 1.42mb in size, and is in pdf format)

---

---

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

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

#### **[30 Computer and Networking eBooks](#)**

Here are [30 Computer and Networking eBooks](#) covering the topics listed below.

- Wireless Hacking
- Windows 2003 Networking
- Perl Programming

- PHP Programming
  - Computer and Network Security
  - Computer Networking and IP Basics
  - Cisco CCNA
  - Cisco CCIE
  - CISSP Security Certification
  - Red Hat Linux Certified Engineer (RHCE)
  - Oracle 9i
  - A+ Certification Study and Prep eBook
  - Network+ Study and Prep eBook
  - Linux
  - Linux Kernel
  - Linux Network Programming
  - Unix Programming
  - Adobe Photoshop 7
  - Adobe Illustrator
  - AutoCad
- 

## [Over 1000 Computer eBooks from FreeBookSpot](#)

[FreeBookSpot](#) links to 1212 free downloadable eBooks in its Computer category. These computer ebooks are located at download sites like rapidshare.de and cover these topics: .NET, C / C++ programming, Databases, Embedded programming, Game development, Hardware, Java programming, Networking, Application Development, Security, SQL, Linux, Web Development, and Windows. I have checked several of the ebooks linked from this site and only one was not available, which is pretty good. Some ebooks have two or three download links. The link(s) to download each ebook are under the [Download Instructions](#) heading on each ebook's description page. On some of the download sites you will need to click on the 'Request ticket' link.

### Topics of Computer eBooks from FreeBookSpot:

- [Certification \(3\)](#)
- [.NET \(96\)](#)
- [Algorithms \(73\)](#)

- [C and CPP \(74\)](#)
- [CAD \(1\)](#)
- [Computers \(Other\) \(4\)](#)
- [Cryptography \(42\)](#)
- [Databases \(47\)](#)
- [Delphi \(5\)](#)
- [DirectX \(13\)](#)
- [Embedded Systems \(82\)](#)
- [Game Development \(60\)](#)
- [Graphics \(41\)](#)
- [Graphics Programs \(43\)](#)
- [Hacking \(31\)](#)
- [Hardware \(34\)](#)
- [HTML and CSS \(5\)](#)
- [Java \(76\)](#)
- [Microcontrollers \(33\)](#)
- [Microsoft Office \(20\)](#)
- [Misc Programs \(8\)](#)
- [Mobile Devices \(12\)](#)
- [Networking \(51\)](#)
- [Pocket PC \(1\)](#)
- [Programming \(79\)](#)
- [Security \(24\)](#)
- [SQL \(29\)](#)
- [Unix and Linux \(60\)](#)
- [Web Design \(20\)](#)
- [Web Development \(105\)](#)
- [Windows \(43\)](#)

---

### [Computer eBook links from Computerebook.net](#)

Here is [Computerebook.net](#), another provider of links to many computer ebooks via download sites. To download an ebook from this site, you need to first click on

the link under the 'Server' column on the ebook's description page, then on the next page click on the 'Download eBook' link. Some of these links are not working. The topics covered include Programming, Database, Linux, dotNet, Flash, Web Design, Javascript, PHP, Dreamweaver, Graphics, Multimedia, Networking, Cisco, Hardware, and Security.

### eBook Categories:

- [Network & Network Programming](#)
  - [Robotics & Automation](#)
  - [Database](#)
  - [Electronic](#)
  - [Hacking](#)
  - [Python](#)
  - [3D](#)
  - [Multimedia](#)
  - [Delphi](#)
  - [Graphics](#)
  - [Office](#)
  - [Perl](#)
  - [Javascript](#)
  - [Linux, Unix, BSD](#)
  - [Web & Web Design](#)
  - [dotNET](#)
  - [Flash](#)
  - [Java](#)
  - [J2ME](#)
  - [SEO](#)
  - [ASP](#)
  - [Cisco](#)
  - [Dreamweaver](#)
  - [Hardware](#)
  - [PHP](#)
  - [Security](#)
-



## **50 Programming and Application Development Books**

Here are [50 Programming and Application Development online Books](#) that are linked from Computerguroo.com. These cover web design, C++, Java, J2EE, Software engineering, PHP, SQL, ASP.NET, VB .NET, and .NET. I have verified the 45 book links below, which are most of the books on this site.

### **Online Book Categories:**

#### **Web Design**

[Web Style Guide, 2nd edition](#)

[Building Accessible Websites](#)

[The Art and Science of Web Design](#)

[Software Engineering for Internet Applications](#)

#### **C++**

[C++ In Action: Industrial-Strength Programming Techniques](#)

[Thinking In C++ Second Edition Volume One: Introduction To Standard C++](#)

[Thinking In C++ Second Edition Volume Two: Practical Programming](#)

[Optimizing C++](#)

[C++: A Dialog - Programming with C++ Standard Library](#)

#### **C Programming**

[The New C Standard: An Economic and Cultural Commentary](#)

[C Elements of Style](#)

[The C Book](#)

[Numerical Recipes in C](#)

[Writing Bug-Free C Code](#)

#### **J2EE**

[Mastering Enterprise JavaBeans 3.0](#)

[The J2EE Architect's Handbook](#)

[Servlets and JavaServer Pages: The J2EE Technology Web Tier](#)

[Jakarta-Struts Live](#)

[Java Testing and Design](#)

#### **Software Engineering**

[Essential Skills for Agile Development](#)

[Object-Oriented System Development](#)

[Patterns for Effective Use Cases](#)

[Programming from Specifications](#)

## **PHP**

[PHP 5 Power Programming](#)

[Practical PHP Programming](#)

[PHP Manual](#)

[Build Your Own Database Driven Website Using PHP & MySQL](#)

## **SQL**

[Sams Teach Yourself SQL in 24 Hours](#)

[SQL for Web Nerds](#)

[Structured Query Language \(SQL\): a Practical Introduction](#)

[Sams Teach Yourself Microsoft SQL Server 7 in 21 Days](#)

[Essential SQL](#)

## **ASP.NET**

[Murach's ASP .NET 2.0 Web Programming with VB 2005](#)

[Murach's ASP .NET 2.0 Web Programming with C# 2005](#)

[Build Your Own ASP .NET Website Using C# & VB .NET](#)

[Pro ASP .NET 2.0 in C# 2005](#)

[Inside ASP .NET Web Matrix](#)

## **VB .NET**

[Upgrading Microsoft Visual Basic 6.0 to Microsoft Visual Basic .NET](#)

[Visual Basic .NET](#)

[Murach's Beginning Visual Basic .NET](#)

[Sams Teach Yourself Visual Basic 6 in 24 Hours](#)

[Visual Basic .NET](#)

[Programming the .NET Compact Framework in Visual Basic .NET](#)

[Real World XML Web Services](#)

Here are lots of [Free Computer and Programming eBooks](#), linked from bookgoldmine.com, covering the categories linked below. These ebooks are accessible from many websites around the Web.

### Computer and Programming eBooks Categories:

- [Algorithms and Data Structures](#)
- [Artificial Intelligence](#)
- [Compilers and Compiler Design](#)
- [Cryptography](#)
- [Database Theory, Programming & Administration](#)
- [Information Theory](#)
- [Interface Design & Programming](#)
- [Introduction To Programming](#)
- [Linux](#)
- [Logic Programming](#)
- [Neural Networks](#)
- [Operating Systems](#)
- [Programming - .NET](#)
- [Programming - Assembly Language](#)
- [Programming - C/C++](#)
- [Programming - Java](#)
- [Programming - Javascript](#)
- [Programming - PHP](#)
- [Programming - Ruby & Ruby On Rails](#)
- [Programming - Small Talk](#)
- [Web Design](#)
- [XML](#)

---

### Freely Available Cisco eBooks

Here is [freeciscobooks.blogspot.com](http://freeciscobooks.blogspot.com), which provides several links to freely available Cisco eBooks. The links to these Cisco ebooks are in text form, so you

need to copy and paste them into your browser's address bar. Also, you may need to make the text smaller in your browser so you can copy all of the link.

- [CCDA Certification Books](#) (1)
- [CDP Certification Books](#) (2)
- [CCIE Certification](#) (5)
- [CCNA Certification Books](#) (7)
- [CCNP Certification Books](#) (4)
- [CCSP Certification Books](#) (2)
- [CCVP Certification Books](#) (2)
- [Cisco CCIE certification books free](#) (5)
- [Cisco CCNA certification books free](#) (6)
- [Cisco CCNP Certification Books](#) (3)
- [Cisco QOS Books](#) (2)
- [Free books](#) (16)
- [Free certification Books](#) (6)
- [Free Cisco books](#) (11)
- [Free Cisco Certification book](#) (25)
- [free computer ebooks](#) (26)
- [free ebooks online](#) (26)

---

---

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

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

[Lecture Notes for the Windows and .NET Programming Course](#)

Here are well written, illustrated [Lecture Notes](#) for the [CS130 Windows and .NET Programming Course](#) at San Jose State University. These will show you are to get started with programming user applications in the Microsoft .NET framework (dotNET), along with some C# programming constructs.

- [How Windows Works](#)
  - [Introduction to Visual Studio](#)
  - [Introduction to Windows Graphics](#)
  - [The Mouse](#)
  - [Intermediate Graphics](#)
  - [Introduction to menus](#)
  - [Dragging](#)
  - [Introduction to printing](#) and [arcs, pies, and area fills.](#)
  - [Controls](#)
  - [Push buttons](#)
  - [Modal Dialogs](#)
  - [Radio Buttons and List Boxes](#)
  - [Data validation](#)
  - [Fonts](#)
  - [More on Text and Fonts in .NET](#)
  - [Toolbars and status bars.](#)
  - [Introduction to the Windows Common Dialogs](#)
  - [Common File Dialogs](#)
  - [Responding to the keyboard](#)
  - [Owner-draw menus and context menus](#)
  - [Overview of The .NET Framework](#)
  - [Web Services](#)
  - [Building .NET Components](#)
  - [Introduction to double-buffering in .NET](#)
  - [Animation in .NET](#)
  - [Network programming in .NET](#)
  - [Network programming in .NET continued](#)
-

**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:

### **[Free A+ and Network+ Study Guides and Practice Tests](#)**

Here are [Free Study Guides and Practice Tests for the A+ and Network+ Certification Exams](#), from [rmroberts.com](#). Also check out their [Instructor's Corner](#) page for more free A+ and Network+ certification training resources. The practice test answers are in the test documents, and they are also located [here](#). This site also provides a page for [building your own PC](#) and a page for understanding how [Windows XP Pro and Home Edition compare](#) to each other.

[A+ Study Guide - 2007 \(New Study Guide\)](#)

[A+ Sample Test - 2007 \(New Exam 220-601\)](#)

230kb, 22 pages, 101 practice questions, with answers, pdf format

[Network + Study Guide 1](#)

[Network + Practice Test 1](#)

[Network + Study Guide 2](#)

[Network + Practice Test 2](#)

---

### **[Free IT Security Training Resources](#)**

This site reviews and links to free online learning and training content related to IT Security. Here are some of the resources they provide:

[CompTIA Security+](#) study and training pages from techexams.net

[Home Computer Security](#) site from cert.org

[Computer Security Videos](#) from security-freak.net

[Security School: CISSP Certification Training](#)

This free I.T. security training from, searchsecurity.techtarget.com, not only provides CISSP certification education, but it also doubles as a comprehensive security resource that enables proactive security professionals on all levels to keep their skills ahead of the pack. (free registration is required)

[Web Security Course from google.com](#)

- Contributed course content
- Video lectures

[Cryptography and Cryptanalysis](#)

This MIT course features a rigorous introduction to modern cryptography, with an emphasis on the fundamental cryptographic primitives of public-key encryption, digital signatures, pseudo-random number generation, and basic protocols and their computational complexity requirements.

[Network and Computer Security](#)

This MIT graduate course on network and computer security covers the following:

- Authentication and identification schemes
  - Intrusion detection: viruses
  - Secure operating systems
  - Software protection
  - Security of email and the WWW
  - Electronic commerce: payment protocols, electronic cash
  - Firewalls
  - Risk assessment
- 
-

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

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

### [TutCity - Free Tutorials Directory](#)

TutCity.com is a tutorial portal that links to many technical and software tutorials on the Web. Tutorial categories include 2D and 3D Graphics, Audio and Video Editing, Business and Office Applications, Desktop and Web Programming and Development.

#### TutCity Tutorial Categories:

Desktop Programming:

[C and C++](#)

[Python](#)

[Visual Basic](#)

Web Development:

[.htaccess](#)

[Adobe DreamWeaver](#)

[ASP](#)

[ASP.NET](#)

[CGI & Perl](#)

[CSS](#)

[HTML](#)

[Java](#)

[JavaScript](#)

[Microsoft FrontPage](#)

[PHP](#)

Databases:

[Microsoft Access](#)

[MySQL](#)

2D Graphics:



[Adobe Fireworks](#)

[Adobe Flash](#)

[Adobe Illustrator](#)

[Adobe Image Ready](#)

[Adobe Photoshop](#)

3D Graphics:

[3D Studio Max](#)

[Cinema 4D](#)

[Maya 3D](#)

Office Applications:

[Microsoft Excel](#)

[Microsoft PowerPoint](#)

[Microsoft Word](#)

---

---

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

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

### [X-Gen](#)

X-Gen is a web development tool that allows you to create pages with the same layout, over and over again. The program provides an interface that allows you to modify the content of your pages, without editing the actual files. You just create a template for each page once, and then manage the template details from the X-Gen interface. You can create as many template section as you need (e.g title, main content, footer, header etc) and then just generate all your pages with the click of a button. You can specify the output directory, as well as a default extension for the generated files.

## **[Easy HTML To Any Script Converter](#)**

Easy HTML To Any Script Converter allows you to quickly convert HTML code to ASP, PHP, Perl, JSP or JavaScript output. It adds the required script identifications, as well as string output (echo, response write etc.) can perform replacements as well. You can edit the conversion templates and add your custom code templates if they are not included by default. The program supports input from the clipboard, and can also convert single or multiple files.

---

## **[Selida](#)**

Selida is a highly flexible HTML editor that offers a lot of dialogs helping you to write code, insert images, hyperlink and more. It provides a real time browser preview that allows you to see the actual (IE based) browser display while you are writing your HTML code. When the tag you want comes up, simply click space. In addition it supports automatic tag completion, multicolor syntax highlighting and an optional WYSIWYG interface. Furthermore it offers support for ASP code, Java, VB and plain text and comes with additional tools like code cleanup, code compression, error checking as well as a spellchecker.

---

## **[MEdit](#)**

MEdit is a multipurpose editor that can be used to edit local files as well as remote files via FTP. It comes pre-configured with syntax highlighting for many languages,

including PHP, Java, HTML, SQL and more. You can create multiple FTP profiles, allowing you to quickly connect to a server in order to edit files. Using MEdit, you can edit more than one file at the same time, use bookmarks, along with searching and replacing.

---

### [AVIcodec](#)

AVIcodec is a very useful tool that helps you identify the codec used by video files. When you don't have the proper codec installed, you will get an error message, or may be limited to audio playback only. While AVIcodec does not provide you with the codecs, it makes it easy to identify the exact video type and the codecs required (if any). In addition, it provides links to online resources to find required codecs, and also displays a list of all codecs (with version) that are installed on your system.

---

### [VideoInspector](#)

VideoInspector provides detailed information for selected video files. It includes Codec requirements, Duration, streams, resolution, bitrate, frames per seconds (FPS), Sample rate etc., and also calculates the video quality factor.

---

---

**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 2008 Question of the Month:**

What is Microsoft's Live Mesh and how will it affect web and application development in the future?

### **Answer:**

Microsoft's new [Live Mesh](#) is both a platform and a service that has been two years in the making. (Here's several [screen shots of what you can expect to see](#) when Microsoft offers its Live Mesh tech preview.) Mary Jo Foley does a pretty good job of distilling and explaining what Live Mesh is all about in her article, [Ten things to know about Microsoft's Live Mesh](#). She writes that the best definition of Live Mesh what she has found was in a Live Mesh reviewer's guide: "Live Mesh is a 'software-plus-services' platform and experience from Microsoft that enables PCs and other devices to 'come alive' by making them aware of each other through the Internet, enabling individuals and organizations to manage, access, and share their files and applications seamlessly on the Web and across their world of devices." She continues, "If I were in charge of defining Live Mesh, I think I'd go with 'a Software + Services platform for synchronization and collaboration.'" Live Mesh is to be cross-platform and cross-browser and based on standard protocols and feeds, such as HTTP, RSS, REST, ATOM, JSON and FeedSync. It will use the cloud storage, management, service and provisioning, and computational components that other Microsoft Live services use. In addition, Live Mesh will make use of the same identity, synchronized storage and connectivity services that Microsoft uses for other Live offerings. The "platform" services (the "developer stack") include the new Mesh Framework, as well as both a cloud and a client software run-time Mesh Operating Environment (MOE). Here is the official [MSDN blog for Live Mesh](#). For more technical details, take a look at Ori Amiga's [Programming the Mesh](#).

Scott Turton  
Site Editor  
[Intelligentedu.com](http://Intelligentedu.com)

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

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

### **How You Can Support Our IT Training Mission**

Please help support Intelligentedu.com's Computer and IT Education and Training Mission by visiting our sponsors below. By doing so, you will be helping people who want to learn to use computers in an Information Technology career.

---

[ITT Technical Institute: Choose from their many programs](#)

[University of Phoenix Online: Advance your career](#)

[DeVry: Online degrees for working adults](#)

[Kaplan College Online:](#)

[Advance your career with an online degree from Kaplan College](#)

[Capella University -accredited online education for professionals](#)

## Computer Education, Training, & Tutorial Resources

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

### Free I.T. Training Now!

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://Freeskills.com/). Check us out today.

Copyright Notice: Please note that all of the items hyperlinked are copyrighted by their authors and/or publishers. You are expected to look for, read, and adhere to such notices. Downloaded and online material is copyrighted whether or not a copyright notice is present.

---

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

**I will give you 8 great Free Bonuses when you sign up now. These are as follows:**

- 1. A Comprehensive 47-page IT Glossary**
  - 2. How To Understand Windows Error Messages program**
  - 3. 105 Great Totally Free Utility Programs**
  - 4. A Bug Tracking Access**
  - 5. The Four Best IT Salary Calculator/Wizard sites**
  - 6. 12 Great Web Resources for Learning the Best Methods to Study and Take Tests**
  - 7. Six Great e-Books (a \$120 value) to help you Make Money using the Internet**
  - 8. Five extra bonus IT resource sites that are the best from our "worth mentioning" newsletter section**
- 
-

**To Subscribe** to this Free monthly Newsletter of Computer Education, Training, & Tutorial Resources simply send a blank email to this address:

[newsletter-sub@intelligentedu.com](mailto:newsletter-sub@intelligentedu.com)

(You will need to reply to a confirming email.)

Or go to this web page and use the Subscribe form:

[http://www.intelligentedu.com/newsletr\\_sub\\_unsub.html](http://www.intelligentedu.com/newsletr_sub_unsub.html)

**To Unsubscribe** from this Free monthly Newsletter of Computer Education, Training, & Tutorial Resources simply send a blank email to this address with Unsubscribe in the subject::

[newsletter-unsub@intelligentedu.com](mailto:newsletter-unsub@intelligentedu.com)

(no need to confirm)

Or go to this web page and use the unsubscribe form:

[http://www.intelligentedu.com/newsletr\\_sub\\_unsub.html](http://www.intelligentedu.com/newsletr_sub_unsub.html)

---

Thank You!

[scott\\_turton@intelligentedu.com](mailto:scott_turton@intelligentedu.com)

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