Introduction to Active Server Pages

Part of the Advanced Web Development Workshops Series

What is ASP?

- Server-side scripting environment used to create dynamic web pages.

- Used to process forms

- Connecting database to web sites

- E-commerce

Project Overview

- Creating forms in FrontPage
- Passing form data to an ASP page
- Passing data from one ASP page to another using hidden fields
- Using conditional statements
- Including files in ASP pages
- Outputting data to a web page

How ASP Works

- **Internet Information Server**
  - Components
- Objects
- Web Applications

Built-in Objects

- Request
- Response
- Server
- Application
- Session
- ObjectContext

Inserting Script Tags

- Script Delimters

```
<%
    dim var mytime
mytime = date()
    response.write mytime
%>
```

Inserting Script Tags

- Script Tag

  <script language ="VBScript" runat="server">
    some script commands
    </script>

Scripting Languages

- VBScript
- JScript

ASP Directives

- Output Directive

  <%= time %>

  <% Response.Write time %>

- Processing Directive

  <%@ language = vbscript %>
    <HTML>
    <HEAD>

Mixing Scripts and HTML

- \<h1\> Hello. The time is \<%= time %\>\</h1\>

Scripting Conventions

- White Space
- Case Sensitivity
- Comments

Response Object

- Overview of Response Object

Request Object

- Request Object Overview

About Forms

- Names and Values
- Action and Method
- **All Form Elements must have a name**

Including Files

- Used to insert one page into another
- <!-- #include file="*filename*"-->