

Course API Comparison

Chapter C8: A JavaScript Application

Copyright © by V. Miszalok, last update: 13-05-2009

APIcompareJavaScript.htm

Copy the following 44 lines of code into the empty text file APIcompareJavaScript.htm:

```
<?xml version="1.0" encoding="iso-8859-1"?>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<meta http-equiv="Content-Style-Type" content="text/css">
<meta http-equiv="Content-Script-Type" content="text/javascript">
<title>Compare JavaScript Browser Application</title>
<script type="text/javascript">
var w;
function button1Click()
{ document.getElementById( "label" ).value = "JavaScript Browser Application. Resize!"; }
function button2Click()
{ document.getElementById( "label" ).value = ""; }
function resize()
{ if (document.body.clientWidth) w = document.body.clientWidth; //IE
else if (window.innerWidth) w = window.innerWidth; //Firefox
document.getElementById( "button1" ).style.width =
document.getElementById( "button2" ).style.width = Math.round( w*0.12 );
document.getElementById( "label" ).style.width = Math.round( w*0.65 );
document.getElementById( "button1" ).style.fontSize =
document.getElementById( "button2" ).style.fontSize =
document.getElementById( "label" ).style.fontSize = String( Math.round( w*0.03 ) ) + 'px';
}
}
</script>
</head>
<body>
<script type="text/javascript">
document.body.onload = resize; //IE
document.body.onresize= resize; //IE
window .onresize= resize; //Firefox
window .onload = resize; //Firefox
</script>
<table border="1" width="100%" >
<tr>
<td align="center"><input id="button1" type="button" value="Talk!"
onclick="button1Click();"></td>
<td align="center"><input id="label" type="text" style="text-align:center"></td>
<td align="center"><input id="button2" type="button" value="Clear"
onclick="button2Click();"></td>
</tr>
</table>
</body>
</html>
```