



ASP.NET "Atlas" and Web 2.0

with Andy Baron

This course gives a brief history of recent developments in Web development technologies, including the conglomeration of features that is sometimes referred to as Web 2.0. The course describes the problems that have led to the popularization of a technology called Ajax and explains exactly what Ajax is. Then the course drills down into a new technology from Microsoft, code-named "Atlas", that provides a framework for building Ajax-enabled applications with much less work than has been required in the past.

Introduction to Web 2.0 and "Atlas"

A Quick History of Web Development

The Problems and Benefits of Web Applications

How XMLHttpRequest Changed the Picture

Understanding Web 2.0

- * Ajax-Enabled User Experiences
- * User-Generated Content
- * Social Networking
- * Mashups
- * Monetizing Attention
- * Web 2.0 at Microsoft

Postback Examples

- * Standard Postbacks
- * "Atlas" Postbacks

The "Atlas" Framework

Understanding Server-Side and Client-Side "Atlas" Features

Examples of Server-Side "Atlas" Support

- * ScriptManager
- * UpdatePanel
- * Triggers
- * Additional Server Controls
- * Control Extenders

Examples of Client-Side "Atlas" Techniques

- * Using XML Script Blocks
- * Enabling Object-Oriented Client-Side Coding
- * Client-Side "Atlas" Controls
- * Procedural and Declarative Solutions
- * Data Access and Data Binding
- * Accessing ASP.NET Services
- * Using Server-Side Bridges to Access External Services

This course includes 9+ hours of total training time...

- 5+ hours of media run time

YOUR CHOICE OF FORMATS:

CD-ROM	4 CDs
DVD-ROM	1 DVD