

- The browser capabilities component: Difference between browser, Components properties/methods, working and capabilities;
- Other ASP components; Sending and receiving E-mail with ASP.

ASP Browser Capabilities Component

- The ASP Browser Capabilities component creates a **BrowserType** object that determines the type, capabilities and version number of a visitor's browser.
- When a browser connects to a server, a User Agent header is also sent to the server. This header contains information about the browser.
- The **BrowserType** object compares the information in the header with information in a file on the server called "Browscap.ini".
- If there is a match between the browser type and version number in the header and the information in the "Browscap.ini" file, the **BrowserType** object can be used to list the properties of the matching browser. If there is no match for the browser type and version number in the Browscap.ini file, it will set every property to "UNKNOWN".

Syntax

```
<%
    Set MyBrow=Server.CreateObject("MSWC.BrowserType")
%>
```

Property	Description
ActiveXControls	Support for Active X Controls.
Backgroundsounds	Support for background sounds.
Beta	Is browser beta software?
Browser	Browser name.
Cookies	Support for cookies.
Frames	Support for frames.
Javaapplets	Support for Java applets.
Javascript	Support for JavaScript.
Majorver	Major version number of the browser.
Minorver	Minor version number of the browser.
Parent	Parent browser (as defined in browscap.ini).
Platform	User's operating system.
Tables	Support for HTML tables.
Vbscript	Support for VBScript.
Version	Full version number of the browser.

ASP Browser Capabilities Example

The example below creates a BrowserType object in an ASP file, and displays some of the capabilities of your browser:

Example

```
<!DOCTYPE html>
<html>
<body>
```

```

<%
Set MyBrow=Server.CreateObject("MSWC.BrowserType")
%>

<table border="0" width="100%">
<tr>
<th>Client OS</th><th><%=MyBrow.platform%></th>
</tr><tr>
<td>Web Browser</td><td><%=MyBrow.browser%></td>
</tr><tr>
<td>Browser version</td><td><%=MyBrow.version%></td>
</tr><tr>
<td>Frame support?</td><td><%=MyBrow.frames%></td>
</tr><tr>
<td>Table support?</td><td><%=MyBrow.tables%></td>
</tr><tr>
<td>Sound support?</td><td><%=MyBrow.backgroundsounds%></td>
</tr><tr>
<td>Cookies support?</td><td><%=MyBrow.cookies%></td>
</tr><tr>
<td>VBScript support?</td><td><%=MyBrow.vbscript%></td>
</tr><tr>
<td>JavaScript support?</td><td><%=MyBrow.javascript%></td>
</tr>
</table>

</body>
</html>

```

Output:

Client OS	WinNT
Web Browser	IE
Browser version	5.0
Frame support?	True
Table support?	True
Sound support?	True
Cookies support?	True
VBScript support?	True
JavaScript support?	True

ASP Sending e-mail with CDOSYS

- CDOSYS (*Collaboration Data Objects*) is a built-in component in ASP. This component is used to send e-mails with ASP.

Sending e-mail with CDOSYS

- CDO (Collaboration Data Objects) is a Microsoft technology that is designed to simplify the creation of messaging applications.
- CDOSYS is a built-in component in ASP. We will show you how to use this component to send e-mail with ASP.

How about CDONTS?

- Microsoft has discontinued the use of CDONTS on Windows 2000, Windows XP and Windows 2003. If you have used CDONTS in your ASP applications, you should update the code and use the new CDO technology.

Examples using CDO.SYS**Sending a text e-mail:**

```
<%  
Set myMail = CreateObject("CDO.Message")  
myMail.Subject = "Sending email with CDO"  
myMail.From = "mymail@mydomain.com"  
myMail.To = "someone@somedomain.com"  
myMail.TextBody = "This is a message."  
myMail.Send  
set myMail = nothing  
%>
```

Sending a text e-mail with Bcc and CC fields:

```
<%  
Set myMail = CreateObject("CDO.Message")  
myMail.Subject = "Sending email with CDO"  
myMail.From = "mymail@mydomain.com"  
myMail.To = "someone@somedomain.com"  
myMail.Bcc = "someoneelse@somedomain.com"  
myMail.Cc = "someoneelse2@somedomain.com"  
myMail.TextBody = "This is a message."  
myMail.Send  
set myMail = nothing  
%>
```

Sending an HTML e-mail:

```
<%  
Set myMail = CreateObject("CDO.Message")  
myMail.Subject = "Sending email with CDO"  
myMail.From = "mymail@mydomain.com"  
myMail.To = "someone@somedomain.com"  
myMail.HTMLBody = "<h1>This is a message.</h1>"  
myMail.Send  
set myMail = nothing  
%>
```

Sending an HTML e-mail that sends a webpage from a website:

```
<%  
Set myMail = CreateObject("CDO.Message")  
myMail.Subject = "Sending email with CDO"  
myMail.From = "mymail@mydomain.com"  
myMail.To = "someone@somedomain.com"  
myMail.CreateMHTMLBody = "https://www.w3schools.com/asp/"  
myMail.Send  
set myMail = nothing  
%>
```

Sending an HTML e-mail that sends a webpage from a file on your computer:

```
<%  
Set myMail = CreateObject("CDO.Message")  
myMail.Subject = "Sending email with CDO"  
myMail.From = "mymail@mydomain.com"
```

```
myMail.To = "someone@somedomain.com"  
myMail.CreateMHTMLBody = "file://c:/mydocuments/test.htm"  
myMail.Send  
set myMail = nothing  
%>
```

Sending a text e-mail with an Attachment:

```
<%  
Set myMail = CreateObject("CDO.Message")  
myMail.Subject = "Sending email with CDO"  
myMail.From = "mymail@mydomain.com"  
myMail.To = "someone@somedomain.com"  
myMail.TextBody = "This is a message."  
myMail.AddAttachment "c:\mydocuments\test.txt"  
myMail.Send  
set myMail = nothing  
%>
```

Sending a text e-mail using a remote server:

```
<%  
Set myMail = CreateObject("CDO.Message")  
myMail.Subject = "Sending email with CDO"  
myMail.From = "mymail@mydomain.com"  
myMail.To = "someone@somedomain.com"  
myMail.TextBody = "This is a message."  
myMail.Configuration.Fields.Item _  
("http://schemas.microsoft.com/cdo/configuration/sendusing") = 2  
'Name or IP of remote SMTP server  
myMail.Configuration.Fields.Item _  
("http://schemas.microsoft.com/cdo/configuration/smtpserver") =  
"smtp.server.com"  
'Server port  
myMail.Configuration.Fields.Item _  
("http://schemas.microsoft.com/cdo/configuration/smtpserverport") = 25  
myMail.Configuration.Fields.Update  
myMail.Send  
set myMail = nothing  
%>
```