

Developer Scripting (JavaScript and VBScript)

A Two Day Training Course

Course Aims:

Developers working in the browser/server environment need to be competent working with both JavaScript (JScript) and VBScript. This is an introductory course presented in a highly practical format which introduces developers to the syntax and key language elements of both languages. Practical work which focuses on introducing core techniques is undertaken in both languages.

Course Outline:

Introducing Scripts

- Scripts in Context
- Key Uses
- JavaScript, JScript, VBScript, EMCAAScript
- Client-Side and Server-Side Standards

Writing Scripts

- Using the <script> Element
- Specifying the Script Language
- Basic Syntax
- Using Comments
- Using External Script Files
- Incorporating Server Side (ASP) Scripts
- Running Scripts from Hyperlinks
- Using Event Handlers to Run Scripts

Key Language Elements

- Variables and Operators
- Data Types
- Variable Scope
- Comparisons and Conditionals
- IF Else Versions
- Using Incremental Operators
- Looping

Working with Objects, Properties and Methods

- Key Client Objects
- Key ASP Objects
- Writing Data to the Page
- Using Alert Boxes
- Browser Detection
- Redirecting the User
- Modifying the User Environment

Working with Arrays

- Creating, Populating, Indexing
- Array Methods
- Multi-Dimensional Arrays
- Arrays as Objects

Functions and Subroutines

- Creating Functions and Subroutines
- Returning Values from Functions
- Passing Parameters

Applying Scripts

- Running Scripts from Hyperlinks
- Using Event Handlers

Scripts and Forms

- Using the Browser DOM to Access Form Data
- Populating Form Elements
- Using the OnSubmit Event Handler
- Running Scripts from Form Elements
- Client-Side Form Validation Techniques

Target Audience:

Attendees should have either a background in programming or be competent with HTML/XHTML.

Assumed Knowledge:

HTML or XML experience is assumed (see: [HTML / XHTML Development](#) and [XML Development: A Foundation Course](#))