

Mr. Giansante



JavaScript Examples

November 2009

Table of Contents

Introduction to JavaScript.....	2
"Back" Button	3
Status Bar Message	3
Pop-up Windows	3
Background Color Selector	4
Hyperlinks Using a Dropdown List	4
Rollover Buttons.....	5
Creating Images for Rollover Buttons	5
Date and Time in Status Bar	6



Introduction to JavaScript

JavaScript is a language that allows a web page to include commands to be executed by the web browser. For example, you may wish your web page to have dialog boxes that appear when the user clicks on certain places.

The name comes from the fact that JavaScript shares some syntax and object-oriented features with Java, but they are actually quite different languages. JavaScript commands are interpreted by the web browser, rather than being compiled into byte-code as Java programs are. JavaScript is easier to learn than Java (particularly if you already know HTML) but, unlike Java, it does not have the features of a complete programming language.

Source:
Dictionary of Computer and Internet Terms (6th Edition)
Downing, Covington and Covington
©1998 by Barrons's Educational Series, Inc.

When typing JavaScript code, be aware of double quotes (") and single quotes ('). Also, javascript is case-sensitive, which means you need to type the uppercase and lowercase characters exactly as they appear in the examples.

JavaScript Examples

"Back" Button

This code will create a button that will allow the user to go backwards one page in the browser's history.

```
<input type="button" name="mybutton1" value="Click here to go back"
      onClick="history.back()">
```

Status Bar Message on Link Hover

This code will display a message in the status bar when the user "hovers" the mouse over a link.

```
<a href="link.html" onMouseOver="window.status=' your message here'; return true"
  onMouseOut="window.status=' ' ; return true">name of link here here! </a>
```

Popup Windows

This code will display a pop-up window when the user clicks on a button...

```
<form>
<input type="button" value="New Window!"
      onClick="window.open(' http://www.lincoln.edu.ar/index.html ',
        'mywindow', 'width=400,height=200')">
</form>
```

This code will display a pop-up window when the page is opened ...

```
<body onload="window.open(' http://www.lincoln.edu.ar/index.html ',
  'newWindow', 'scrollbars=0,resizable=0,height=300,width=450')">
```

JavaScript Examples

Background Color Selector Using a Dropdown List

This code will allow the user to select the background color of the webpage using a Dropdown list.

```
<form>

<select size="5" name="clr" onChange="document.bgColor=
    this.options[this.selectedIndex].value">

<option value="blue">blue
<option value="aquamarine">aquamarine
<option value="chocolate">chocolate
<option value="darkred">dark red
<option value="gold">gold
<option value="red">red
<option value="yellow">yellow
<option value="hotpink">hotpink
<option value="lime">lime
<option value="darkkhaki">dark khaki
<option value="cadetblue">cadet blue
<option value="darkgoldenrod">dark goldenrod
<option value="darkslateblue">dark slate
<option value="blue">blue
<option value="deeppink">deep pink
<option value="darksalmon">dark salmon
<option value="salmon">salmon
<option value="tan">tan
<option value="wheat">wheat
<option value="tomato">tomato
<option value="springgreen">springgreen
<option value="turquoise">turquoise
<option value="white" SELECTED>White

</select>

</form>
```

Hyperlinks Using a Dropdown List

This code will allow a user to select a link using a Dropdown list.

```
<form>

<select name="links"
    onChange="location.href=this.options[this.selectedIndex].value">

<option value="http://www.google.com">Google
<option value="http://www.yahoo.com">Yahoo!
<option value="http://www.lincoln.edu.ar">Lincoln
<option value="http://www.cnn.com">CNN

</select>

</form>
```

JavaScript Examples

Roll-Over Buttons

A roll-over effect is when an image changes when the mouse "hovers" over it. This is often seen in conjunction with hyperlinks.

To create this effect, you will need two images which are the same size.



This image is called computer1.gif



This image is called computer2.gif

The code to swap the two images uses two JavaScript functions (onMouseOver and onMouseOut) embedded inside an HTML image tag.

```

```

Note: When typing this code, be aware of double quotes (") and single quotes (').

To make the image a hyperlink ...

```
<a href="some_file.html" target="some_frame"></a>
```

Creating Images for Roll-Over Buttons

To create your buttons, you can use any graphics program such as **Paint** or **Adobe Photoshop**. Be sure to save the images as JPG, GIF or PNG.

There are also numerous websites which allow you to generate graphics and save them for free (see the box to the right for some examples).



WEBSITES

- www.netdenizen.com/buttonmill/glassy.php
- www.freebuttons.com/
- www.buttongenerator.com/
- www.tomaweb.com/buttons.asp
- cooltext.com/

JavaScript Examples

Date and Time in Status Bar

This code will display the current date and time in browser's status bar.

```
<html >
<head>
<title>Clock in the StatusBar Using JavaScript</title>
<script language="javascript">
speed=500;
tid = 0;

function StatusClock()
{
    window.status=new Date();
    tid=window.setTimeout("StatusClock()", speed);
}

function cleartid() {
    window.clearTimeout(tid);
}

// end-->
</script>
</head>
<body onLoad="StatusClock()" bgcolor="#000000" text="#FFFFFF" link="#0000FF"
vlink="#00FF00" alink="#00FF00">

... your page goes here ...

</body>
</html >
```