

ASP - Active Server Pages Introduction

2 day course

Overview

Students will learn the benefits of using ASP technology to create dynamic, data-driven Web sites. The course introduces the ASP Object Model, several built-in ASP Components, Scripting Objects, and the ActiveX Data Objects (ADO) Model.

Prerequisites

HTML Web Authoring Introduction, JavaScript Introduction or VBScript Introduction and Fundamentals of SQL Querying or equivalent knowledge.

Benefits

Students will learn how to create dynamic, database- driven Web sites.

Target student

Students needing to transform their static HTML-only Web site into a dynamic, data-driven Web site that accesses databases, uses COM components, dynamically serves information from a variety of sources, and much more.

What's next

Active Server Pages Advanced, the second course in this series, uses the concepts and techniques students learned in Active Server Pages Introduction to create a diverse set of Web applications. Along the way students will learn advanced concepts and techniques in Active Server Pages programming.

Course Content:

Introduction to ASP

- ASP Scripting Languages, Objects, and Components

Server-side Includes

- Using Server-side Includes
- Using Dynamic Server-side Includes

The Response Object

- Understanding the Response Object
- The Write Method
- The Redirect Method
- Controlling Output

The Request Object

- The Request Object

Cookies

- Cookies
- The Response.Cookies Collection
- The Request.Cookies Collection

ASP Components

- ASP Components
- The Server Object

Applications, Sessions, and the Global.asa

- ASP Applications and Sessions
- The Global.asa

Scripting Objects

- The Built-in Scripting Objects
- The FileSystemObject Object
- The TextStream Object

ASP and the ADO Model

- ASP, Databases, and ADO
- The Database Environment
- Connecting to the Database

Viewing Database Records

- Working with Recordsets
- Creating Combo Boxes and Option Groups
- Filtering Records

Adding, Updating, and Deleting Records

- Adding Records to a Database
- Updating Records in a Database
- Deleting Records from a Database

Stored Procedures and Parameters

- Using Stored Procedures
- The Command Object

Advanced Recordset Techniques

- Editing a Record
- Paging through a Recordset

Additional topics

- Web Resources
 - ASP Object Model
 - Scripting Objects
 - ActiveX Data Objects (ADO)
 - HTTP Server Variables and Headers
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