

Introduction to ACTIVE SERVER PAGES (ASP): Bespoke

Suggested duration: 3 days

Active Server Pages (ASP) allows the web developer to write programs that will run on the server. With ASP the developer can respond to user input in a form, send customised pages to users based on preferences, and design web pages driven from a database. Although these tasks can be achieved using PERL and other CGI scripts, the use of ASP makes the process much easier, and allows the developer to use the popular Visual Basic language. Note: ASP is generally only used on Windows NT servers.

Run as a bespoke course, it gives you the opportunity to tailor the course to your exact requirements. To provide a start point, we'd recommend you use the suggested course outline as a guide.

Who should attend?

Delegates should have good HTML skills, and be familiar with using JavaScript or VB Script for client-side scripts in a web page. The use of Visual InterDev as a tool to help you write ASP code is optional, but recommended.

The course on each day runs from 9.30 am to approximately 4.30pm.

COURSE CONTENT

• **Fundamentals of Dynamic technologies**

- What is a dynamic environment
- Server Technologies
- Client Technologies
- RDMBS and SQL

• **Introducing Server Side Scripting**

- Situations in which Server Side scripting is more appropriate
- Situations in which Client Side scripting is more appropriate
- Active Server Pages Overview

• **ASP Objects**

- Intrinsic Objects on the Server
- Request Collections
- Response Objects

- Session and Application state
- Creating Server Components

• **Writing ASP**

- Retrieving Information from the User
- Using URL Parameters
- Sending Customised Pages
- Keeping values across user sessions and the server application
- Using cookies with ASP
- Using components included with IIS
- Server Side Includes

• **Using ADO**

- Active Data Objects Overview
- SQL overview
- Retrieving and Displaying Records
- Navigating Records
- Modifying Data

- Executing a Command
- Scaling ADO

• **Building a mini secure web site**

- Creating a site plan
- Creating a connection to a database
- Designing with Server Side Includes
- Displaying database records
- Building search and results pages
- Building a user login
- Building a Content Management System
- Securing your web pages

• **Hands On**

- During the course delegates will create a typical data driven website using HTML and ASP

- Using ASP objects to achieve key server-side tasks
- How to solve the problems of HTTP protocols with sessions and cookies
- How to build a content management system and integrate security

What will I learn?

For more information or to book a course please call 01926 436934