

Introduction to AJAX for ASP.NET

Course Length: 3 days

Price: \$1,800

Summary

Authoring rich web experiences can be difficult. The disconnected nature of the http protocol can frustrate the development of applications that solve real user problems. Luckily, there is a well known method for creating these experiences: AJAX. By leveraging [ASP.NET](#)'s new AJAX framework, you can more easily create compelling content for you web users.

Who Should Attend?

Students should be familiar with ASP.NET as well as JavaScript programming. Good working knowledge of XML and Web programming techniques is also recommended

Course Outline

Why AJAX

- History of Web Applications

The User Experience

The XMLHttpRequest object

[ASP.NET](#) AJAX

- Typical [ASP.NET](#) Application

Introducing UpdatePanel

- Showing Progress with the UpdateProgress Control

AJAX Architecture

- The Client Side
- The Server Side

The Microsoft Client Library for AJAX

Adding AJAX to a Site

- Using the Script Manager



- Partial Page Rendering
- Using the AJAX Control Toolkit

Extender Controls

Accordion Control

Rating Control

ReorderList Control

TabContainer Control

Control Toolkit Extenders

Client Side Development

- Application Services

Forms Authentication

User Profiling Services

- Making Remote Method Calls

Designing the Server API for Remote Calls

Web Service Calls

Page Method Calls