

## Creating a Search Facility with ASP, ADO and Microsoft Indexing Service

### A One Day Training Course

#### Course Aims:

This is a practical course for developers in the Windows 2000 server environment who wish to use ASP, ADO and Microsoft Indexing Service to provide a browser-based search facility (similar to those found on internet search engines) for their site or document store.

#### Course Outline:

##### Introducing Scripts

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

##### Background

- The Search Facility Requirement
- About the Data Store
- Potential Solutions

##### Introducing Microsoft Indexing Service

- System Requirements
- Features and Facilities
- Brief History
- How it Works - Catalogs Explained
- The Importance of MSDN on microsoft.com

##### Setting up Indexing Service

- About Catalogs
- Accessing Indexing Service
- Creating the Catalogs Directory
- Creating a New Catalog
- Setting the Catalog Properties
- Specifying the Web Site

- Specifying the Directories to be Indexed
- Starting Automated Indexing
- The Results of the Indexing Process
- Testing the Index

##### Creating a Basic Search Facility

- Using the ServerVariables Collection to Create a Generic Search Page
- Using the QueryString Object
- Declaring the Variables
- The Indexing Service Connection String
- Instantiating the Recordset Object
- Specifying the Search Criteria
- Opening the Connection (Recordset Object)
- Querying Indexing Service
- Presenting the Data on the Page
- Tidying Up

##### Enhancing the Facility

- Using the HTMLEncode Method
- Using SQL
- Alternative Approaches
- Using the PageSize Property
- Using the AbsolutePage property
- The RecordCount Property
- The AbsolutePosition Property

#### Target Audience:

Attendees should have a good understanding of VBScript, ASP and ADO basics (see Querying and Updating Databases Using ASP and ADO (incorporating VBScript)).

#### Assumed Knowledge:

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