

Introduction to Active Server Pages (ASP)

ASP is one of the technologies which allow computer codes to run by and Internet server. It is a server-side scripting technology which can be utilized for instances such as when you want to create dynamic and interactive web apps. ASP can be combined with XML, COM, and HTML in creating interactive web sites.

ASP pages are basically HTML pages which contains scripts for the server usually enclosed by <%> separators. Pages that contain ASP instructions will have an .asp extension with them. The instructions are to be delivered to the server with respect to the properties and methods of five primary ASP objects which are:

- The Response object – transfers data from the server going to the client.
- The Request object – retrieves data from the client which will then be sent to the server.
- The Session object – manages and stores session data for the users.
- The Application object – stores application data, this can optionally be shared among the different users.
- The Server object – used to manage properties and methods on the server.

Response Object:

Methods

- Response.AddHeader
- Response.AppendToLog
- Response.BinaryWrite
- Response.Clear
- Response.End
- Response.Flush
- Response.Redirect("Page2.asp")
- Response.Write

Properties

- Response.Buffer
- Response.CacheControl
- Response.Charset
- Response.ContentType
- Response.Expires
- Response.ExpiresAbsolute
- Response.IsClientConnected
- Response.PICS
- Response.Status

Collections

- Response.Cookies

You can set up the Content Type by:

- Response.ContentType = "text/html"
- Response.ContentType = "text/plain"
- Response.ContentType = "image/GIF"
- Response.ContentType = "audio/basic"
- Response.ContentType = "video/MPEG"
- Response.ContentType = "application/x-pdf"
- Response.ContentType = "application/vnd-ms.word"
- Response.ContentType = "application/vnd.ms-excel"

Request Object:

Methods

- Request.BinaryRead

Properties

- Request.TotalBytes

Collections

- Request.ClientCertificate
- Request.Cookies
- Request.Form
- Request.QueryString
- Request.ServerVariables

Session Object:

Methods

- Session.Abandon

Properties

- Session.CodePage
- Session.LCID
- Session.SessionID
- Session.Timeout

Collections

- Session.Contents
- Session.StaticObjects

Events

- Session.OnStart
- Session.OnEnd

Application Object:

Methods

- Application.Lock
- Application.Unlock

Collections

- Application.Contents
- Application.StaticObjects

Events

- Application.OnStart
- Application.OnEnd

Server Object:

Methods

- Server.CreateObject
- Server.Execute
- Server.GetLastError()
- Server.HTMLEncode
- Server.MapPath
- Server.Transfer
- Server.URLEncode

Properties

- Server.ScriptTimeout