

source: [xavins-review-ratings / trunk / xavins-review-ratings.php](#)

Last change on this file was 227570, checked in by XavinNydek, 15 years ago

Version 1.4

File size: 13.4 KB

Line	
1	<code><?php</code>
2	<code>/*</code>
3	<code>Plugin Name: Xavin's Review Ratings</code>
4	<code>Plugin URI: http://jonathanspence.com/software/wordpress-plugins/xavins-review-ratings/</code>
5	<code>Description: Adds a shortcode tag [xrr rating=4/5] to display a rating.</code>
6	<code>Version: 1.4.0</code>
7	<code>Author: Jonathan 'Xavin' Spence</code>
8	<code>Author URI: http://jonathanspence.com/</code>
9	<code>*/</code>
10	
11	<code>/* Copyright 2008 Jonathan Spence (email : gpl@jonathanspence.com)</code>
12	
13	<code> This program is free software; you can redistribute it and/or modify</code>
14	<code> it under the terms of the GNU General Public License as published by</code>
15	<code> the Free Software Foundation; either version 2 of the License, or</code>
16	<code> (at your option) any later version.</code>
17	
18	<code> This program is distributed in the hope that it will be useful,</code>
19	<code> but WITHOUT ANY WARRANTY; without even the implied warranty of</code>
20	<code> MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the</code>
21	<code> GNU General Public License for more details.</code>
22	
23	<code> You should have received a copy of the GNU General Public License</code>
24	<code> along with this program; if not, write to the Free Software</code>
25	<code> Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA</code>
26	<code>*/</code>
27	
28	<code>// Pre-2.6 compatibility</code>
29	<code>if (! defined('WP_CONTENT_URL'))</code>
30	<code> define('WP_CONTENT_URL', get_option('siteurl') . '/wp-content');</code>
31	<code>if (! defined('WP_CONTENT_DIR'))</code>
32	<code> define('WP_CONTENT_DIR', ABSPATH . 'wp-content');</code>
33	<code>if (! defined('WP_PLUGIN_URL'))</code>
34	<code> define('WP_PLUGIN_URL', WP_CONTENT_URL . '/plugins');</code>
35	<code>if (! defined('WP_PLUGIN_DIR'))</code>
36	<code> define('WP_PLUGIN_DIR', WP_CONTENT_DIR . '/plugins');</code>
37	
38	<code>define('XRR_VERSION', '1.4.0');</code>
39	<code>define('XRR_DEFAULT_SINGLE_TEMPLATE', '<p><strong class="rating">*label*&nbsp;*rating*</p>');</code>
40	<code>define('XRR_DEFAULT_GROUP_TEMPLATE', '<tr><td><strong class="ratingGroup">*label*</td><td>*rating*</td></tr>');</code>
41	<code>define('XRR_DEFAULT_GROUP_FRAME_TEMPLATE', '<table><tbody>*ratings*</tbody></table>');</code>
42	<code>define('XRR_DEFAULT_IMAGE_TEMPLATE', '');</code>
43	
44	<code>// sets the default options</code>
45	<code>function xrr_set_default_options() {</code>
46	<code> update_option('xrr_single_template', XRR_DEFAULT_SINGLE_TEMPLATE);</code>
47	<code> update_option('xrr_group_template', XRR_DEFAULT_GROUP_TEMPLATE);</code>
48	<code> update_option('xrr_group_frame_template', XRR_DEFAULT_GROUP_FRAME_TEMPLATE);</code>

```

49     update_option('xrr_image_template', XRR_DEFAULT_IMAGE_TEMPLATE);
50     update_option('xrr_max_stars', '5');
51     update_option('xrr_display_as', 'stars'); // 'stars' 'percentage' 'fraction' 'textstars'
'fraction_stars'
52     update_option('xrr_max_fraction', '4'); // none=1 half=2 quarter=4
53     update_option('xrr_label', 'Rating:');
54     update_option('xrr_imageset', 'default');
55     update_option('xrr_fraction_separator', '/');
56     update_option('xrr_always_show_decimal', 'false');
57     update_option('xrr_version', XRR_VERSION);
58 }
59
60 // checks to make sure options added in new versions exist
61 function xrr_check_for_upgrade() {
62     if (get_option('xrr_version') != XRR_VERSION) {
63
64         // we need to upgrade
65         $old_version = get_option('xrr_version');
66
67         if ($old_version === false) { // 1.2, didn't have version option
68             // 1.2 => 1.3
69             update_option('xrr_image_template', XRR_DEFAULT_IMAGE_TEMPLATE);
70             delete_option('xrr_image_path');
71             delete_option('xrr_image_extension');
72             $old_version = '1.3';
73         }
74
75         if ($old_version === '1.3') {
76             // 1.3 => 1.3.1
77             update_option('xrr_always_show_decimal', 'false');
78             $old_version = '1.3.1';
79         }
80
81         if ($old_version === '1.3.1') {
82             // 1.3.1 => 1.4
83             $old_version = '1.4.0';
84         }
85
86         update_option('xrr_version', XRR_VERSION);
87     }
88 }
89
90 // add the options page to admin
91 function xrr_add_pages() {
92     add_options_page("Xavin's Review Ratings", "X Review
Ratings", 8, basename(__FILE__), 'xrr_options_page');
93 }
94
95 // display options page
96 function xrr_options_page() {
97     include 'xavins-review-ratings-options.php';
98     xrr_options_main();
99 }
100
101 function is_whole_num($num) {
102     return((intval($num) - $num) == 0);
103 }
104
105 // converts the rating into a percentage
106 function xrr_get_intermediate_rating($score, &$max_stars) {
107
108     if (strpos($score, '/') != 0) { // fraction
109         $parts = explode('/', $score);

```

```

Line
110         $rating = round( ($parts[0] / $parts[1]) * 100);
111         $max_stars = $parts[1]; // pass back the denominator to be the new max_fraction, assuming they
set it implicitly
112
113     } elseif (strpos($score, '%') != 0) { // percentage
114         $parts = explode('%', $score);
115         $rating = (int) $parts[0];
116
117     } else {
118         $rating = 0;
119     }
120
121     return $rating;
122 }
123
124 // converts the percentage into the final star value
125 function xrr_get_final_rating($intermediate_score, $max_stars, $max_fraction) {
126
127     $stars = $intermediate_score / 100 * $max_stars;
128     $stars = round($stars * $max_fraction);
129     $stars = $stars / $max_fraction;
130
131     return $stars;
132 }
133
134 function xrr_process_image_template($content, $imageurl, $textstars, $fraction, $percentage) {
135
136     $content = str_replace('*imageurl*', $imageurl, $content);
137     $content = str_replace('*textstars*', $textstars, $content);
138     $content = str_replace('*percentage*', $percentage.'%', $content);
139     $content = str_replace('*fraction*', $fraction, $content);
140
141     return $content;
142 }
143
144 function xrr_get_imageset_extension($path) {
145     $star_file = $path.'/star';
146
147     if (file_exists($star_file.'.png')) {
148         return '.png';
149
150     } elseif (file_exists($star_file.'.gif')) {
151         return '.gif';
152
153     } elseif (file_exists($star_file.'.jpg')) {
154         return '.jpg';
155     }
156     return '';
157 }
158
159 function xrr_render_stars($stars, $score, $atts, $use_images) {
160     extract($atts);
161
162     $imageset_name = $atts['imageset'];
163     global $xrr_imageset_loc;
164     global $xrr_imageset_extension;
165     if (!is_array($xrr_imageset_loc)) {
166         $xrr_imageset_loc = array();
167         $xrr_imageset_extension = array();
168     }
169
170     if (!$xrr_imageset_loc[$imageset_name]) {
171

```

Line	
172	<code>// find the location of the current imageset</code>
173	<code>if(file_exists(WP_PLUGIN_DIR.'/xavins-review-ratings/'.\$imageset_name)) {</code>
174	<code> // this is an imageset distributed with the plugin</code>
175	<code>\$xrr_imageset_extension[\$imageset_name] = xrr_get_imageset_extension(WP_PLUGIN_DIR.'/xavins-review-</code>
	<code>ratings/'.\$imageset_name);</code>
176	<code> \$xrr_imageset_loc[\$imageset_name] = WP_PLUGIN_URL.'/xavins-review-</code>
	<code>ratings/'.\$imageset_name.'/';</code>
177	
178	<code> } else {</code>
179	<code> \$wud = wp_upload_dir();</code>
180	
181	<code> if (file_exists(\$wud['basedir'].'/xavins-review-ratings/'.\$imageset_name)) {</code>
182	<code> // this is a user uploaded imageset</code>
183	<code>\$xrr_imageset_extension[\$imageset_name] = xrr_get_imageset_extension(\$wud['basedir'].'/xavins-review-</code>
	<code>ratings/'.\$imageset_name);</code>
184	<code> \$xrr_imageset_loc[\$imageset_name] = \$wud['baseurl'].'/xavins-review-</code>
	<code>ratings/'.\$imageset_name.'/';</code>
185	<code> } else {</code>
186	<code> // can't find it at all</code>
187	<code> \$xrr_imageset_extension[\$imageset_name] = '';</code>
188	<code> \$xrr_imageset_loc[\$imageset_name] = '#';</code>
189	<code> }</code>
190	<code>}</code>
191	
192	<code>}</code>
193	
194	<code>\$image_extension = \$xrr_imageset_extension[\$imageset_name];</code>
195	<code>\$imageset_url = \$xrr_imageset_loc[\$imageset_name];</code>
196	
197	<code>// how many full stars</code>
198	<code>\$full_stars = floor(\$stars);</code>
199	
200	<code>// how many partial stars</code>
201	<code>\$fraction = \$stars - \$full_stars;</code>
202	<code>switch(\$fraction) {</code>
203	<code> case 0.25:</code>
204	<code> \$mid_star = 'quarter_star';</code>
205	<code> \$mid_star_text = '&frac14;';</code>
206	<code> break;</code>
207	<code> case 0.5:</code>
208	<code> \$mid_star = 'half_star';</code>
209	<code> \$mid_star_text = '&frac12;';</code>
210	<code> break;</code>
211	<code> case 0.75:</code>
212	<code> \$mid_star = 'threequarter_star';</code>
213	<code> \$mid_star_text = '&frac34;';</code>
214	<code> break;</code>
215	<code> default:</code>
216	<code> \$mid_star = '';</code>
217	<code> \$mid_star_text = '';</code>
218	<code> break;</code>
219	<code>}</code>
220	
221	<code>// how many empty stars</code>
222	<code>if (\$mid_star == '') {</code>
223	<code> \$partial_star = 0;</code>
224	<code> \$blank_stars = \$max_stars - \$full_stars;</code>
225	<code>} else {</code>
226	<code> \$partial_star = 1;</code>
227	<code> \$blank_stars = \$max_stars - \$full_stars - 1;</code>
228	<code>}</code>
229	

```

Line
230 // render the stars
231 $final_fraction = xrr_render_fraction($stars, $atts);
232 if ($use_images === 'true') {
233
234     $content_images = '';
235     // full stars
236 $templated = xrr_process_image_template(get_option('xrr_image_template'), $imageset_url.'star'.$image_extension
, '&#9733;', $final_fraction, $score);
237     $content_images .= str_repeat ($templated, $full_stars);
238     // partial star
239 $templated = xrr_process_image_template(get_option('xrr_image_template'), $imageset_url.$mid_star.$image_extens
ion, $mid_star_text, $final_fraction, $score);
240     $content_images .= str_repeat ($templated, $partial_star);
241     // empty stars
242 $templated = xrr_process_image_template(get_option('xrr_image_template'), $imageset_url.'blank_star'.$image_ext
ension, '&#9734;', $final_fraction, $score);
243     $content_images .= str_repeat ($templated, $blank_stars);
244
245     $content .= $content_images;
246
247 } else {
248     $content .= str_repeat ('&#9733;' , $full_stars);
249     $content .= str_repeat ($mid_star_text , $partial_star);
250     $content .= str_repeat ('&#9734;' , $blank_stars);
251 }
252
253 return $content;
254 }
255
256
257 function xrr_render_fraction($stars, $atts) {
258     $frac = $stars;
259     if (is_whole_num($stars) && $atts['always_show_decimal'] === 'true')
260         $frac .= '.0';
261     $frac .= $atts['fraction_separator'];
262     $frac .= $atts['max_stars'];
263     if (is_whole_num($atts['max_stars']) && $atts['always_show_decimal'] === 'true')
264         $frac .= '.0';
265
266     return $frac;
267 }
268
269 function xrr_render_percentage($score, $atts) {
270     return $score.'%';
271 }
272
273
274 function xrr_defaults_array() {
275     $defaults = array(
276         'rating' => '',
277         'max_stars' => (int)get_option('xrr_max_stars'),
278         'display_as' => get_option('xrr_display_as'),
279         'max_fraction' => (int)get_option('xrr_max_fraction'),
280         'group' => 'xrr',
281         'overall' => 'false',
282         'label' => get_option('xrr_label'),
283         'escape' => 'false',
284         'imageset' => get_option('xrr_imageset'),
285         'fraction_separator' => get_option('xrr_fraction_separator'),
286         'always_show_decimal' => get_option('xrr_always_show_decimal') );
287

```

```

Line
288         return $defaults;
289
290     }
291
292     // replaces the [xrr] shortcode with the rating
293     function xrr_process($args = array(), $inner_text=null) {
294         global $xrr_in_grouping;
295         global $xrr_grouping_atts;
296
297         if ($xrr_in_grouping != true)
298             $atts = shortcode_atts(xrr_defaults_array(), $args );
299         else
300             $atts = shortcode_atts($xrr_grouping_atts, $args );
301
302         extract($atts);
303
304         if ($escape != 'true') {
305
306             ***** Score Calculation
307             global $xrr_scores;
308
309             if ($overall === 'true') {
310                 // this is an average rating
311                 if ($xrr_scores[$group]) {
312                     $score = round( array_sum($xrr_scores[$group])/count($xrr_scores[$group]) );
313                 } else {
314                     $score = 0;
315                 }
316
317             } else {
318                 // a normal rating
319                 $score = xrr_get_intermediate_rating($rating, $max_stars);
320
321                 if (array_key_exists('max_stars', $args)) {
322                     $max_stars = $atts['max_stars']; // they explicitly used the max_stars tag, so
323                     ignore the denominator of the rating
324                 } else {
325                     $atts['max_stars'] = $max_stars; // assume they want to set the new max_stars
326                     value implicitly from the rating denominator
327                 }
328
329                 if (!$xrr_scores[$group])
330                     $xrr_scores[$group] = array();
331                 array_push($xrr_scores[$group], $score);
332             }
333
334             ***** Render Rating
335
336             if ($xrr_in_grouping != true)
337                 $content = get_option('xrr_single_template');
338             else
339                 $content = get_option('xrr_group_template');
340
341             if (is_feed() && $display_as === 'stars') {
342                 // only show the text
343                 $display_as = 'textstars';
344             }
345
346             $star_render = '';
347             $stars = xrr_get_final_rating($score, $max_stars, $max_fraction);
348             $display_types = explode('_', $display_as);
349
350             foreach ($display_types as $value) {

```

one post

this

```
switch($value) {
    case 'stars':
        $star_render .= xrr_render_stars($stars, $score, $atts, 'true');
        break;

    case 'textstars':
        $star_render .= xrr_render_stars($stars, $score, $atts, 'false');
        break;

    case 'percentage':
        $star_render .= xrr_render_percentage($score, $atts);
        break;

    case 'fraction':
        $star_render .= xrr_render_fraction($stars, $atts);
        break;
}
$star_render .= '&nbsp;';
}

// put any inner text after the rating. This is buggy in 2.6.1 if there are multiple tags in
if (!is_null($inner_text)) {
    $star_render .= $inner_text;
}

$content = str_replace('*label*', $label, $content);
$content = str_replace('*rating*', $star_render, $content);
} else {
    // escape is true, we want to show the shortcode instead of processing it
    $content = '[xrr';
    foreach ($args as $key => $value) {
        if ($key != 'escape')
            $content .= ' '.$key.'="'.$value.'";'
    }
    $content .= ']';
}

return $content;
}

// Processes [xrrgroup] shortcode
function xrrgroup_process($args = '', $inner_text=null) {
    $atts = shortcode_atts(xrr_defaults_array(), $args );

    extract($atts);

    if ($escape != 'true') {

        if (!is_null($inner_text)) {
            //strip out any <p>tags</p> as they will just mess up the table rendering
            //$inner_text = preg_replace('/<\/*p>/i', '', $inner_text); // wordpress can't handle
            //this

            global $xrr_in_grouping;
            global $xrr_grouping_atts;
            $xrr_in_grouping = true;
            $xrr_grouping_atts = $atts;
            $content = get_option('xrr_group_frame_template');
            $content = str_replace('*ratings*', do_shortcode($inner_text), $content);
            $xrr_in_grouping = false;
        }
    }
}
```

Line	
410	}
411	
412	} else {
413	<i>// escape is true, we want to show the shortcode instead of processing it</i>
414	\$content = '[xrrgroup]';
415	foreach (\$args as \$key => \$value) {
416	if (\$key != 'escape')
417	\$content .= ' '.\$key.'="'. \$value.' '";
418	}
419	\$content .= ']';
420	}
421	
422	return \$content;
423	
424	}
425	
426	xrr_check_for_upgrade();
427	
428	register_activation_hook(__FILE__, 'xrr_set_default_options');
429	
430	add_action('admin_menu', 'xrr_add_pages');
431	
432	add_shortcode('xrr', 'xrr_process');
433	add_shortcode('rating', 'xrr_process');
434	add_shortcode('xrrgroup', 'xrrgroup_process');
435	?>

[About](#)

[News](#)

[Hosting](#)

[Donate](#)

[Swag](#)

[Documentation](#)

[Developers](#)

[Get Involved](#)

[Learn](#)

[Showcase](#)

[Plugins](#)

[Themes](#)

[Patterns](#)

WordCamp

WordPress.TV

BuddyPress

bbPress

WordPress.com

Matt

Privacy

Public Code