

TheTestplace.com

An Introduction to ASP Development

Description

The 3-day course introduces participants to Microsoft Active Serve Page technology and the concept of an ASP Application. The initial part of the course covers general Internet technology including basic web page design, HTML authoring, an introduction to Web Server Technology and an overview of client and server scripting. The course then proceeds to establish a context for understanding exactly what is meant by the term Active Server and define the requirements necessary to perform Active Server development.

Format

2 days 50% lecture 50% lab exercises

Participants

The course is intended for participants that will either be developing or be responsible for web sites using ASP technology.

Prerequisites

Delegates need good general computing experience and preferably should have some programming experience.

Delegates need to be familiar with the use of a text editor and have previous experience of client side HTML and scripting
Working knowledge of Windows® operating systems

Presentation Requirements

The maximum number of delegates for the course is 12

A room that allows delegates to both work freely at their workstation and view a screen

Direct project from computer system for Tutor for display of slides and demonstration of Programming

PC to screen projector
Whiteboard or flipchart

Course Content

Introduction to Internet Information Server (IIS)

Web Servers and Browsers

Servers
File Name Conventions
File Types
Installing Files

Front Page Extensions

Internet Standards RFC's

Installing IIS

Configuring IIS for ASP

Building and Configuring the Active Server

Server
Active Server Scripting

Active Server Scripting with VBScript

Building Active Server Applications

Using Visual InterDev

Connecting to Databases

Managing IIS via the MMC UI

Virtual Directories and Servers

Server Side Scripting

Choice of Languages

JavaScript on the Server

VBScript on the Server

Programming with The ASP Object

Model

Response Object

Request Object

Server Object

Session Object

Context Object

The Global ASA and global variables

Session Management – Tracking

Users

The way ahead ASP+ and C#

On-Site Equipment Requirements

To deliver the course each delegate should have individual access to a system, the system shall have:

IIS version 4 or greater

Visual InterDev or equivalent

Account on the system that allows creation and deletion of files

WinZip or equivalent

Additionally it must be possible for the course materials including lab exercises to be transferred onto the systems from an ISO 9660 CD-ROM

If no suitable equipment is available then TFJ can arrange for the hire of equipment for the duration of the course.

Course Materials

Course notes, slides and exercises are supplied in Adobe Acrobat format files

Lab exercises are supplied in text files (Unicode UTF-8)

Note

Delegates will get hands on experience in developing, installing and debugging ASP pages from scratch. A four-day version of the course is available where delegates have no HTML or scripting experience.