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Web 2.0 and AJAX Training

The phrase Web 2.0 was first coined in a brainstorming session for the O'Reilly Media Web 2.0 Conference in 2004. Since then, the exact meaning has caused many debates. Although the term might suggest a second version of the World Wide Web, it actually refers more to the way developers and end-users utilize the web as a **platform**.

Web 2.0 is a fresh approach to creating new and engaging websites that encourage a synergism between the user and the provider. Interaction is key for a Web 2.0 site, and the recent explosion of collaborative sites indicates how popular Web 2.0 features are with the end user.

Most Web 2.0 sites contain some of these features:

- Rich Internet Application (Ajax based)
- CSS
- Valid HTML and microformats
- RSS or Atom Feeds
- Clean URLs
- Folksonomy
- Wiki or forum software to support user generated content
- Use of Open source software
- Weblog publishing
- Mashups
- XML Webservice APIs

With an estimated 108 million published websites, finding an edge in today's demanding market requires websites and web-based applications to embrace some of the concepts behind Web 2.0.

LearnQuest offers role-specific training in Web 2.0 for the Developer, Manager, and Executive, that can be customized to client needs.

Some popular sites that utilize Web 2.0 solutions:



"Web 2.0 is the business revolution in the computer industry caused by the move to the internet as platform, and an attempt to understand the rules for success on that new platform. Chief among those rules is this: Build applications that harness network effect to get better the more people use them. (This is what I've elsewhere called "harnessing collective intelligence")"
 ~ Tim O'Reilly, O'Reilly Radar 12/10/06

LearnQuest Web 2.0 and AJAX Courses

[Web 2.0 for Managers](#)

[Web 2.0 Executive Overview](#)

[Web 2.0 for Developers](#)

[AJAX](#)

[Mastering AJAX for ASP.Net](#)

[Mastering AJAX for J2EE](#)



The mind-map pictured here was constructed by Markus Angermeier on November 11, 2005; and sums up the memes of Web 2.0.

AJAX

AJAX (Asynchronous JavaScript and XML) is a web development technique used to create dynamic and interactive web applications. The object of these applications is to make web pages flow smoother by making quick, incremental updates to the user interface without reloading the entire browser page. A excellent example of AJAX can be found on Google Maps. As you reposition a map within the map frame, only the map refreshes, not the entire page. The benefit of this is a smooth transition and clean look in a fast environment.

JavaScript is the programming language of AJAX function calls and data retrieved using this technique is commonly formatted using XML. AJAX is usable on many different operating systems, computer architectures, and browsers.

Since AJAX generates HTML locally within the browser and only brings down JavaScript calls and the actual data, AJAX pages appear to load quickly and use less bandwidth. Within the philosophy of Web 2.0, this creates a fast, clean, interactive page that will keep the end-user engaged.

LearnQuest offers a generic and two technology-specific AJAX courses.

LearnQuest's Public Class Schedule

LearnQuest offers the following courses on the Public Class Schedule. Training Facilities are located throughout the United States.

Course Titles (Partial List)		Training Locations (Partial List)	
Introduction to SOA	Service Oriented Architecture (SOA) for Managers	Birmingham, AL	Metairie, LA
Testing SOA Applications	Service Oriented Architecture (SOA) Immersion Bootcamp	Little Rock, AR	Charlotte, NC
Servlets and JSP Programming Using MyEclipse	Servlets and JSP Programming Using WSAD 5.1	Tucson, AZ	Las Vegas, NV
OO Programming with Java Using RAD 6	Object Oriented Analysis & Design with UML 2.0	Bakersfield, CA	New York, NY
OO Programming with Java	OO Programming with Java Using WSAD 5.1	San Francisco, CA	Cincinnati, OH
Core J2EE Patterns Using RAD 6	Intro to JavaServer Faces (JSF) Using RAD 6	Aurora, CO	Oklahoma City, OK
Developing J2EE Applications Using Spring Framework	Developing J2EE Applications Using Hibernate® and Eclipse	Boulder, CO	Pittsburgh, PA
EJB Programming Using WSAD 5.1	RAD 6 New Features	Colorado Springs, CO	Philadelphia, PA
Essentials of IBM Rational Functional Tester	Essentials of IBM Rational Software Architect	Wilmington, DE	West Chester, PA
Rational Tools Overview	Essentials of IBM Rational Software Modeler	Miami, FL	Warwick, RI
SoDA (Rational Software Documentation Automation)	Foundations of the Rational Unified Process	Tampa, FL	Nashville, TN
Introduction to Rational Requisite-Pro	Introduction to Struts 1.1 Using WSAD 5.1	Boise, ID	Houston, TX
Oracle 10g Basic and Advanced SQL for Developers Using SQL Plus	Oracle 10g PL SWL for Developers Using SQL Plus	Indianapolis, IN	San Antonio, TX

LearnQuest's Newest Course Offerings

Follow the link to see complete course outline

Introduction to Java Using JDeveloper	EJCJ-330	SOA Data Modeling	WSOA-220
Administration of JBoss Application Server 4 on Linux	EJJB-120	Mastering Service Oriented Analysis and Design (BEA Aqualogic Edition)	WSOA-215
OO Programming with Java Using RAD 7	EJCJ-315	Service Oriented Architecture for Architects (BEA Aqualogic Edition)	WSOA-210
Servlet and JSP Programming Using RAD 7	EJWS-550	TCP/IP: Introduction and Advanced	OSTC-100
Programming in Jython with Extensions and Embedding	PLPJ-115		

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