**Simple Banner Rotator With PHP, jQuery & MySQL**

**DEMO.PHP CODE**

<?php

// Error reporting:

error\_reporting(E\_ALL^E\_NOTICE);

require "connect.php";

require "banner.class.php";

$bannerResult = mysql\_query("SELECT \* FROM banners");

$banners = array();

while($row=mysql\_fetch\_assoc($bannerResult))

{

$banners[] = new Banner($row);

}

// Randomizing the $banners array:

shuffle($banners);

// Splitting the banners array into smaller arrays with 4 banners each:

$bannerGroups = array\_chunk($banners,4);

?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<title>Simple Banner Rotator With PHP, jQuery &amp; MySQL | Tutorialzine demo</title>

<link rel="stylesheet" type="text/css" href="styles.css" />

</head>

<body>

<h1>Simple Banner Rotator With PHP, jQuery &amp; MySQL</h1>

<h2><a href="http://tutorialzine.com/2010/04/simple-banner-rotator-with-php-jquery-mysql/">Go Back to the Tutorial &raquo;</a></h2>

<div id="main">

<!-- Two groups of banners -->

<ul class="bannerHolder">

<?php

// Looping through the first group:

foreach($bannerGroups[0] as $ban)

{

echo '<li>'.$ban->html().'</li>';

}

?>

</ul>

<ul class="bannerHolder">

<?php

// Looping through the second group:

foreach($bannerGroups[1] as $ban)

{

echo '<li>'.$ban->html().'</li>';

}

?>

</ul>

</div>

<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.4.2/jquery.min.js"></script>

<script type="text/javascript" src="script.js"></script>

</body>

**BANNER.CLASS CODE**

<?php

class Banner{

private $data = array();

public function \_\_construct($row){

$this->data = $row;

}

public function html(){

/\* This method returns the banner's HTML code \*/

$d = &$this->data;

$d['company'] = htmlspecialchars($d['company']);

return '

<div class="banner">

<a href="'.$d['url'].'">

<img src="img/banners/'.$d['image'].'" alt="'.$d['company'].'" width="125" height="125" />

</a>

<p class="companyInfo">Visit '.$d['company'].'</p>

<div class="cornerTL"></div>

<div class="cornerTR"></div>

<div class="cornerBL"></div>

<div class="cornerBR"></div>

</div>';

}

}

?>

**CONNECT.PHP CODE**

<?php

/\* Database config \*/

$db\_host = '';

$db\_user = '';

$db\_pass = '';

$db\_database = '';

/\* End config \*/

$link = @mysql\_connect($db\_host,$db\_user,$db\_pass) or die('Unable to establish a DB connection');

mysql\_set\_charset('utf8');

mysql\_select\_db($db\_database,$link);

?>

**STYLE.CSS CODE**

\*{

/\* A universal page reset \*/

margin:0;

padding:0;

}

body{

/\* Setting default text color, background and a font stack \*/

font-size:0.825em;

color:#666;

background-color:#fff;

font-family:Arial, Helvetica, sans-serif;

}

.bannerHolder{

/\* The main banner unordered list \*/

height:270px;

width:270px;

float:left;

margin:20px 15px;

padding:10px;

background:#f7f7f7;

border:1px solid #eee;

/\* CSS3 rounded corners \*/

-moz-border-radius:12px;

-webkit-border-radius:12px;

border-radius:12px;

}

.bannerHolder li{

/\* Disabling the bullet of the li elements: \*/

list-style:none;

display:inline;

}

.banner{

/\* The banner divs \*/

position:relative;

width:125px;

height:125px;

overflow:hidden;

float:left;

margin:5px;

}

.banner img{

/\* The banner divs \*/

display:block;

border:none;

}

.banner div{

/\* The dark animated divs \*/

position:absolute;

z-index:100;

background-color:#222;

width:60px;

height:60px;

cursor:pointer;

/\* Setting a really big value for border-radius

will make the divs perfect circles \*/

-moz-border-radius:100px;

-webkit-border-radius:100px;

border-radius:100px;

}

/\* Positioning the animated divs outside the

corners of the visible banner area: \*/

.banner .cornerTL{ left:-63px;top:-63px; }

.banner .cornerTR{ right:-63px;top:-63px; }

.banner .cornerBL{ left:-63px;bottom:-63px; }

.banner .cornerBR{ right:-63px;bottom:-63px; }

.banner p{

/\* The "Visit Company" text \*/

display:none; /\* hidden by default \*/

left:0;

top:57px;

width:100%;

z-index:200;

position:absolute;

font-family:Tahoma, Arial, Helvetica, sans-serif;

color:white;

font-size:11px;

text-align:center;

cursor:pointer;

}

/\* The styles below are only necessary for the styling of the demonstration page: \*/

#main{

position:relative;

margin:0 auto 30px;

width:660px;

}

h1{

padding:30px 0;

text-align:center;

text-shadow:0 1px 1px white;

margin-bottom:30px;

background-color:#f8f8f8;

}

h2{

font-size:14px;

font-weight:normal;

text-align:center;

position:absolute;

right:40px;

top:40px;

}

h1,h2{

font-family:"Myriad Pro",Arial,Helvetica,sans-serif;

}

a, a:visited {

color:#0196e3;

text-decoration:none;

outline:none;

}

a:hover{

text-decoration:underline;

}

**SCRIPT.JS CODE**

**$(document).ready(function(){**

**// Lowering the opacity of all slide in divs**

**$('.banner div').css('opacity',0.4);**

**// Using the hover method**

**$('.banner').hover(function(){**

**// Executed on mouseenter**

**var el = $(this);**

**// Find all the divs inside the banner div,**

**// and animate them with the new size**

**el.find('div').stop().animate({width:200,height:200},'slow',function(){**

**// Show the "Visit Company" text:**

**el.find('p').fadeIn('fast');**

**});**

**},function(){**

**// Executed on moseleave**

**var el = $(this);**

**// Hiding the text**

**el.find('p').stop(true,true).hide();**

**// Animating the divs**

**el.find('div').stop().animate({width:60,height:60},'fast');**

**}).click(function(){**

**// When clicked, open a tab with the address of the hyperlink**

**window.open($(this).find('a').attr('href'));**

**});**

**});**

**TABLE.SQL**

--

-- Table structure for table `banners`

--

CREATE TABLE `banners` (

`id` int(6) unsigned NOT NULL auto\_increment,

`image` varchar(64) collate utf8\_unicode\_ci NOT NULL default '',

`company` varchar(64) collate utf8\_unicode\_ci NOT NULL default '',

`url` varchar(255) collate utf8\_unicode\_ci NOT NULL default '',

PRIMARY KEY (`id`)

) ENGINE=MyISAM DEFAULT CHARSET=utf8 COLLATE=utf8\_unicode\_ci;

--

-- Dumping data for table `banners`

--

INSERT INTO `banners` VALUES(1, 'mailChimp.jpg', 'Mail Chimp', 'http://www.mailchimp.com/');

INSERT INTO `banners` VALUES(2, 'psd2html.jpg', 'PSD to HTML', 'http://www.psd2html.com/');

INSERT INTO `banners` VALUES(3, 'themeForest.gif', 'Theme Forest', 'http://themeforest.net/');

INSERT INTO `banners` VALUES(4, 'gomedia.jpg', 'Go Media', 'http://www.gomedia.us/');

INSERT INTO `banners` VALUES(5, 'siteGrinder.jpg', 'Site Grinder', 'http://medialab.com/sitegrinder3/preview/');

INSERT INTO `banners` VALUES(6, 'bestDesigns.jpg', 'The Best Designs', 'http://www.thebestdesigns.com/');

INSERT INTO `banners` VALUES(7, 'rapidHTML.png', 'Rapid HTML', 'http://www.rapidxhtml.com/');

INSERT INTO `banners` VALUES(8, 'themeLayouts.gif', 'Theme Layouts', 'http://www.themelayouts.com/');