

(https://platform.cloudways.com/signup?utm_source=Website&utm_medium=HelloBar&utm_campaign=BFCM18&utm_content=hellobar_navigation_blog)

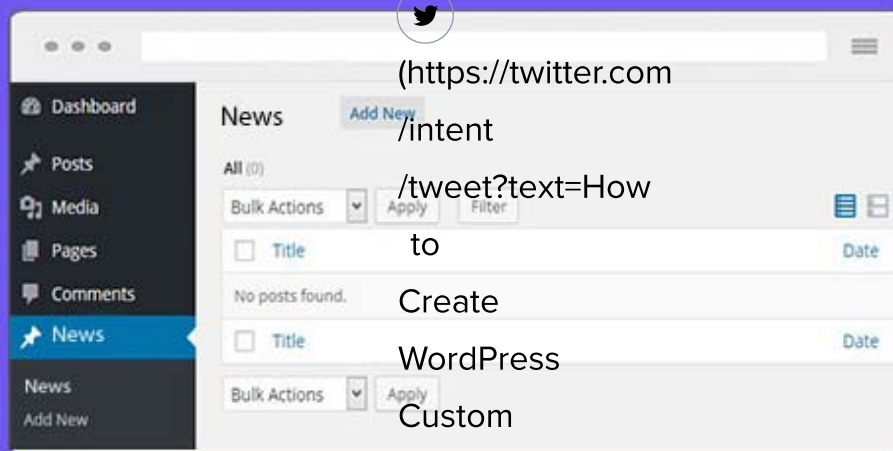
WORDPRESS (<https://www.cloudways.com/blog/wordpress/>)

How to Create WordPress Custom Post Types



Saud Razzak (<https://www.cloudways.com/blog/author/saudrazzak/>) -

March 5, 2019 · 6 Min Read



When we install WordPress, we only get three built-in content types at the backend, i.e. posts, pages, and media. However, today WordPress has become quite flexible and advanced. Therefore, the approach to adding more post types have also diversified. The diversified usage demands for more content types because posts, pages, and media are not enough and here is where WordPress custom post type come in handy.

— Table of Contents



/&via=Cloudways)



What is a WordPress Custom Post Type?

Create a WordPress Custom Post Type

Create a New Post

Create a Template and Fetching List

Select a Template

Add Menu for a Custom Post Type

Display Detail Page of Custom Post Type

What is a WordPress Custom Post Type?

According to WordPress Codex, **“Custom Post Types”** also known as **“Custom Content Types”** is the specific type of post types that can be added to your WordPress using a simple function called the ***register_post_type()***. The function allows you to add the new custom post type in accordance with a number of specifics such as supported features, availability, and labels.



(<https://twitter.com>

/intent

Update: WordPress 5.x comes with brand new Gutenberg editor. If you wish to use Gutenberg with WordPress custom post types, here is a great guide on enabling Gutenberg editor for CPT.

Update: WordPress 5.x comes with brand new Gutenberg editor. Here is a detailed guide on enabling

Gutenberg editor for custom post type (<https://www.cloudways.com/blog/gutenberg-wordpress-custom-post-type/>)

Create
Custom
Post

Types,&url=https://www.cloudways.com

/blog/how-

Other than that, one can find several post type that is available by default in WordPress installation.

Post – blog post

Page – static page

Attachment – attached media

Revision – post revision

Navigation Menu – nav menu

create-

custom-

post-

types-

in-

wordpress

/&via=Cloudways)



For further details on other post types in WordPress, please have look at custom post type codex documentation (https://codex.wordpress.org/Post_Types).

When it comes to custom post types, WordPress supports an unlimited number of Custom Post Types. You can create your own custom posts (<https://elementor.com/wordpress-custom-post-types/>) and can call them up, wherever you want. For example, if you run a **News** website and you wish to add a custom post type titled, “**News**”. Once created, the news post-type would have its own menu in the WordPress dashboard admin area. You can also create multiple post type as well such as Movies, Portfolio, and much more.

Create a WordPress Custom Post Type

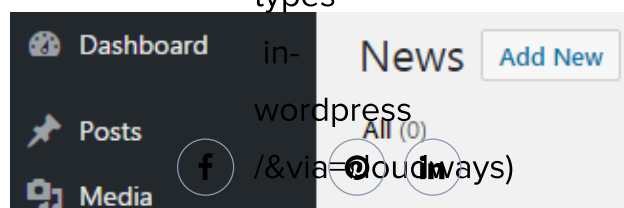
To create a custom post type for any particular theme on WordPress, navigate to **function.php** file from your WordPress theme directory then add the following code to it.

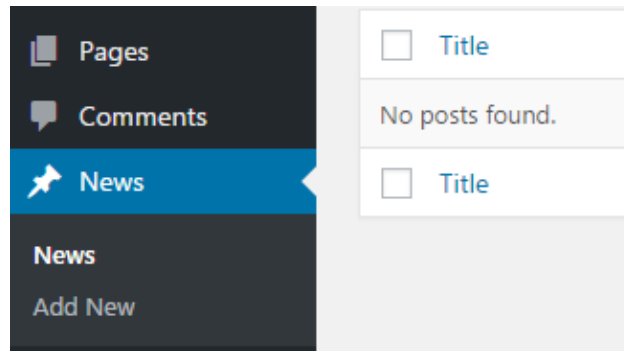
```

1.  /* Custom Post Type Start */
2.
3.  function create_posttype() {
4.      register_post_type( 'news',
5.          // CPT Options
6.
7.          array(
8.              'labels' => array(
9.                  'name' => __( 'news' ),
10.                 'singular_name' => __( 'News' )
11.             ),
12.             'public' => true,
13.             'has_archive' => false,
14.             'rewrite' => array( 'slug' => 'news' ),
15.         )
16.     );
17. }
18. // Hooking up our function to theme setup
19. add_action( 'init', 'create_posttype' );
20.
21. /* Custom Post Type End */

```

After adding this code, the News post-type will automatically appear in the Admin Area of your WordPress. To see how it will appear at the front end of your WordPress dashboard, refer to the image below.





When you create custom post types, it is necessary to use **init** for the hook in **add_action()**.

The **register_post_type()** function takes the arguments.

```

1.  /*Custom Post type start*/
2.
3.  function cw_post_type_news() {
4.
5.      $supports = array(
6.          'title', // post title
7.          'editor', // post content
8.          'author', // post author
9.          'thumbnail', // featured images
10.         'excerpt', // post excerpt
11.         'custom-fields', // custom fields
12.         'comments', // post comments
13.         'revisions', // post revisions
14.         'post-formats', // post formats
15.     );
16.
17.     $labels = array(
18.         'name' => _x('news', 'plural'),
19.         'singular_name' => _x('news', 'singular'),
20.         'menu_name' => _x('news', 'admin menu'),
21.         'name_admin_bar' => _x('news', 'admin bar'),
22.         'add_new' => _x('Add New', 'add new'),
23.         'add_new_item' => __('Add New news'),
24.         'new_item' => __('New news'),
25.         'edit_item' => __('Edit news'),
26.         'view_item' => __('View news'),
27.         'all_items' => __('All news'),
28.         'search_items' => __('Search news'),
29.         'not_found' => __('No news found.'),
30.     );
31.
32.     $args = array(
33.         'supports' => $supports,
34.         'labels' => $labels,
35.         'public' => true,
36.         'query_var' => true,
37.         'rewrite' => array('slug' => 'news'),
38.         'has_archive' => true,
39.         'hierarchical' => false,

```

 (https://twitter.com
 /intent
 /tweet?text=How
 to
 Create
 WordPress
 Custom
 Post
 Types,&url=https://www.cloudways.com
 /blog/how-
 to-
 create-
 custom-
 post-
 types-
 in-
 wordpress
 /&via=Cloudways)

```

40. );
41. register_post_type('news', $args);
42. }
43. add_action('init', 'cw_post_type_news');
44.
45. /*Custom Post type end*/

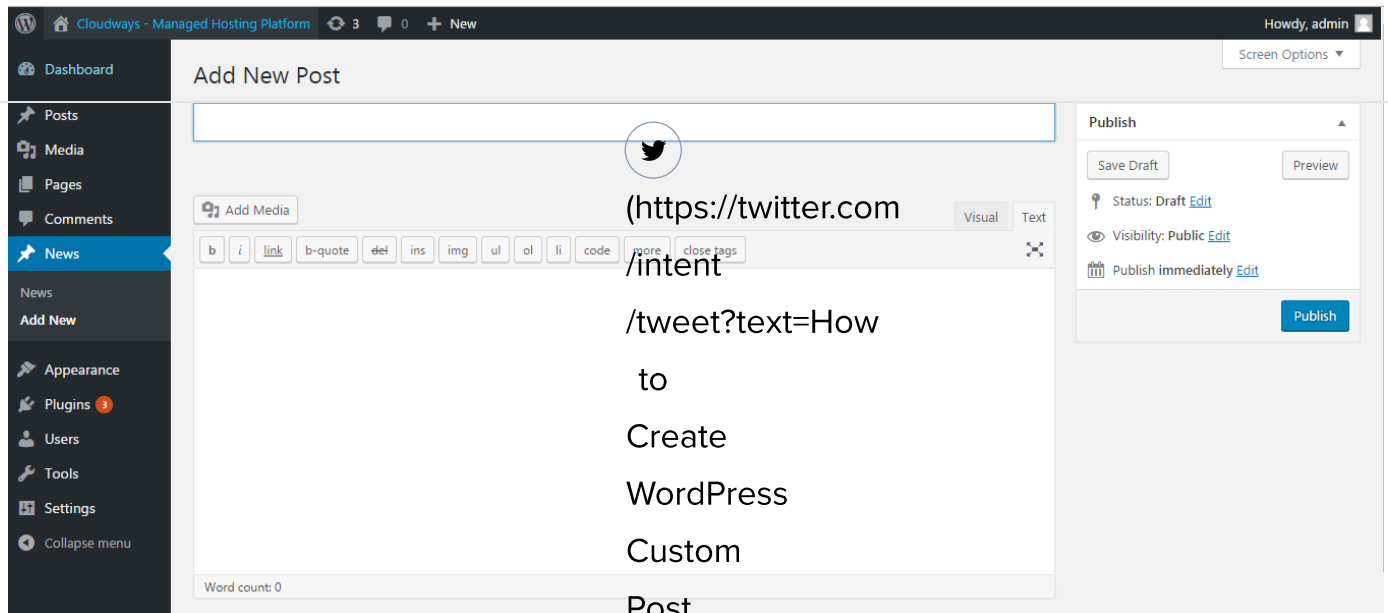
```

\$supports: Specifies the post type is compatible and supports all essential features.

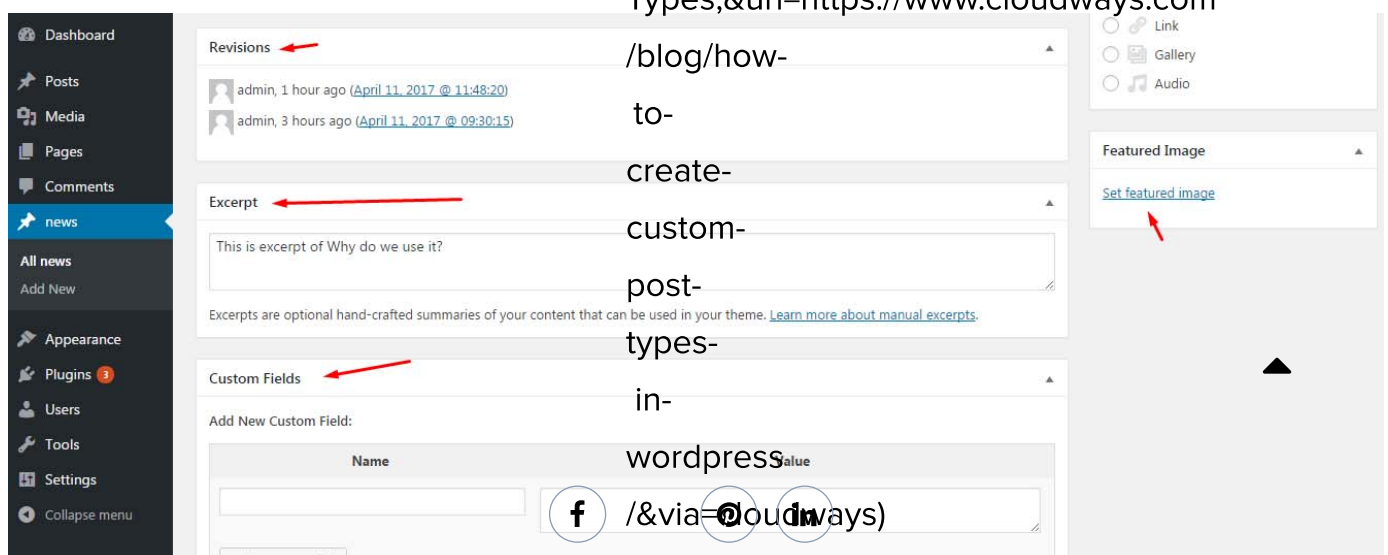
\$labels: Specifies that the post type is referred properly to the admin area.

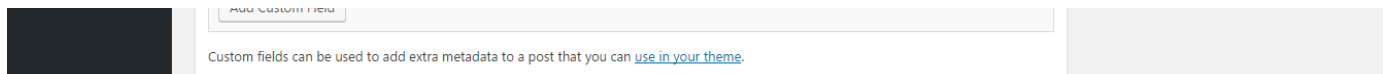
\$args: Specifies a permalink slug of the news, and a menu position located just beneath the Posts menu.

Now let's take a look before and after adding features to our WordPress website.



Before adding features



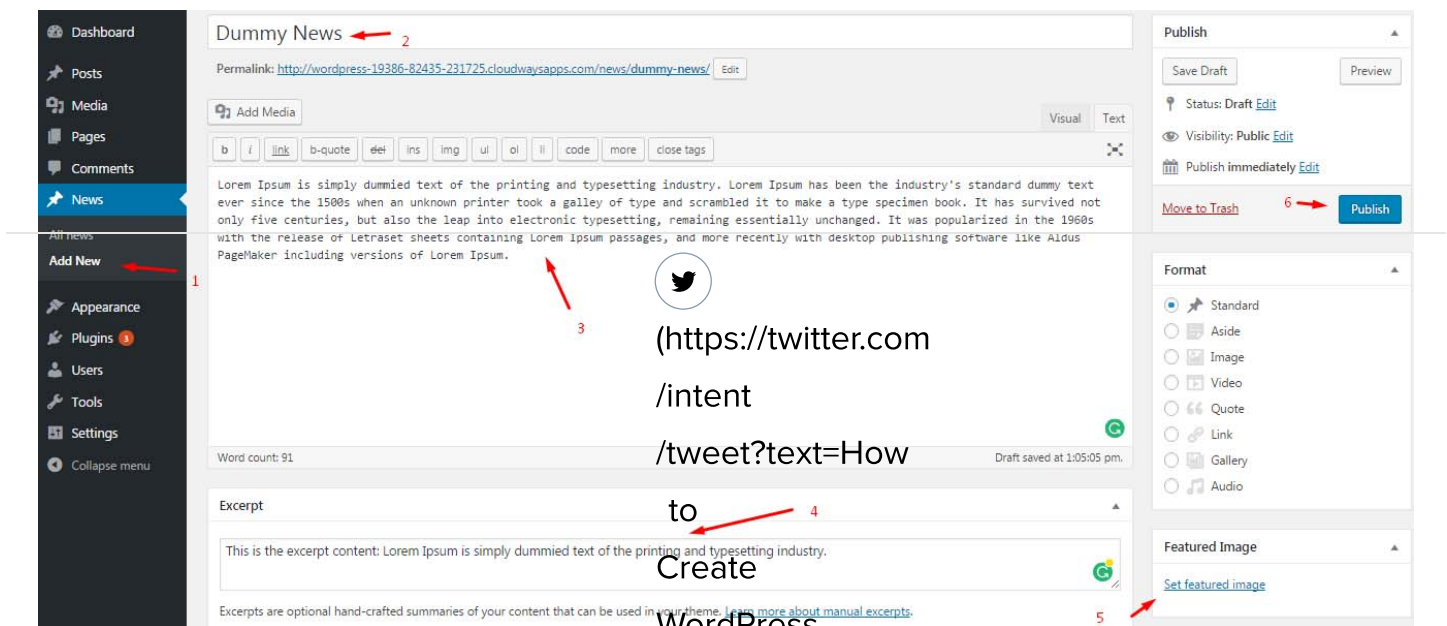


After adding features

The above example tells how you can register WordPress Custom Post Types to the back-end for any theme. Now it's time to move to the next step. Creating posts as a custom post type.

Create a New Post

Let's assume that you have successfully created a post for your WordPress website. Now you want to add this post as a custom post type on your WordPress website. After that, add two to three dummy **News** post to your site.



Create a Template and Fetching List Custom Post

Once, you have developed the code, your next task will be to create a new file called **template-news.php** and place it in your theme folder. As soon as you have created this file, add the following code to it.

```

1. <?php
2. /*Template Name: News*/
3. get_header();
4. query_posts(array(
5.     'post_type' => 'news'
6. )); ?>
7. <?php
8. while (have_posts()) : the_post(); ?>
9. <h2><a href="<?php the_permalink(); ?>"><?php the_title(); ?></a></h2>
10. <p><?php the_excerpt(); ?></p>
11. <?php endwhile;
```

```

12.  get_footer ( ) ;
13.  ?>

```

Confused between choosing the theme & plugins?

Try Our Free WordPress Blue Print Maker

BUILD NOW (HTTPS://WWW.CLOUDWAYS.COM/EN/BUILD-WORDPRESS-WEBSITE.PHP)

Select a Template

Now create a new page called **News** from the **Pages** option in your WordPress dashboard and access it. You can see a Template option available in **Page Attributes** on the right side of your screen. Select the new template **News** and then click the update button. For further reference, check out the image below.



(https://twitter.com

/intent

/tweet?text=How

to

Create

WordPress

Custom

Post

Types,&url=https://www.cloudways.com

/blog/how-

to-

create-

custom-

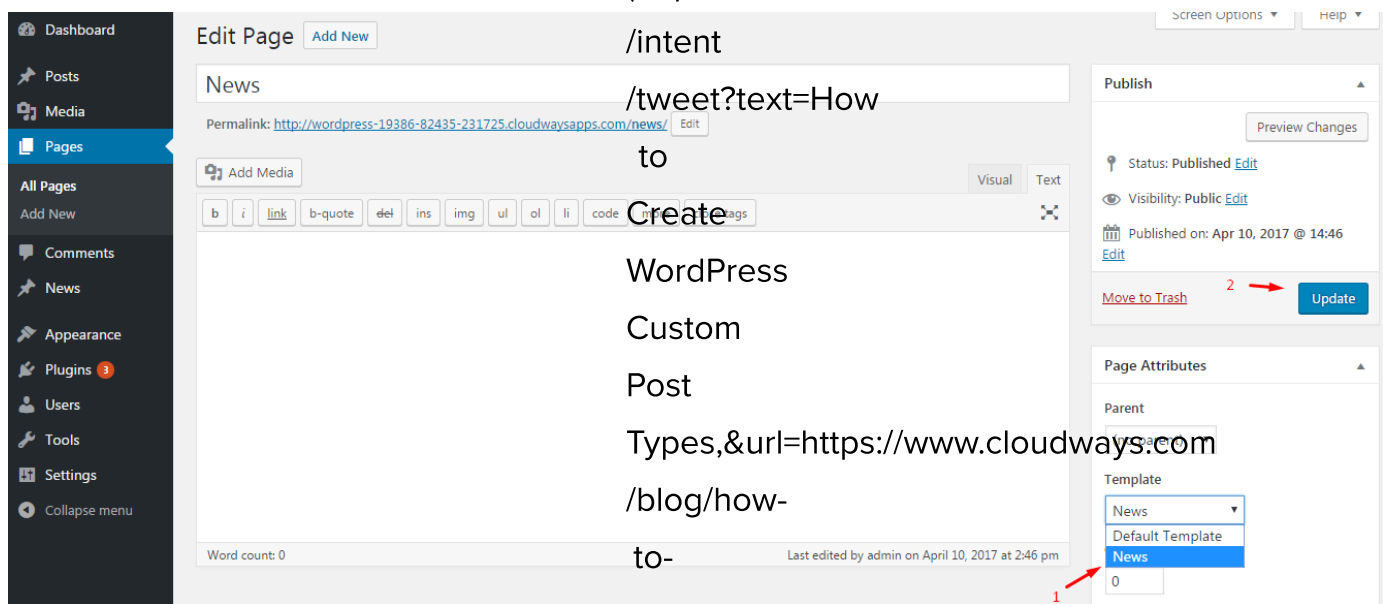
post-

types-

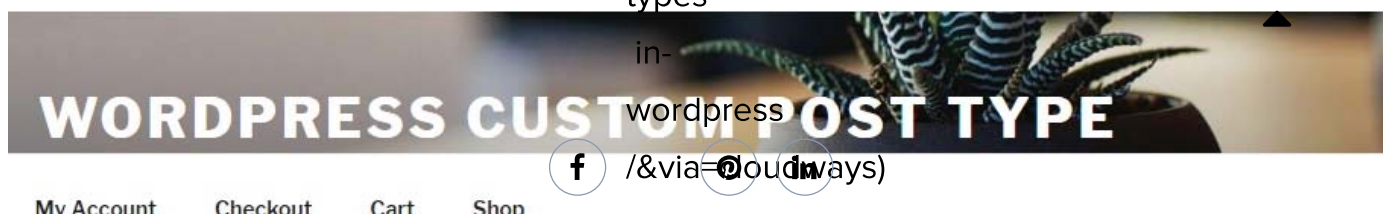
in-

wordpress

/&via=@cloudways)



The result of Listing Page: The end result of how your listing page will be displayed on your website is provided below:



Cloudways Infrastructure

Excerpt of Cloudways Infrastructure: Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s.

Cloudways Application

Excerpt of Cloudways Application: Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s.

Cloudways Review

Excerpt of Cloudways Review: Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s.

(<https://twitter.com>

/intent

Cloudways Best Hosting Provider

/tweet?text=How

Excerpt of Cloudways Best Hosting Provider: Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s.

Create

WordPress

Add Menu for Custom Post Type

Custom

Post

To add your new custom post type as a part of the Menu options on your WordPress website, navigate to **Appearance → Menus** and add the News page to your main menu. This step is necessary as it will display a navigational link to our newly created WordPress custom post type, News.

/blog/news

to-

create-

Why Speed is Crucial for SEO & UX?

com-

These expert tips will show you how to improve the speed of your WordPress Websites.

post-

types-

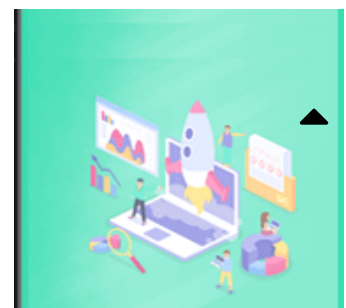
in-

wordpress

Email Address

f

/&via=@cloudways)

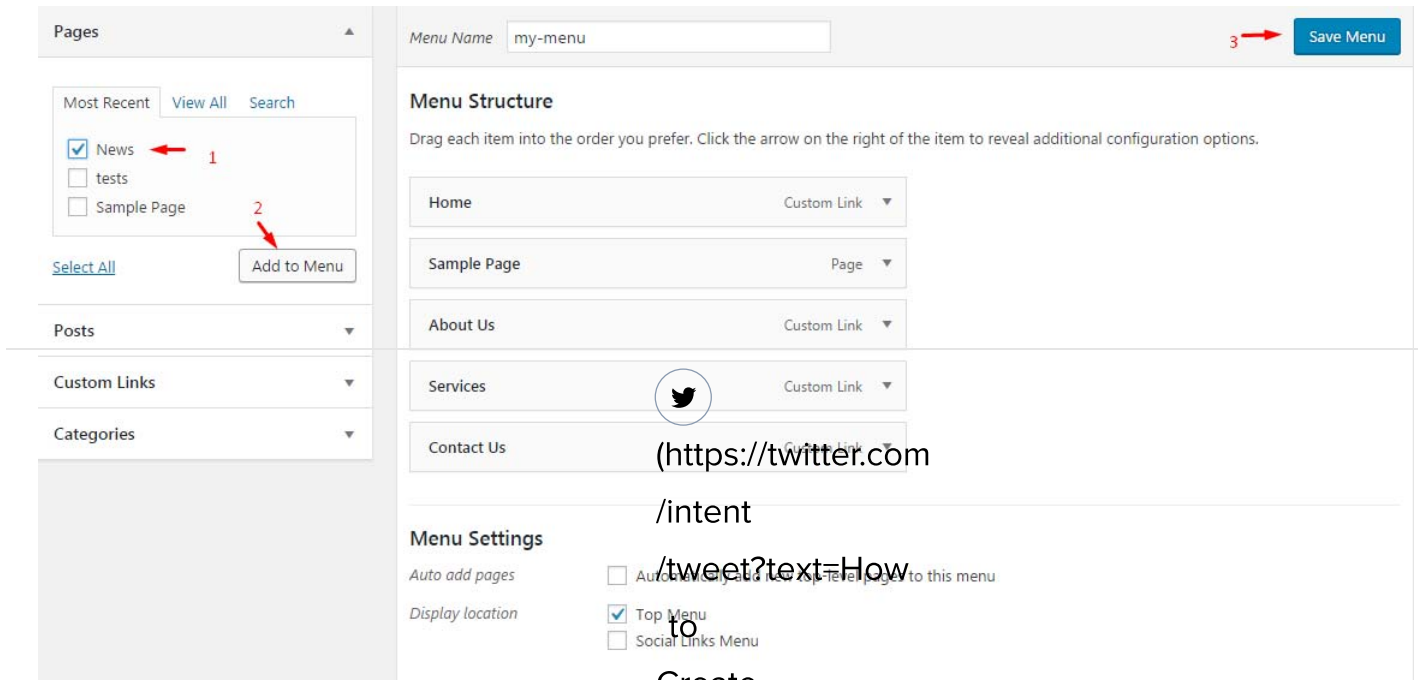


☐ I agree to the Cloudways Terms of Service
(<https://www.cloudways.com/en/terms.php>) & Privacy Policy
(<https://www.cloudways.com/en/terms.php#privacy>)

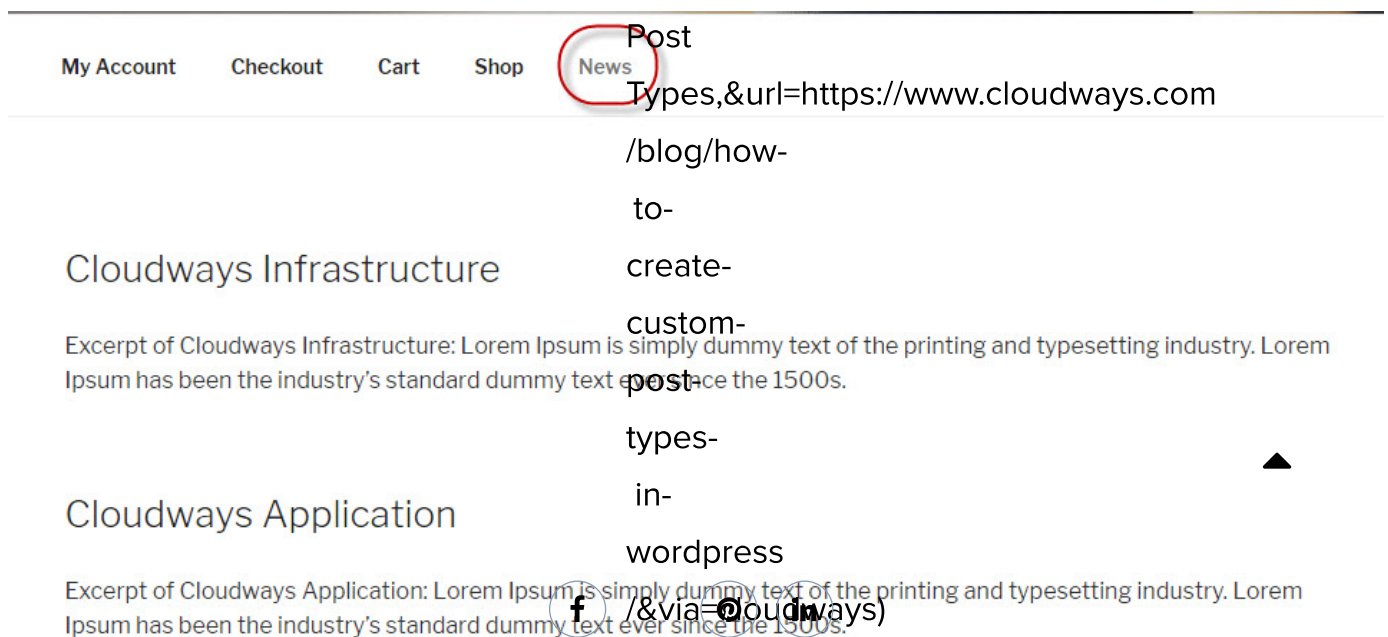


GET EBOOK NOW!

For further reference, check out the image below.



And this is how your website will look on the front-end. Check out the image below:

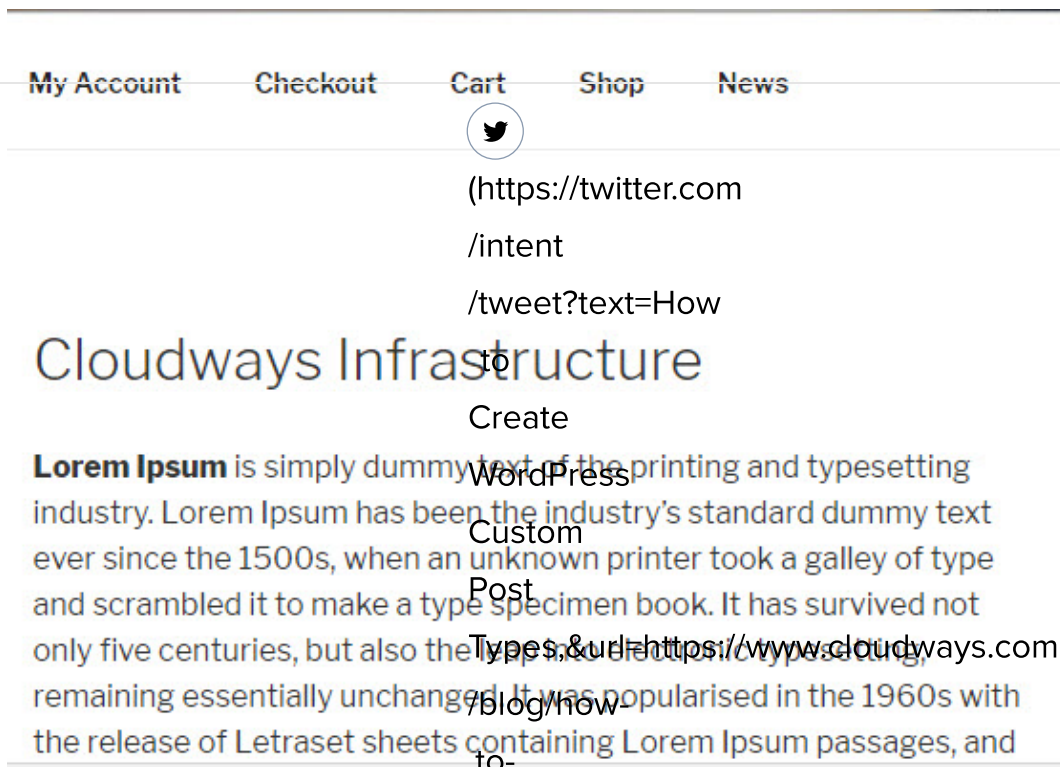


Display Detail Page of Custom Post Type

We also need to create a detail page for custom post types. To do so, we just need to add a new file called **single-news.php** which is located in your WordPress theme and then add the following code to it.

```
1. <?php
2. get_header();
3. /* Start the Loop */
4. while (have_posts()) : the_post();
5.     get_template_part('template-parts/post/content', get_post_format());
6. endwhile; // End of the loop.
7. get_footer();
8. ?>
```

Now it's time to see how your detail page looks like:



Wrapping up!

Well, you have now learned the way to create a custom Post Type in WordPress, a pretty complex thing to do. If you have any query or suggestion feel free to ask me, I would love to reply you back. However, hosting WordPress (<https://www.cloudways.com/en/wordpress-hosting.php>) on Cloudways is convenient. Just deploy secure and scalable cloud servers within minutes. Click the banner below to start your free trial.



Share This Article



(https://twitter.com
/intent
/tweet?text=How
to
Create
WordPress
Custom
Post
Types,&url=https://www.cloudways.com
/blog/how-
to-
create-
custom-
post-
types-
in-
wordpress



/&via=Cloudways)





(htt
ps:/
/twi
tter
.co
m
/int
ent
/tw
eet
?te
xt=
Ho



to
(https://twitter.com
Create
intent
ate
Tweet?text=How
Wo
to
reP
Create
res
WordPress
Custom
Post
Types,&url=https://www.cloudways.com
/blog/how-
to-
create-
Custom-
post-
&ur
types-
l=ht
in-
tpsi
Wordpress



//w
&via=cloudways)

''''''



Start Growing with Cloudways Today!

We never compromise on performance, security, and support.

TEST NOW ([HTTPS://PLATFORM.CLOUDWAYS.COM/SIGNUP?UTM_SOURCE=WORDPRESSBLOG&UTM_MEDIUM=BOTTOMCTA&UTM_CAMPAIGN=DEFAULT](https://platform.cloudways.com/signup?utm_source=wordpressblog&utm_medium=bottomcta&utm_campaign=default))



Saud Razzak (<https://www.cloudways.com/blog/author/saudrazzak/>)

Saud is the WordPress Community Manager at Cloudways - A Managed WooCommerce Hosting (<https://www.cloudways.com/en/woocommerce-hosting.php>) Platform.

Saud is responsible for creating buzz, spread knowledge, and educate the people about WordPress in the Community around the globe. In his free time, he likes to play cricket and learn new things on the Internet. You can reach him on saud@cloudways.com

/intent

/tweet?text=How

to

THERE'S MORE TO READ.

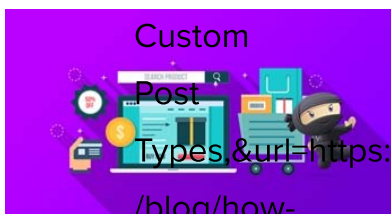


([HTTPS://WWW.CLOUDWAYS.COM/BLOG/WORDPRESS-VS-SQUARESPACE/](https://www.cloudways.com/blog/wordpress-vs-squarespace/))

WordPress

WordPress vs Squarespace: A Square Off (2020)

([https://www.cloudway/blog/wordpress-vs-](https://www.cloudways.com/blog/wordpress-vs-squarespace/)



([HTTPS://WWW.CLOUDWAYS.COM/BLOG/HOW-TO-SETUP-WOOCOMMERCE-STORE/](https://www.cloudways.com/blog/how-to-setup-woocommerce-store/))

WordPress
WooCommerce

How to Install and Setup WooCommerce Store

([https://www.cloudway/blog/how-to-setup-](https://www.cloudways.com/blog/how-to-setup-woocommerce-store/)



([HTTPS://WWW.CLOUDWAYS.COM/BLOG/HOW-TO-CLONE-A-WEBSITE/](https://www.cloudways.com/blog/how-to-clone-a-website/))

WordPress

How to Clone a Website (A Step by Step...)

([https://www.cloudway/blog/how-to-clone-](https://www.cloudways.com/blog/how-to-clone-a-website/)

squarespace/)

woocommerce-store/)

a-website/)



(https://twitter.com

/intent

/tweet?text=How

to

Create

WordPress

Custom

Post

Types,&url=https://www.cloudways.com

/blog/how-

to-

create-

custom-

post-

types-

in-

wordpress



/&via=Cloudways)



Product & Solution		Company	Support	Quick Links
WordPress Hostin...	WooCommerce H...	About us (htt...	Knowledge base (https:/...	Features (http...
Magento Hosting (...)	Cloudways Platfor...	Reviews (http...	Contact us (https://www...	Pricing (https:...
PHP Cloud Hostin...	Cloudways API (htt...	Media Kit (htt...	Blog (https://www.cloud...	Partners (http...
Laravel Hosting (ht...	Breeze – Free Wor...	Testimonials (...)	Community (https://com...	Cloud Affiliat...
Drupal Hosting (htt...	Add-ons (https://w...	Sitemap (http...	Feedback (https://feedb...	Write For Us (...)
Joomla Hosting (ht...	CloudwaysCDN (ht...	Terms (https:/...	Free Website Migration ...	
PrestaShop Hostin...	CloudwaysBot (htt...			



([https://twitter.com](https://twitter.com/intent)
/intent

(<https://www.cloudways.com/e...>

52 Springvale, Pope Pius XII Street Mosta MST2653, Malta



© 2020 Cloudways Ltd. All rights reserved

to
Create
WordPress
Custom
Post
Types,&url=https://www.cloudways.com
/blog/how-
to-
create-
custom-
post-
types-
in-
wordpress

```
/&via=@cloudways)
```

Follow Us On



  (<https://www.youtube.com/watch?v=UWwvTzGtYcA>)
(<http://cs.wm.edu/~dave/courses/cs471/lectures/cloud/k8s/chap5.pdf>)