

# WordPress and HTML validation

I stumbled on some problems during the validation process of this site. All errors were quite simple to understand, but still they did need a proper treatment (so to speak). In this post I'd like to show you how I managed to successfully validate this site.

## Bad rel attribute values

WordPress adds a lot of custom values to the `rel` attribute of links, especially on categories. Here's the fix:

```
function remove_category_list_rel($output) {  
    $output = str_replace(' rel="category tag"', '',  
$output);  
    return $output;  
}  
add_filter('wp_list_categories',  
'remove_category_list_rel');  
add_filter('the_category', 'remove_category_list_rel');
```

By doing so, you actually prevent WordPress from generating values that are not valid.

## Social buttons

If you want to use iframes for your social buttons, you should take into account the following criteria:

1. The `&` separator must be written as `&amp;`;
2. URI components must be properly encoded.
3. You can't use obsolete attributes, such as `frameborder`.

Here's how you can properly encode URI components:

```
function encodeURIComponent($str) {  
    $revert = array('%21'=>'!', '%2A'=>'*', '%27'=>'\"',  
    '%28'=>'(', '%29'=>')');  
    return strtr(rawurlencode($str), $revert);  
}
```

Point 3 is more complicated. Actually, you can't handle the visual appearance of your iframes only with CSS, because some default behaviors can't be overridden. So you have to cheat the validator:

```
if(!strstr($_SERVER['HTTP_USER_AGENT'], 'validator')) {  
  
    $border = ' frameborder="0"';  
  
}
```

Here's the complete code:

```
function tweet_button($layout = 'vertical', $via =  
'gabromanato') {  
  
    $title = get_the_title();  
    $link = get_permalink();  
    $border = '';  
  
    if(!strstr($_SERVER['HTTP_USER_AGENT'],  
'validator')) {  
  
        $border = ' frameborder="0"';  
  
    }  
  
    if($layout != 'vertical') {
```

```

        $html = '<iframe' . $border . '
src="http://platform.twitter.com/widgets/tweet_button.ht
ml?';

        $html .= 'url=' . $link . '&text=' .
encodeURIComponent($title) . '&count=' . $layout .
'&via=' . $via . '" style="width: 130px; height: 20px;">
</iframe>';

    } else {

        $html = '<iframe' . $border . '
src="http://platform.twitter.com/widgets/tweet_button.ht
ml?';

        $html .= 'url=' . $link . '&text=' .
encodeURIComponent($title) . '&count=' . $layout .
'&via=' . $via . '" style="width: 70px; height: 70px;
overflow: hidden;"></iframe>';

    }

    return $html;

}

```

Yes, it's not 100% politically correct but until browsers won't let you to stylize iframes properly, there's no other way if you want to use them.