

Créer votre propre shortcode



Montreal WordCamp 2015
@MichaelBontyes



Shortcode ?

[i-am-a-shortcode]

A shortcode is a **WordPress-specific code** that lets you **do nifty things** with very little effort. Shortcodes can embed files or create objects that would normally require lots of complicated, ugly code **in just one line**.

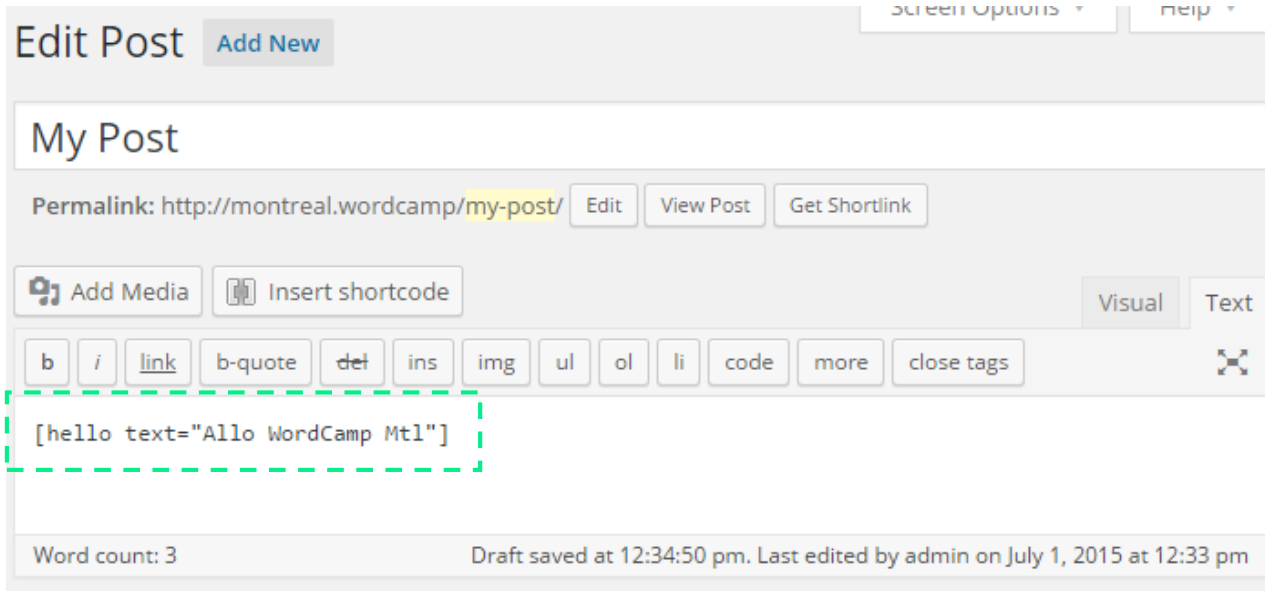
Shortcode = shortcut.

<https://en.support.wordpress.com/shortcodes/>



Où?

Page / Post



Edit Post [Add New](#)

My Post

Permalink: <http://montreal.wordcamp/my-post/> [Edit](#) [View Post](#) [Get Shortlink](#)

[Add Media](#) [Insert shortcode](#) [Visual](#) [Text](#)

[b](#) [i](#) [link](#) [b-quote](#) [del](#) [ins](#) [img](#) [ul](#) [ol](#) [li](#) [code](#) [more](#) [close tags](#)

[hello text="Allo WordCamp Mtl"]

Word count: 3 Draft saved at 12:34:50 pm. Last edited by admin on July 1, 2015 at 12:33 pm

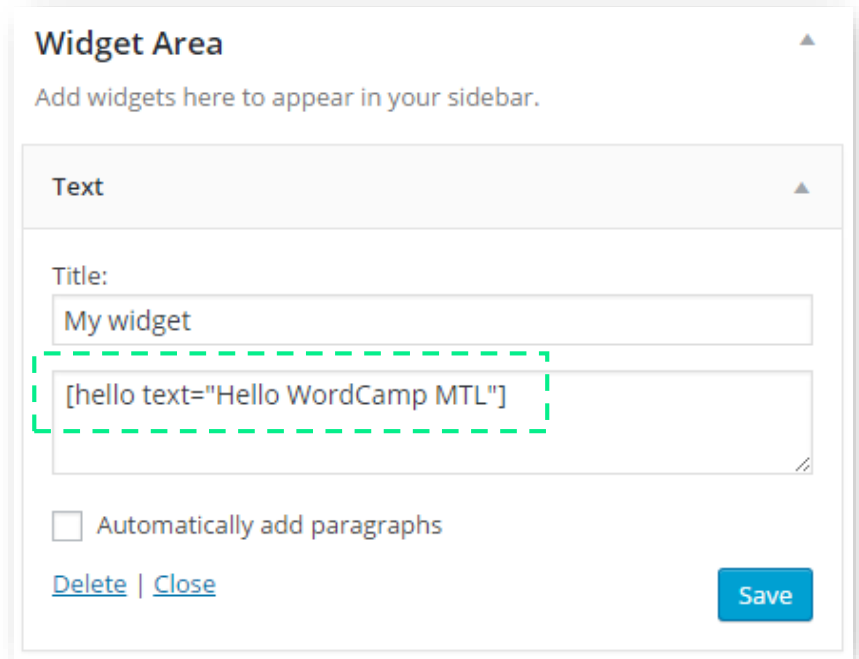
Inline – en PHP

```
// Use shortcode in a PHP file (outside the post editor).  
echo do_shortcode( '[hello]' );
```

Créer votre propre
shortcode



Apparence > Widget



Widget Area

Add widgets here to appear in your sidebar.

Text

Title:
My widget

[hello text="Hello WordCamp MTL"]

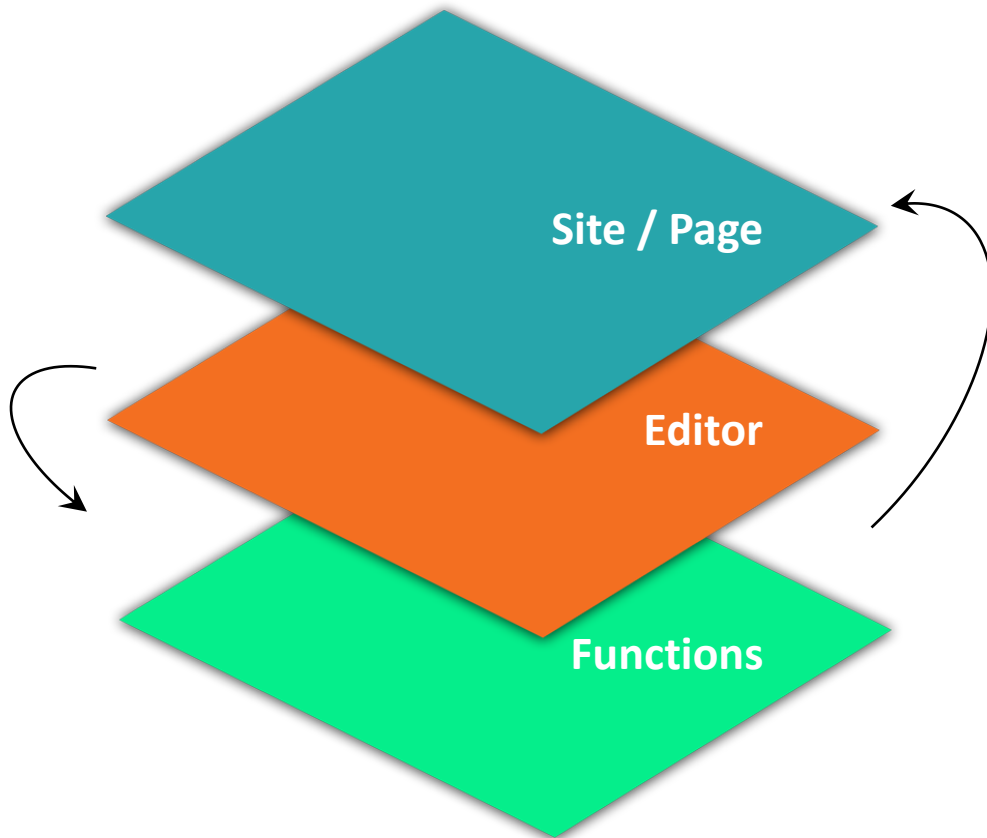
☐ Automatically add paragraphs

[Delete](#) | [Close](#) [Save](#)

https://codex.wordpress.org/Function_Reference/do_shortcode

Comment ça fonctionne ?

Créer votre propre
shortcode



Hello WordCamp Mtl !

B *I* ABC

[hello]

Word count: 3 Last edited by admin on July 1, 2015 at 1:43 pm

```
<?php
function hello() {
    return "Hello WordCamp Mtl !";
}
add_shortcode( 'hello' , 'hello' );
?>
```

Qui ?

Créer votre propre
shortcode



Wordpress.com ... & WordCamp.org!

[gallery type="rectangular"]



[dailymotion]
[flickr]
[kickstarter]
[youtube]
[audio]
[playlist]
[soundcloud]
[spotify]
[bandcamp]
[8tracks]
[gallery]
[instagram]
[slideshow]
[sitemap]
[contact-form]
[office]

<https://en.support.wordpress.com/shortcodes/>

Qui ?

Créer votre propre
shortcode



Jetpack.me

[jetpack_subscription_form]

Blog Subscriptions (Jetpack): Subscribe to Blog via Email ▼

Widget title:

Optional text to display to your readers:

Subscribe Button:

☒ Show total number of subscribers? (4 subscribers)

[Delete](#) | [Close](#) Visibility Save

[archives]
[digg]
[googlemaps]
[facebook]
[medium]
[polldaddy]
[recipe]
[twitter-timeline]

<http://jetpack.me/support/subscriptions/>

Qui ?

Créer votre propre
shortcode



Développeurs de thèmes



*Powerful
shortcodes !
-199\$ only*

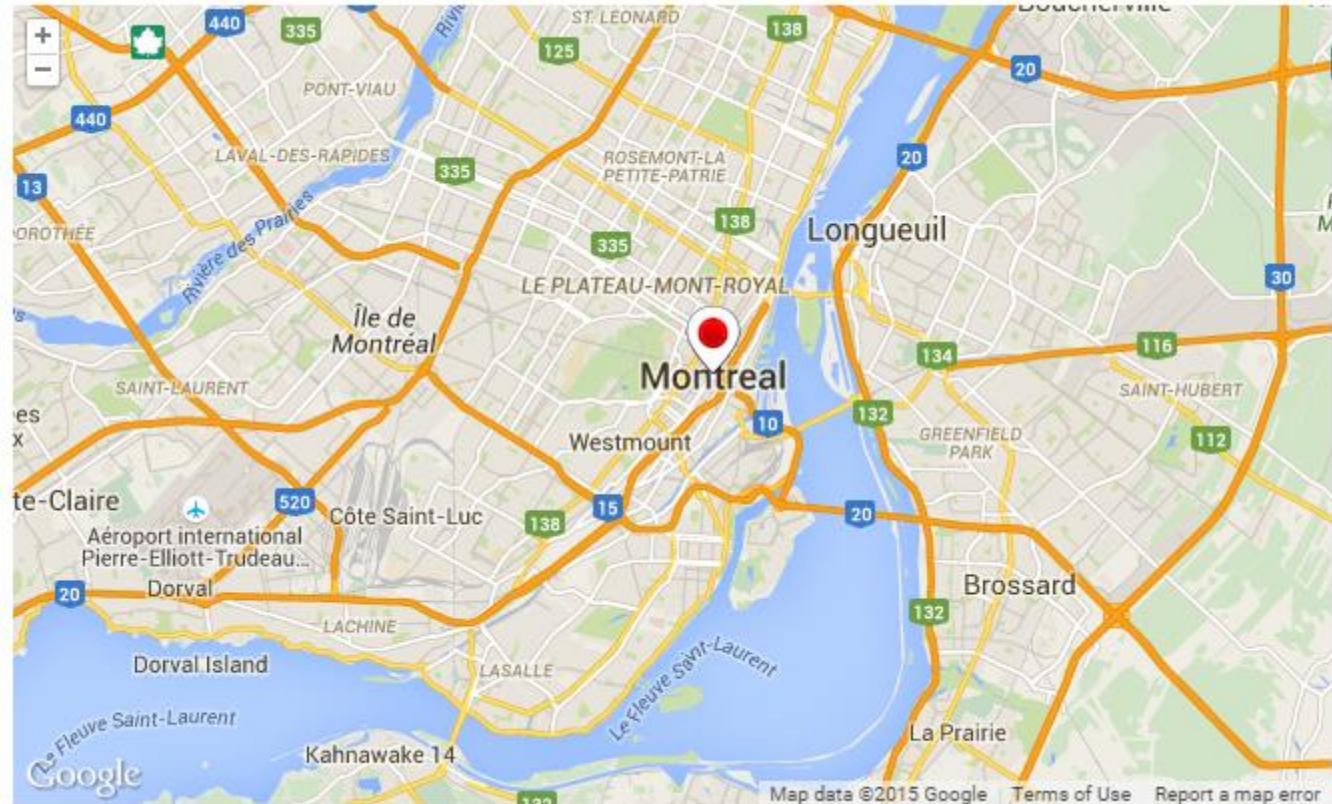
Qui ?

Créer votre propre
shortcode



Développeurs de plugins

[geo_mashup_map]



<https://github.com/cyberhobo/wordpress-geo-mashup/wiki/Getting-Started>

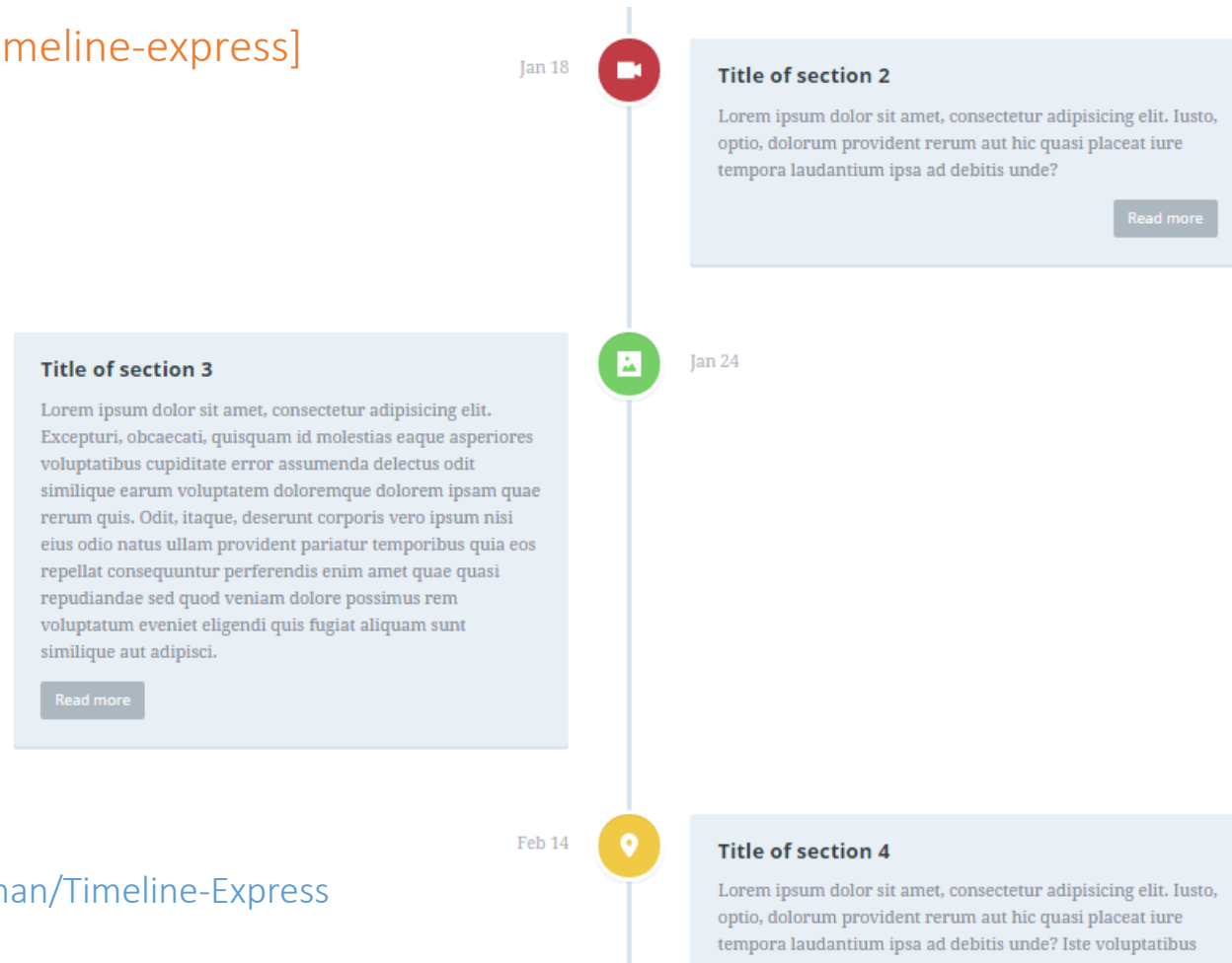
Qui ?

Créer votre propre
shortcode



Développeurs de plugins

[[timeline-express](#)]



Qui ?

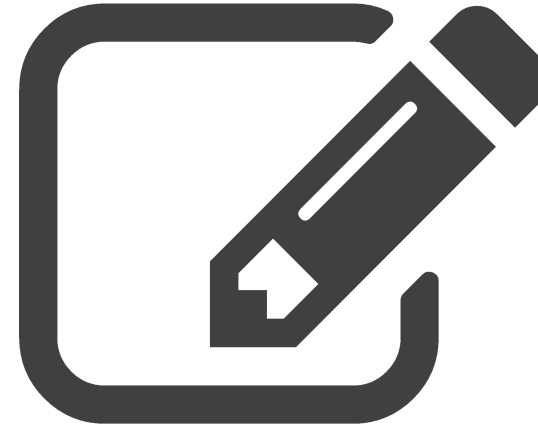
Créer votre propre
shortcode



Vous !

Besoin de quoi ?

Créer votre propre
shortcode



un peu de



Les étapes

Créer votre propre
shortcode



Simple

`add_shortcode()`

Paramétrable

`shortcode_atts()`

Flexible

`do_shortcode()`

Complexe

`ob_start()`



Simple `add_shortcode()`

Créer votre propre
shortcode



	Functions.php / includes / plugin	Shortcode
1	<pre><?php</pre>	<div>Résultat</div> <div></div>

Simple `add_shortcode()`

Créer votre propre
shortcode


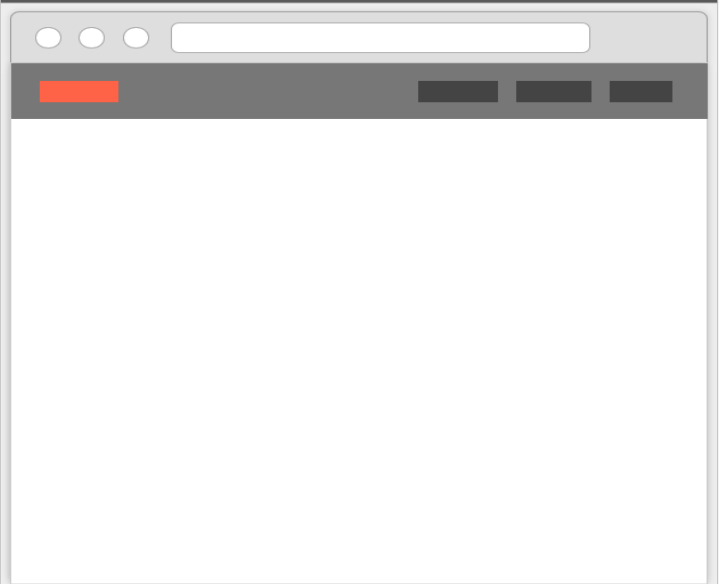


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8	<pre><?php // Create the function for the shortcode function message_maker() { } ?></pre>	
		<div>Résultat</div> <div></div>

Simple `add_shortcode()`

Créer votre propre
shortcode


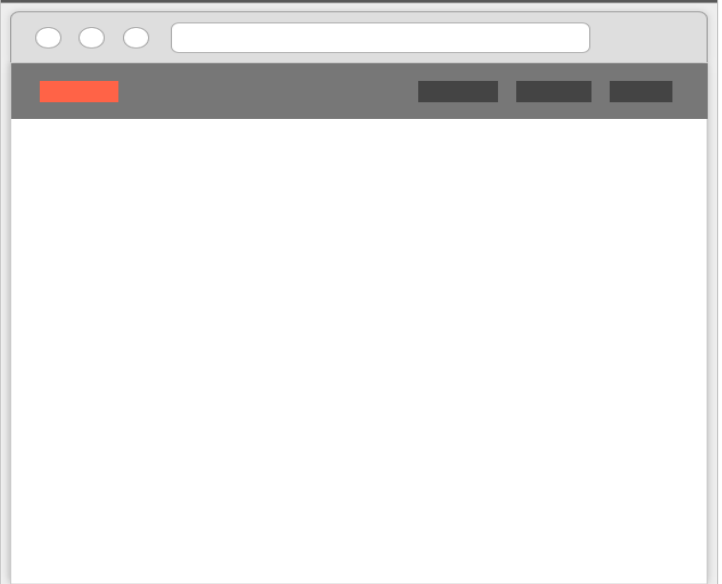


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10	<pre><?php // Create the function for the shortcode function message_maker() { return 'Hello WordCamp Mtl !'; } ?></pre>	<div>Résultat</div> <div></div>

Simple `add_shortcode()`

Créer votre propre
shortcode




	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13	<pre><?php // Create the function for the shortcode function message_maker() { return 'Hello WordCamp Mtl !'; } // Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div>Résultat</div> <div></div>

Simple `add_shortcode()`

Créer votre propre
shortcode


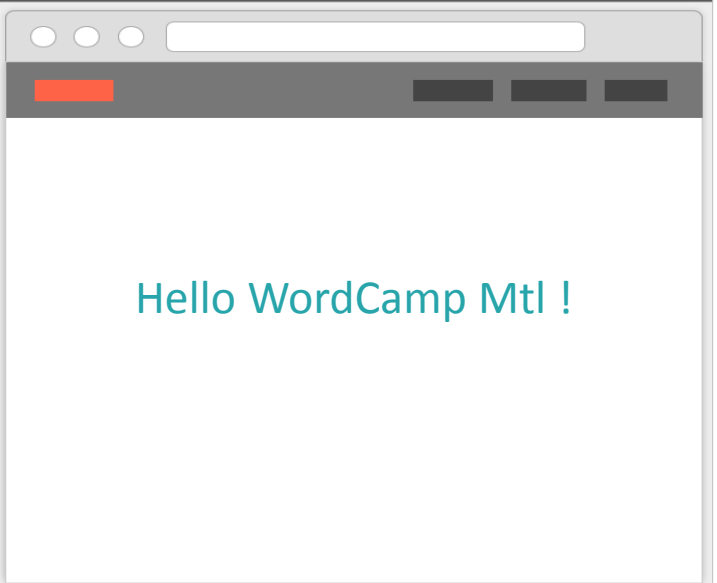


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13	<pre><?php // Create the function for the shortcode function message_maker() { return 'Hello WordCamp Mtl !'; } // Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div><p><code>[message]</code></p></div> <div><p>Résultat</p></div> <div></div>

Simple `add_shortcode()`

Créer votre propre
shortcode


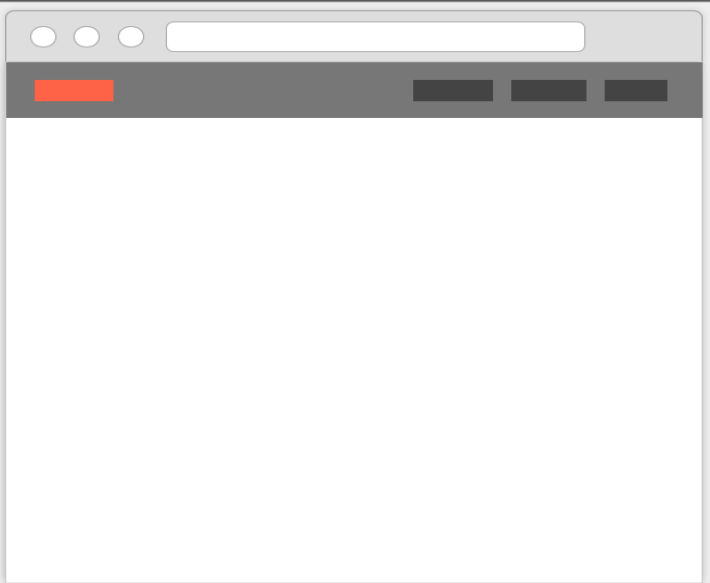


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13	<pre><?php // Create the function for the shortcode function message_maker() { return 'Hello WordCamp Mtl !'; } // Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div>Résultat</div>  <p>[message]</p> <p>Hello WordCamp Mtl !</p>

Simple

Créer votre propre
shortcode


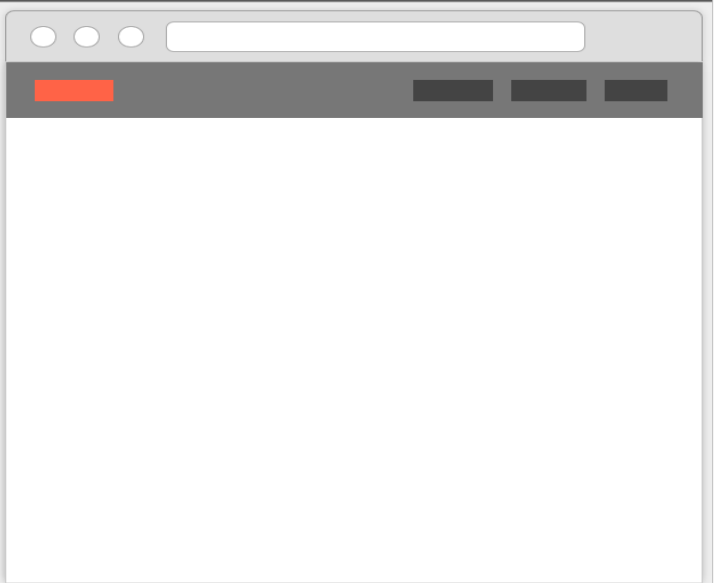


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13	<pre><?php // Create the function for the shortcode function current_year() { return date('Y'); } // Register the Shortcode using the API add_shortcode('year' , 'current_year'); ?></pre>	<div>Résultat</div> <div></div>

Simple

Créer votre propre
shortcode


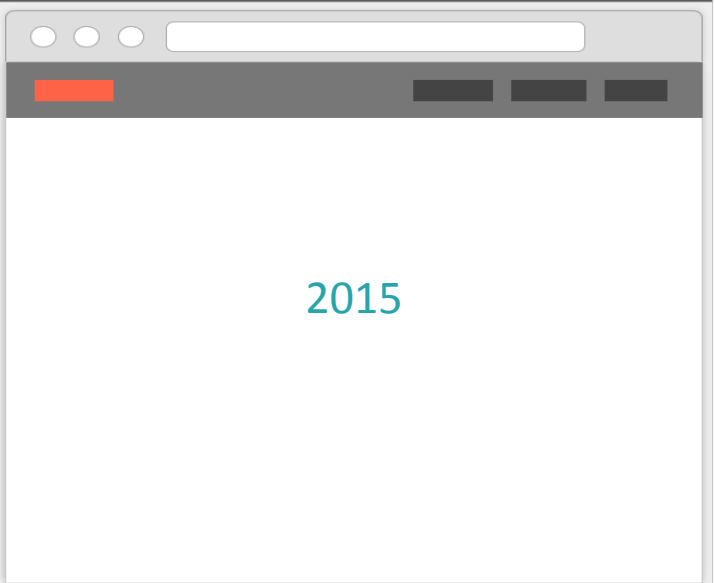


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13	<pre><?php // Create the function for the shortcode function current_year() { return date('Y'); } // Register the Shortcode using the API add_shortcode('year' , 'current_year'); ?></pre>	<div>Résultat</div> <div></div>

Simple

Créer votre propre
shortcode



	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13	<pre><?php // Create the function for the shortcode function current_year() { return date('Y'); } // Register the Shortcode using the API add_shortcode('year' , 'current_year'); ?></pre>	<div>Résultat</div>  <p>[year]</p> <p>2015</p>

Les étapes

Créer votre propre
shortcode



Simple

`add_shortcode()`

Paramétrable

`shortcode_atts()`

Flexible

`do_shortcode()`

Complexe

`ob_start()`



Paramétrable `shortcode_atts()`

Créer votre propre
shortcode


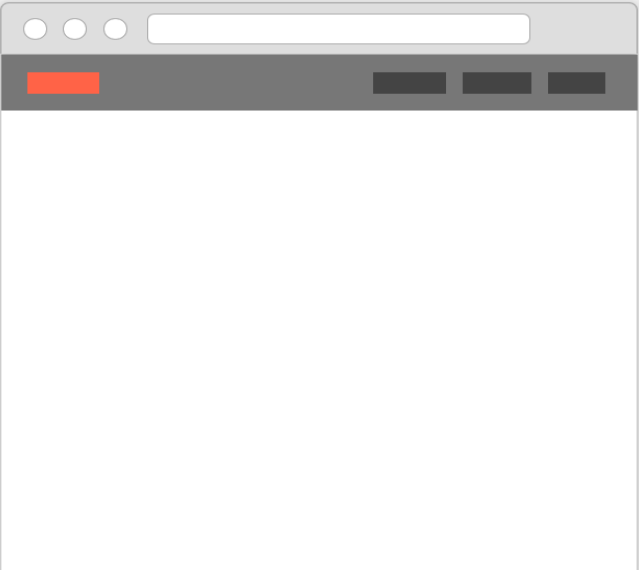


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9	<pre><?php // Create the shortcode function function lorem_ipsum() { } // Register the Shortcode using the API add_shortcode('lorem' , 'lorem_ipsum'); ?></pre>	<div>Résultat</div> <div></div>

Paramétrable `shortcode_atts()`

Créer votre propre
shortcode


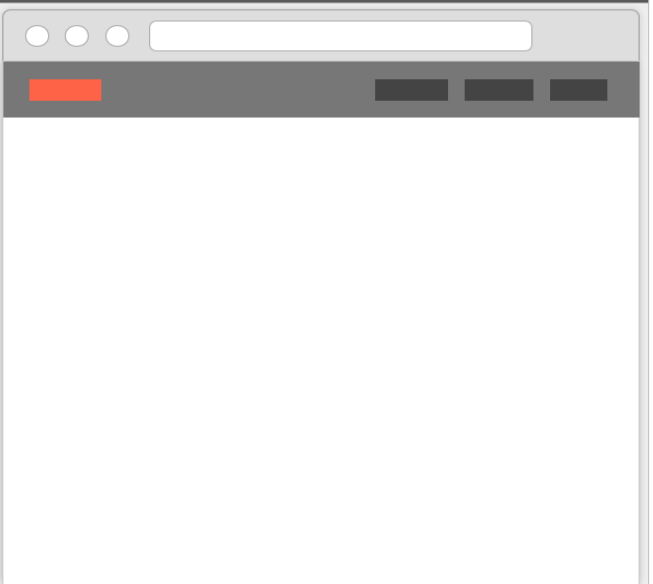


 Functions.php / includes / plugin	Shortcode
<pre>1 <?php 2 // Create the shortcode function 3 function lorem_ipsum(\$atts) { 4 5 // Handling the Attributes 6 \$a = shortcode_atts(array(7 'sentences' => 1 8), \$atts); 9 10 } 11 // Register the Shortcode using the API 12 add_shortcode('lorem' , 'lorem_ipsum'); 13 ?></pre>	<div>Résultat</div> <div></div>

Paramétrable `shortcode_atts()`

Créer votre propre
shortcode


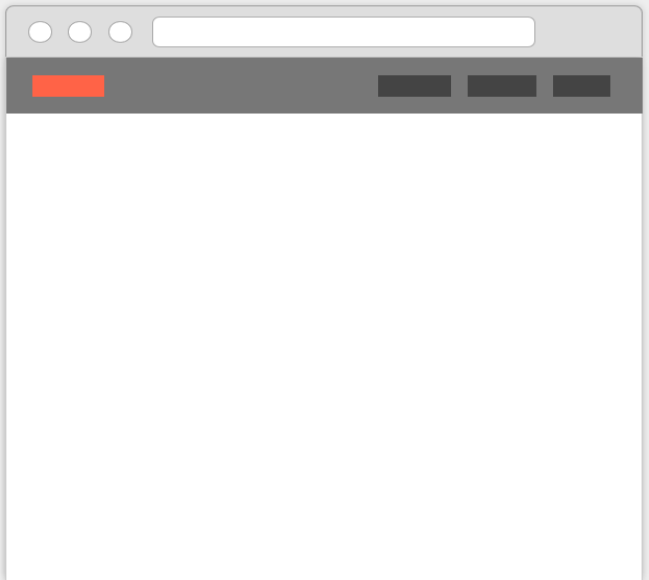


 Functions.php / includes / plugin	Shortcode
<pre>1 <?php 2 // Create the shortcode function 3 function lorem_ipsum(\$atts) { 4 5 // Handling the Attributes 6 \$a = shortcode_atts(array(7 'sentences' => 1 8), \$atts); 9 10 // Get the Lorem Ipsum 11 \$lorem_ipsum = get_lorem_ipsum(\$a['sentences']); 12 13 return \$lorem_ipsum; 14 } 15 // Register the Shortcode using the API 16 add_shortcode('lorem' , 'lorem_ipsum'); 17 ?></pre>	<div>Résultat</div> <div></div>

Paramétrable `shortcode_atts()`

Créer votre propre
shortcode


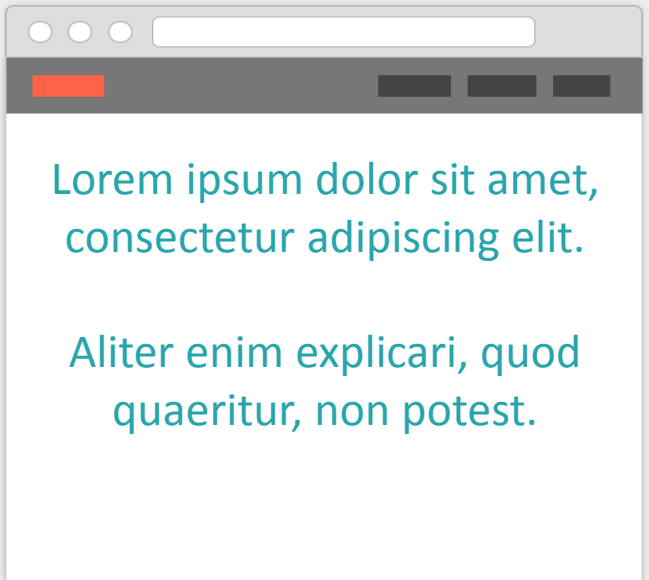


 Functions.php / includes / plugin	Shortcode
<pre>1 <?php 2 // Create the shortcode function 3 function lorem_ipsum(\$atts) { 4 5 // Handling the Attributes 6 \$a = shortcode_atts(array(7 'sentences' => 1 8), \$atts); 9 10 // Get the Lorem Ipsum 11 \$lorem_ipsum = get_lorem_ipsum(\$a['sentences']); 12 13 return \$lorem_ipsum; 14 } 15 // Register the Shortcode using the API 16 add_shortcode('lorem' , 'lorem_ipsum'); 17 ?></pre>	<p>[lorem sentences="2"]</p> <p>Résultat</p> 

Paramétrable `shortcode_atts()`

Créer votre propre
shortcode




 Functions.php / includes / plugin	Shortcode
<pre>1 <?php 2 // Create the shortcode function 3 function lorem_ipsum(\$atts) { 4 5 // Handling the Attributes 6 \$a = shortcode_atts(array(7 'sentences' => 1 8), \$atts); 9 10 // Get the Lorem Ipsum 11 \$lorem_ipsum = get_lorem_ipsum(\$a['sentences']); 12 13 return \$lorem_ipsum; 14 } 15 // Register the Shortcode using the API 16 add_shortcode('lorem' , 'lorem_ipsum'); 17 ?></pre>	<div><code>[lorem sentences="2"]</code></div> <div>Résultat</div> <div><p> Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p><p> Aliter enim explicari, quod quaeritur, non potest.</p></div>

Paramétrable `shortcode_atts()`

Créer votre propre
shortcode



 Functions.php / includes / plugin	Shortcode
<pre>1 <?php 2 // Create the shortcode function 3 function get_thumbnail(\$atts) { 4 // Handling the Attributes 5 \$a = shortcode_atts(array(6 'size' => 'thumbnail', 7 'class' => 'circle' 8), \$atts); 9 10 // Get the Thumbnail 11 echo get_the_post_thumbnail(12 get_option('page_on_front'), \$a['size'], 13 array('class' => \$a['class'])); 14 } 15 // Register the Shortcode using the API 16 add_shortcode('thumbnail' , 'get_thumbnail'); 17 ?></pre>	<div>Résultat</div> 

Paramétrable `shortcode_atts()`

Créer votre propre
shortcode



 Functions.php / includes / plugin	Shortcode
<pre>1 <?php 2 // Create the shortcode function 3 function get_thumbnail(\$atts) { 4 // Handling the Attributes 5 \$a = shortcode_atts(array(6 'size' => 'thumbnail', 7 'class' => 'circle' 8), \$atts); 9 10 // Get the Thumbnail 11 echo get_the_post_thumbnail(12 get_option('page_on_front'), \$a['size'], 13 array('class' => \$a['class'])); 14 } 15 // Register the Shortcode using the API 16 add_shortcode('thumbnail' , 'get_thumbnail'); 17 ?></pre>	<div><p>[thumbnail size="medium" class="circle"]</p></div> <div><p>Résultat</p></div> <div></div>

Paramétrable `shortcode_atts()`

Créer votre propre
shortcode



 Functions.php / includes / plugin	Shortcode
<pre>1 <?php 2 // Create the shortcode function 3 function get_thumbnail(\$atts) { 4 // Handling the Attributes 5 \$a = shortcode_atts(array(6 'size' => 'thumbnail', 7 'class' => 'circle' 8), \$atts); 9 10 // Get the Thumbnail 11 return get_the_post_thumbnail(12 get_option('page_on_front'), \$a['size'], 13 array('class' => \$a['class'])); 14 } 15 // Register the Shortcode using the API 16 add_shortcode('thumbnail' , 'get_thumbnail'); 17 ?></pre>	<p>[thumbnail size="medium" class="circle"]</p> <p>Résultat</p> <div></div>

Les étapes

Créer votre propre
shortcode



Simple

`add_shortcode()`

Paramétrable

`shortcode_atts()`

Flexible

`do_shortcode()`

Complexe


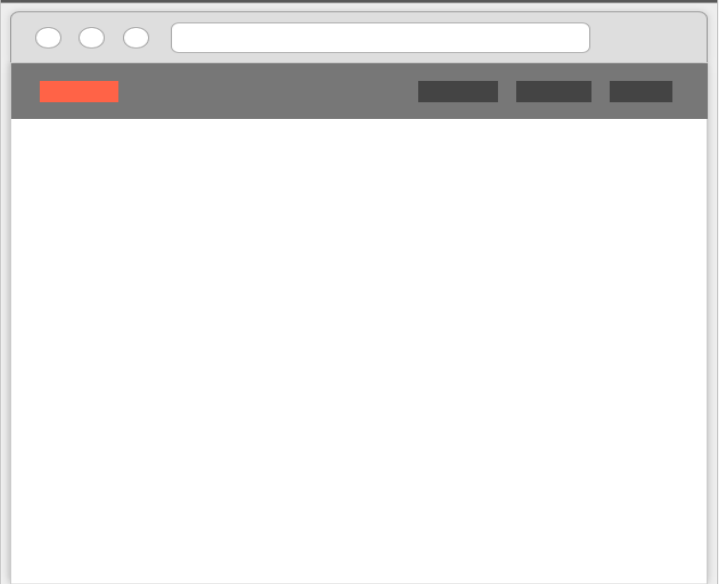
`ob_start()`



Flexible \$content

Créer votre propre
shortcode


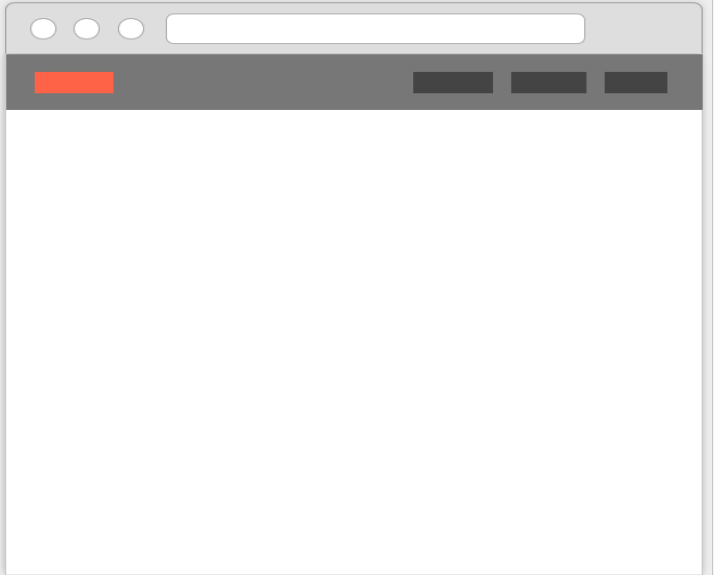


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11	<pre><?php // Create the function for the shortcode function message_maker(\$atts) { } // Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div>Résultat</div> <div></div>

Flexible `$content`

Créer votre propre
shortcode


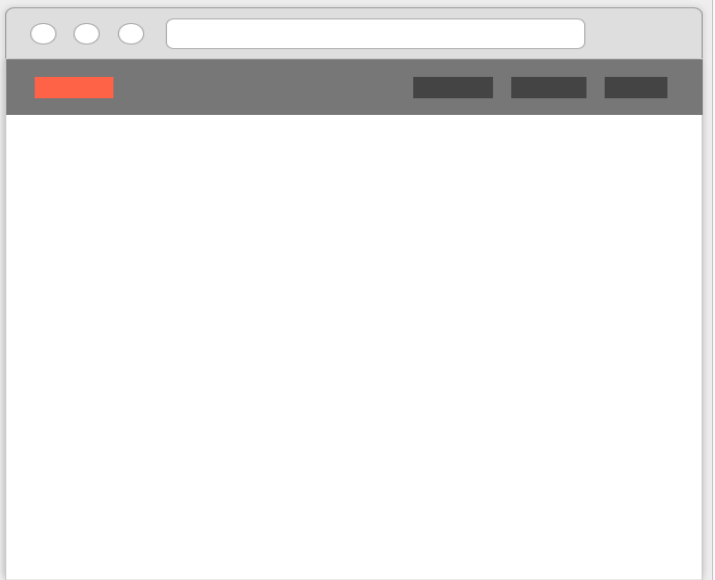


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13 14	<pre><?php // Create the function for the shortcode function message_maker(\$atts, \$content = null) { // Upper the \$content return strtoupper(\$content); } // Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div>Résultat</div> 

Flexible `$content`

Créer votre propre
shortcode





	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13 14	<pre><?php // Create the function for the shortcode function message_maker(\$atts, \$content = null) { // Upper the \$content return strtoupper(\$content); } // Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div><pre>[message] tout ce paragraphe devrait être en lettres capitales [/message]</pre></div> <div>Résultat</div> <div></div>

Flexible `$content`

Créer votre propre
shortcode


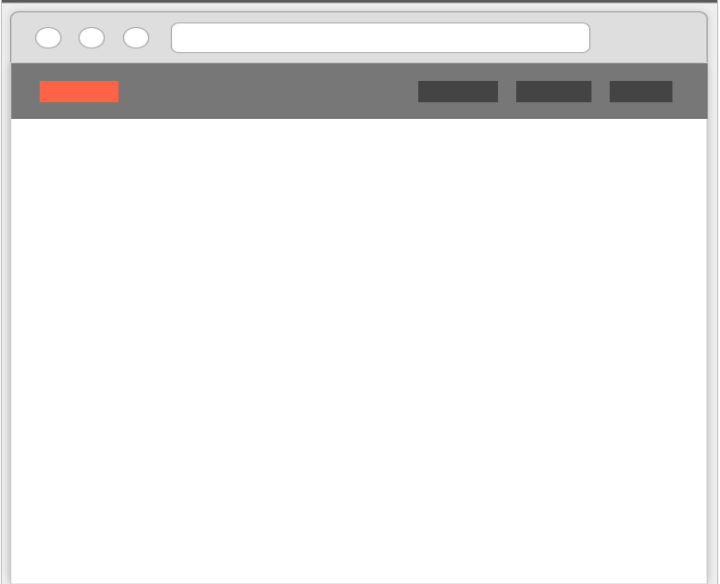


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9	<pre><?php // Create the function for the shortcode function message_maker(\$atts, \$content = null) { // Upper the \$content return strtoupper(\$content); }</pre>	<pre>[message] tout ce paragraphe devrait être en lettres capitales [/message]</pre>
10 11 12 13 14	<pre>// Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div>Résultat</div> 

Inception ? `do_shortcode()`

Créer votre propre
shortcode


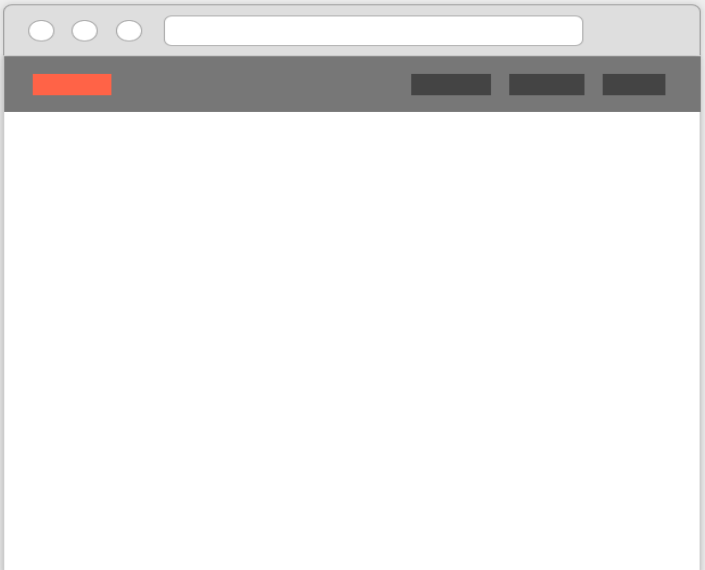


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13 14	<pre><?php // Create the function for the shortcode function message_maker(\$atts, \$content = null) { // Upper the \$content return strtoupper(do_shortcode(\$content)); } // Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div>Résultat</div> <div></div>

Inception ? `do_shortcode()`

Créer votre propre
shortcode


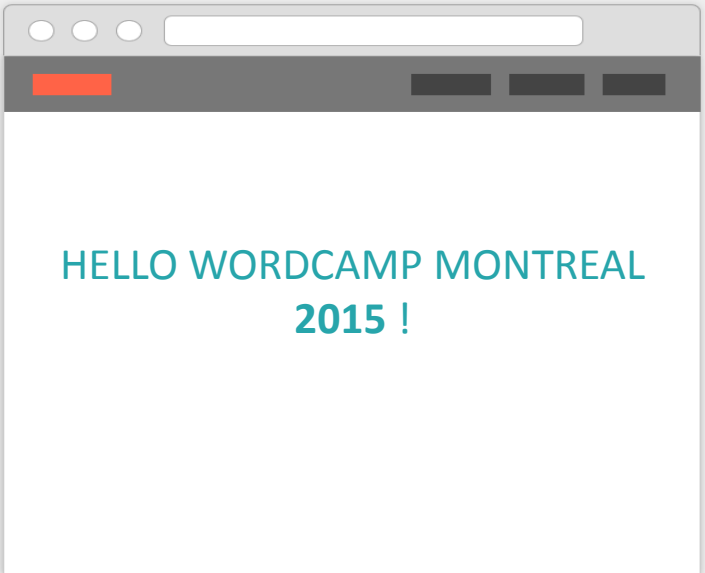


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13 14	<pre><?php // Create the function for the shortcode function message_maker(\$atts, \$content = null) { // Upper the \$content return strtoupper(do_shortcode(\$content)); } // Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div><pre>[message] Hello WordCamp Montreal [year] ! [/message]</pre></div> <div><div>Résultat</div></div>

Inception ? `do_shortcode()`

Créer votre propre
shortcode



	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13 14	<pre><?php // Create the function for the shortcode function message_maker(\$atts, \$content = null) { // Upper the \$content return strtoupper(do_shortcode(\$content)); } // Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div><pre>[message] Hello WordCamp Montreal [year] ! [/message]</pre></div> <div><p>Résultat</p></div>

Les étapes

Créer votre propre
shortcode



Simple

`add_shortcode()`

Paramétrable

`shortcode_atts()`

Flexible

`do_shortcode()`

Complexe


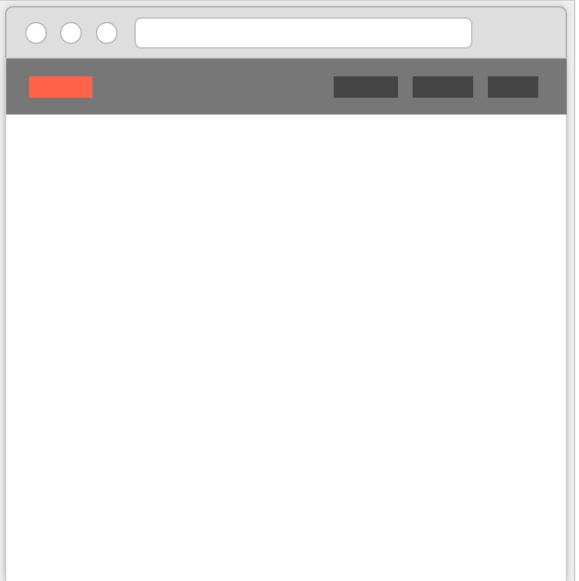
`ob_start()`



Complexe `ob_start()`

Créer votre propre
shortcode

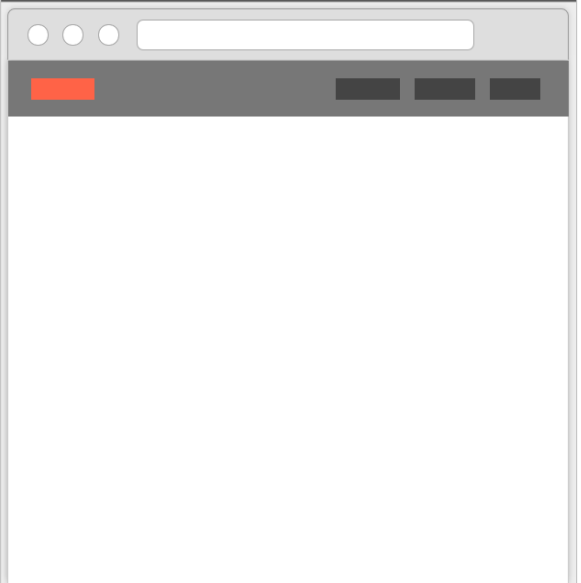


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5	<pre><?php // Create the shortcode function function message_maker() { }</pre>	
6 7 8	<pre>// Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	Résultat
		

Complexe `ob_start()`

Créer votre propre
shortcode



	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11	<pre><?php // Create the shortcode function function message_maker() { // Démarrage du buffer de sortie ob_start(); } // Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div>Résultat</div> <div></div>

Complexe `ob_start()`

Créer votre propre
shortcode



	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	<pre><?php // Create the shortcode function function message_maker() { // Démarrage du buffer de sortie ob_start(); ?> Post title 1 Post title 2 <?php } // Register the Shortcode using the API add_shortcode('message' , 'message_maker'); ?></pre>	<div>Résultat</div> <div></div>

Complexe `ob_start()`

Créer votre propre
shortcode



	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	<pre><?php // Create the shortcode function function message_maker() { // Démarrage du buffer de sortie ob_start(); ?> Post title 1 Post title 2 <?php // Lecture du buffer et effacement return ob_get_clean(); }</pre>	<div>Résultat</div> <div></div>

Complexe `ob_start()`

Créer votre propre
shortcode



	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	<pre><?php // Create the shortcode function function message_maker() { // Démarrage du buffer de sortie ob_start(); ?> Post title 1 Post title 2 <?php // Lecture du buffer et effacement return ob_get_clean(); }</pre>	<p>[message]</p> <div><div>Résultat</div><div></div></div>

Complexe `ob_start()`

Créer votre propre
shortcode


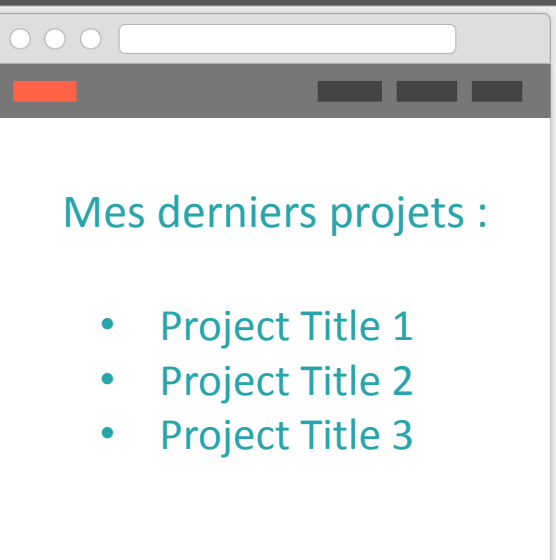


	Functions.php / includes / plugin	Shortcode
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	<pre><?php // Create the shortcode function function message_maker() { // Démarrage du buffer de sortie ob_start(); ?> Post title 1 Post title 2 <?php // Lecture du buffer et effacement return ob_get_clean(); }</pre>	<p>[message]</p> <div><p>Résultat</p><ul style="list-style-type: none">• Post Title 1• Post Title 2</div>

TOUT ! en un...

Créer votre propre
shortcode



 Functions.php / includes / plugin	Shortcode
<pre>1 function show_posts(\$atts, \$content = null) { 2 // Handling the Attributes 3 \$a = shortcode_atts(array(4 'type' => 'projects' 5), \$atts); 6 7 // Get the posts filtered by Post Type 8 \$query = new WP_Query(array('post_type' => \$a['type'])); 9 10 ob_start(); 11 echo '<h1>'.do_shortcode(\$content).'</h1>'; 12 echo ''; 13 // The WP Query Loop 14 while (\$query->have_posts()) { 15 \$query->the_post(); ?> 16 <!-- Build the HTML --> 17 <?php the_title(); ?> 18 19 <?php } 20 echo ''; 21 // Restore the Global \$post variable - Avoid WP Query inception conflict 22 wp_reset_postdata(); 23 return ob_get_clean(); 24 } 25 add_shortcode('posts' , 'show_posts');</pre>	<div><p>[posts type="projects"] Mes derniers projets : [/posts]</p></div> <div><div>Résultat</div><div></div></div>



Merci ! Thank you !

Montreal WordCamp 2015 | @MichaelBontyes



Références

Wordpress Codex – Shortcode API

https://codex.wordpress.org/Shortcode_API

Presentation “How to create your own shortcode”

<https://github.com/michaelbontyes/Presentation-Create-Your-Own-Shortcode>



Plugins

Shortcodes Ultimate for WordPress

<http://gndev.info/shortcodes-ultimate/>

<https://github.com/gndev/shortcodes-ultimate>



Including a custom
shortcode maker
API / Addon