

Dashboard ► Full Stack Web Development 4.0 ► WordPress v4.0 ► Day 1 | Classwork ► Bootstrap Wordpress Theme

## Bootstrap Wordpress Theme

Here we will create a Bootstrap theme that you can download from the classwork material.

You also have this video tutorial that should help you with the first steps in a theme recreation:

0:00 / 19:53

### Menu implementation

We want to have a bootstrap drop-down menu in our WordPress theme. We will use a custom WordPress class that we can download from this [GitHub link: https://github.com/wp-bootstrap/wp-bootstrap-navwalker/tree/v3-branch](https://github.com/wp-bootstrap/wp-bootstrap-navwalker/tree/v3-branch)

wp-bootstrap / wp-bootstrap-navwalker

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A custom WordPress nav walker class to fully implement the Twitter Bootstrap 3.0+ navigation style in a custom theme using the WordPress built in menu manager. <https://wp-bootstrap.github.io/wp-bootstrap-navwalker/>

wp-bootstrap-navwalker walker bootstrap wordpress nav navigation twitter-bootstrap

151 commits 5 branches 3 releases 12 contributors GPL-3.0

Branch: master New pull request Find file Clone or download

pattonwebz committed on GitHub Merge pull request #302 from brunolorente/readme-fix

.github	Create PULL_REQUEST_TEMPLATE.md
bin	plugin test files
tests	Big typo in Test_WP_Bootstrap_NavWalker::test_startlvl...
.codeclimate.yml	Update .codeclimate.yml
.csslintrc	cc patch
editorconfig	confia files

Clone with HTTPS ?

Use Git or checkout with SVN using the web URL.

<https://github.com/wp-bootstrap/wp-bootstrap>

Open in Desktop Download ZIP

After the download we only would need the **wp-bootstrap-navwalker.php** file - this is the file we need to copy to our WordPress theme folder (which is in the htdocs folder).

Now we need to create a new file `functions.php` in our WordPress theme folder - this is a very important file for every WordPress theme, because in this file you can insert all your dynamic functionalities that you want to use in your theme.

Our `functions.php` file should have this code:

```
<?php
// Register Nav Walker class_alias
require_once('wp-bootstrap-navwalker.php');

//Theme Support
function wpb_theme_setup(){
    //Nav Menus
    register_nav_menus(array(
        'primary' => __('Primary Menu')
    ));
}
add_action('after_setup_theme', 'wpb_theme_setup');

?>
```

And as it says in the wp-bootstrap-navwalker documentation we should update our header.php file with the following snippet of code:

```
require_once get_template_directory() . 'wp-bootstrap-navwalker.php';  
}
```

## Usage

Update your `wp_nav_menu()` function in `header.php` to use the new walker by adding a "walker" item to the `wp_nav_menu` array.

```
<?php  
wp_nav_menu( array(  
    'menu'           => 'primary',  
    'theme_location' => 'primary',  
    'depth'          => 2,  
    'container'       => 'div',  
    'container_class' => 'collapse navbar-collapse',  
    'container_id'    => 'bs-example-navbar-collapse-1',  
    'menu_class'      => 'nav navbar-nav',  
    'fallback_cb'     => 'WP_Bootstrap_Navwalker::fallback',  
    'walker'          => new WP_Bootstrap_Navwalker()  
));  
?>
```

Your menu will now be formatted with the correct syntax and classes to implement Bootstrap dropdown navigation.

So after the update, our header.php file should look like this:

```

<!DOCTYPE html>
<html <?php language_attributes(); ?>>
<head>
    <meta charset="<?php bloginfo('charset'); ?>">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <!-- The above 3 meta tags *must* come first in the head; any other head content must
come *after* these tags -->
    <meta name="description" content="<?php bloginfo('description'); ?>">
    <title><?php bloginfo('name'); ?></title>
    <!-- Bootstrap core CSS -->
    <link href="<?php bloginfo('template_url'); ?>/css/bootstrap.css" rel="stylesheet">
    <!-- Custom styles for this template -->
    <link href="<?php bloginfo('stylesheet_url'); ?>" rel="stylesheet">
    <?php wp_head(); ?>
</head>
<body>
    <div class="blog-masthead">
        <div class="container">
            <nav class="blog-nav">
                <?php
                    wp_nav_menu( array(
                        'menu'           => 'primary',
                        'theme_location' => 'primary',
                        'depth'          => 2,
                        'container'      => 'div',
                        'container_class' => 'collapse navbar-collapse',
                        'container_id'    => 'bs-example-navbar-collapse-1',
                        'menu_class'      => 'nav navbar-nav',
                        'fallback_cb'     => 'WP_Bootstrap_Navwalker::fallback',
                        'walker'         => new WP_Bootstrap_Navwalker()
                    )
                );
            ?>
        </nav>
    </div>
</div>
<div class="container">
    <div class="blog-header">
        <h1 class="blog-title"><?php bloginfo('name'); ?></h1>
        <p class="lead blog-description"><?php bloginfo('description'); ?></p>
    </div>

```

Also, we need to update our footer.php file to this code, because we need to have a template\_url for our bootstrap.js file:

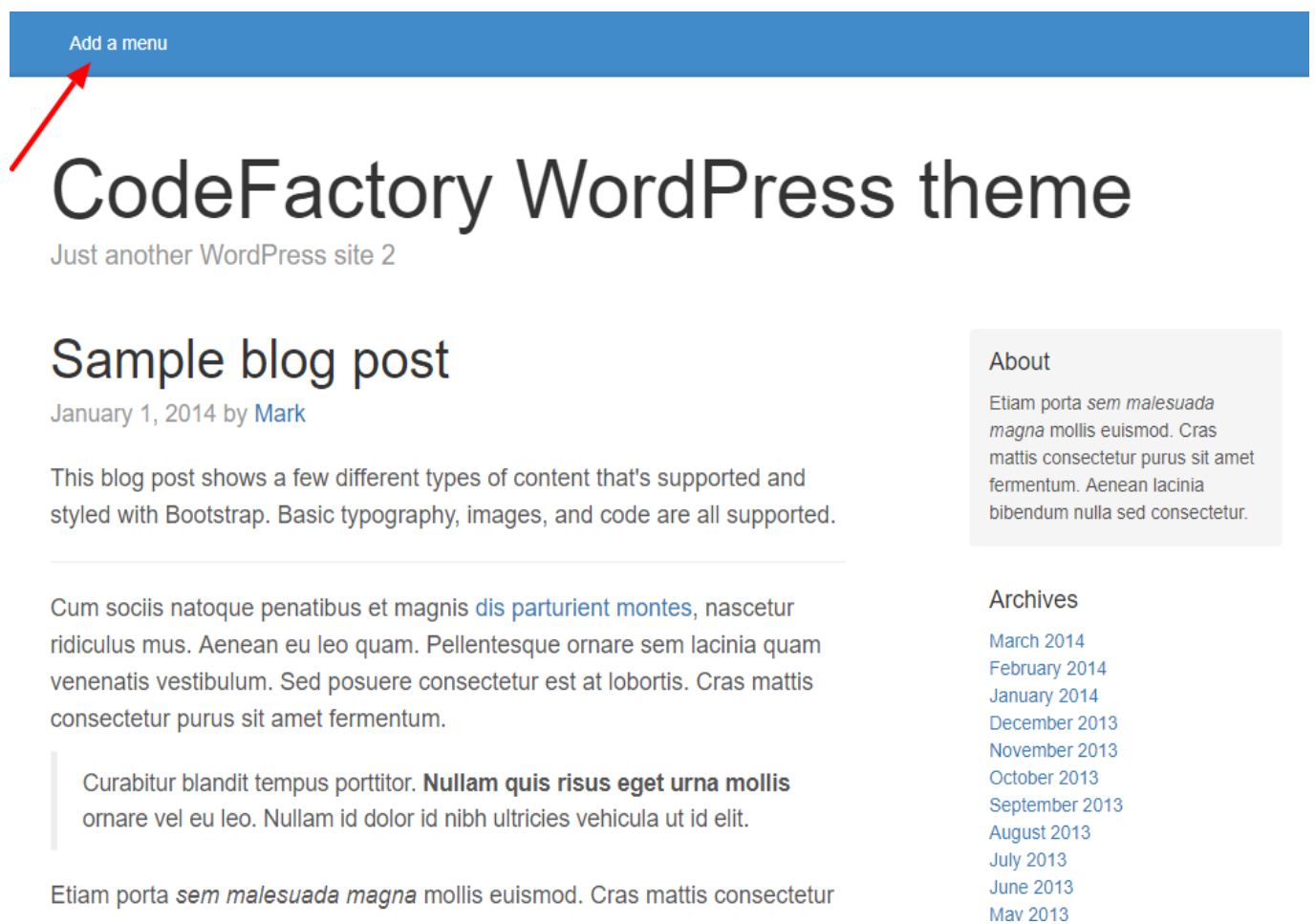
```

<footer class="blog-footer">
  <p> &copy; <?php echo Date('Y'); ?> - <?php bloginfo('name'); ?> </p>
  <p>
    <a href="#">Back to top</a>
  </p>
</footer>
<?php wp_footer(); ?>

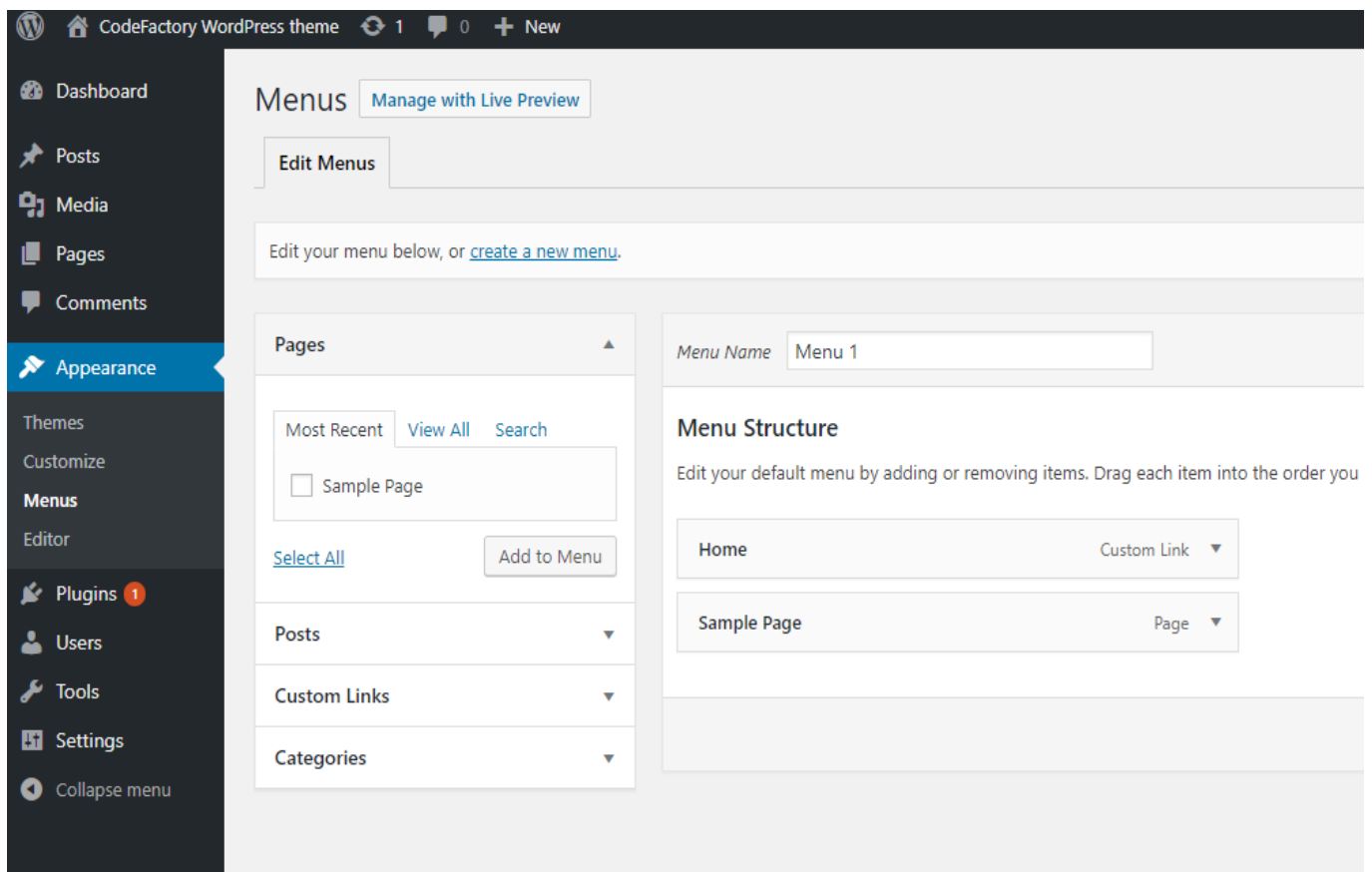
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
<script src="<?php bloginfo('template_url'); ?>/js/bootstrap.js"></script>
</body>
</html>

```

And now if you check your WordPress theme in a browser, you should get the following result:



If you click on the Add a menu option it should bring you to the WordPress Menus page:



On the WordPress Menus page, you should create a menu and then you will get an option Primary menu which you need to turn on. Now you can try to create a submenu.

All necessary information regarding menus can be found on Codex:

[https://codex.wordpress.org/WordPress\\_Menu\\_User\\_Guide](https://codex.wordpress.org/WordPress_Menu_User_Guide)

**Now for the challenge, create your own Bootstrap Theme for Wordpress.**

Last modified: Monday, 2 July 2018, 8:53 AM