



WordPress

| GREEK
COMMUNITY

WordPress
Theming & Frameworks
Essentials



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WordPress Meetup Organizer



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<http://>

athanasiadis.me

WordPress Member Since 2005

WordPress Theming & Frameworks Essentials

Content is the King?



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Fundamentally, the WordPress Theme system is a way to "skin" your weblog. Yet, it is more than just a "skin." Skinning your site implies that only the design is changed. WordPress Themes can provide much more control over the look and presentation of the material on your website.

Why Use a Theme?



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The Face



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- Hard To Read
- Difficult UI
- Slow
- Ugly



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What is a theme?



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What is a template



Template Files



404.php



archive.php



comments.php



footer.php



js



images



index.php



header.php



page.php



screenshot.png

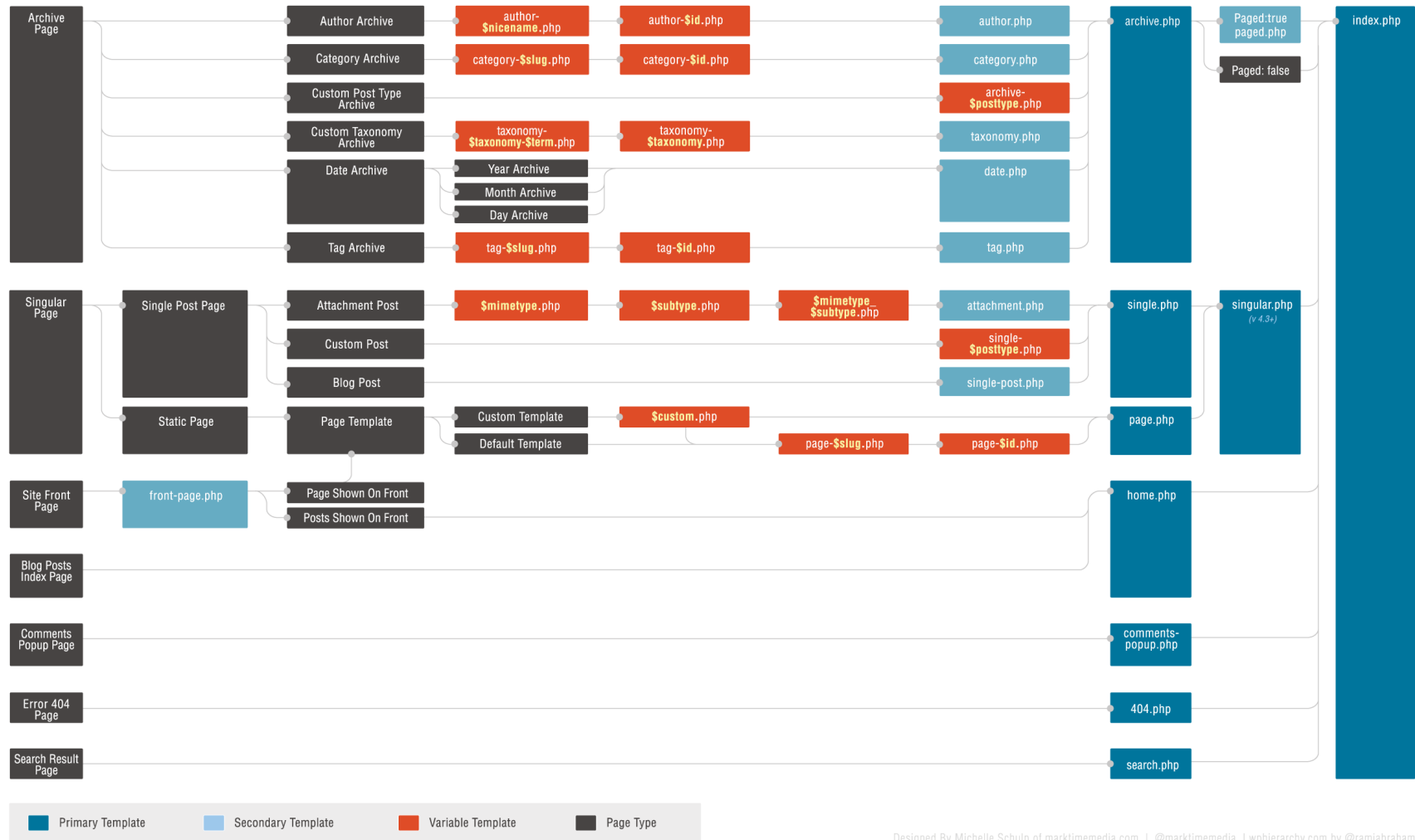


single.php



style.css

Template Hierarchy



Designed By Michelle Schulp of marktimedia.com | @marktimedia | wphierarchy.com by @ramiabraham

The Bare Minimum

- style.css
- index.php



functions.php

style.css

```
/*
Theme Name: Twenty Thirteen
Theme URI: http://wordpress.org/themes/twentythirteen
Author: the WordPress team
Author URI: http://wordpress.org/
Description: The 2013 theme for WordPress takes us back to the blog, featuring a full range of post formats, each displayed beautifully in their own unique way. Design details abound, starting with a vibrant color scheme and matching header images, beautiful typography and icons, and a flexible layout that looks great on any device, big or small.
Version: 1.0
License: GNU General Public License v2 or later
License URI: http://www.gnu.org/licenses/gpl-2.0.html
Tags: black, brown, orange, tan, white, yellow, light, one-column, two-columns, right-sidebar, flexible-width, custom-header, custom-menu, editor-style, featured-images, microformats, post-formats, rtl-language-support, sticky-post, translation-ready
Text Domain: twentythirteen

This theme, like WordPress, is licensed under the GPL. Use it to make something cool, have fun, and share what you've learned with others.
*/
```

index.php

```
<?php get_header(); ?>
  <div class="container">
    <div class="search">
      <?php get_search_form(); ?>
    </div>
    <div class="main">
      <?php // do stuff ?>
      <?php comments_template(); ?>
    </div>
    <?php get_sidebar(); ?>
  </div>
<?php get_footer(); ?>
```


index.php

```
<?php
/**
 * The main template file
 *
 * This is the most generic template file in a WordPress theme
 * and one of the two required files for a theme (the other being style.css).
 * It is used to display a page when nothing more specific matches a query.
 * E.g., it puts together the home page when no home.php file exists.
 *
 * @link http://codex.wordpress.org/Template_Hierarchy
 *
 * @package WordPress
 * @subpackage Twenty_Sixteen
 * @since Twenty_Sixteen 1.0
 */

get_header(); ?>

<div id="primary" class="content-area">
  <main id="main" class="site-main" role="main">

    <?php if ( have_posts() ) : ?>

      <?php if ( is_home() && ! is_front_page() ) : ?>
        <header>
          <h1 class="page-title screen-reader-text"><?php single_post_title(); ?></h1>
        </header>
      <?php endif; ?>

      <?php
        // Start the loop.
        while ( have_posts() ) : the_post();

          /*
           * Include the Post-Format-specific template for the content.
           * If you want to override this in a child theme, then include a file
           * called content-__.php (where __ is the Post Format name) and that will be used instead.
           */
          get_template_part( 'template-parts/content', get_post_format() );

        // End the loop.
      endwhile;
```

The Loop

```
<?php if ( have_posts() ) : while ( have_posts() ) : the_post(); ?>
```

```
<?php if ( have_posts() ) {  
    while ( have_posts() ) {  
        the_post();  
        //  
        //  
        Post Content here  
        //  
    }  
    // end while }  
    // end if  
?>
```

https://codex.wordpress.org/Theme_Development

Starter Themes

- Scratch
- Starter Themes
- Frameworks

Starter & Frameworks Themes

- Faster and Easier Development
- Fits to anyone
- Quality
- Community & Support
- Don't Break after Upgrades

Starter & Frameworks Themes

- Bones
- Cherry Framework
- JointsWP
- Skeleton
- Underscores
-

<https://athanasiadis.me/wordpress-frameworks/>

Starter & Frameworks Themes

The screenshot shows the IncludeWP website interface. At the top, there are navigation links for 'Fork me on GitHub', 'Share', 'About', and 'Add framework'. The main heading is '>_ IncludeWP' in a blue, stylized font, followed by the subtitle 'Top Open-Source Frameworks for WordPress Plugin & Theme Developers'. Below this, it says 'Powered with ❤️ by Freemius' and shows a 'Vote 395' button. A filter bar at the bottom of the header has 'PLUGIN' and 'THEME' options, with 'THEME' selected. A 'SORTED BY STARS' button is also present. The main content area displays three cards for different frameworks:

- Sage**: The best WordPress starter theme with a modern front-end development workflow. 7,660 stars, 2,548 pulls, 5 forks.
- Underscores**: Lean starter theme. 6,882 stars, 2,312 pulls, 57 forks.
- Boilerplate**: A standardized, object-oriented foundation for building plugins. 3,949 stars, 1,011 pulls, 47 forks.

Each card includes a 'GitHub' link and a 'Homepage' link.

<https://includewp.com>

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Sophisticated WordPress Development

An HTML5, Mobile-First starter
theme for rapid WordPress
development.



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Looking to contribute? [Fork Bones on Github](#)
and submit Pull Requests.

I can't really offer Support for Bones, but
bugs & issues can be reported in the [repo on
Github](#).

Check out this great tutorial on working with
Bones on [Tuts Plus](#).

[Make a Donation](#)

* I promise to use your donation in a totally
irresponsible manner. For proof, you can check
out my [Instagram feed](#).

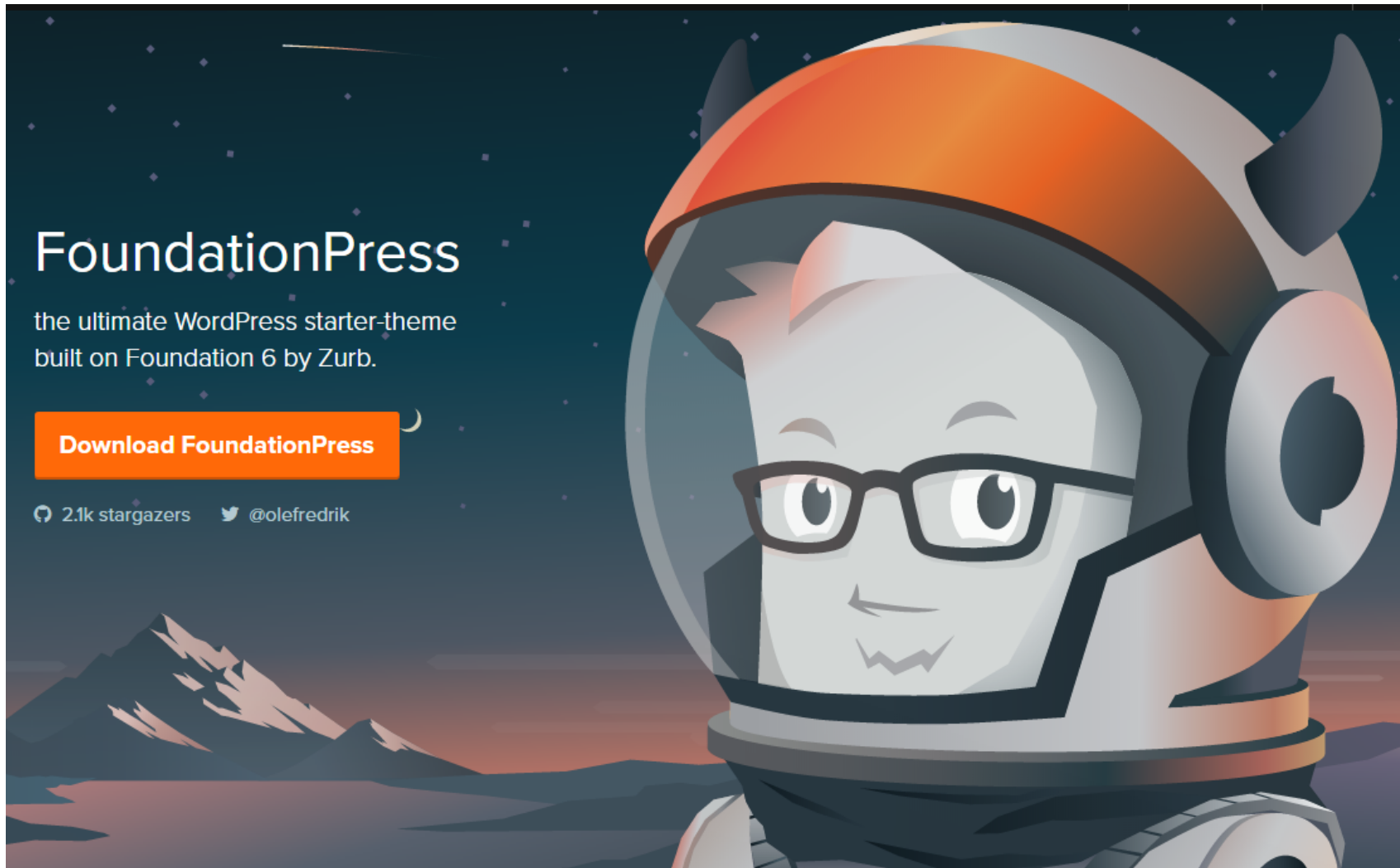
<http://themble.com/bones/>

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The screenshot shows the homepage of the Beans WordPress theme. The header features the Beans logo (a blue circle with a white 'B') and the word 'beans' in white. To the right, there is a navigation menu with links for 'THEMES', 'SHOWCASE', 'DOCS', 'SUPPORT', and 'COMMUNITY', along with a Twitter icon. The main content area has a dark blue background with the headline 'The most innovative WordPress theme' in white. Below the headline, there are five features listed with checkmarks: 'Powerful', 'Flexible', 'Extendable', 'Lightweight', and 'Crazy fast'. A paragraph of text follows: 'Beans is an incredibly powerful and flexible WordPress theme, yet light weight and unbelievably fast. The magic is under the hood!'. A prominent green button with the text 'Download for free' is centered below the text. Underneath the button are two links: 'On GitHub' and 'Changelog'. The footer is a light gray bar containing logos for 'sitepoint', 'wplift™', 'WP MAYOR', and 'CSS AUTHOR'.

<http://www.getbeans.io>

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<https://foundationpress.olefredrik.com>

Starter & Frameworks Themes

Quark



[Home](#) [Features](#) [Typography](#) [Sample Page](#) [Shop](#) [Blog](#)

Quark Starter Theme

Your basic building block for creating beautiful, responsive custom themes built on HTML5 & CSS3

[Learn more...](#)



Look again at that dot. That's here. That's home. That's us. On it everyone you love, everyone you know, everyone you ever heard of, every human being who ever was, lived out their lives. The aggregate of our joy and suffering, thousands of confident religions, ideologies, and economic doctrines, every hunter and forager, every hero and coward, every creator and destroyer of civilization, every king and peasant, every young couple in love, every mother and father, hopeful child, inventor and explorer, every teacher of morals, every corrupt politician, every "superstar," every "supreme leader," every saint and sinner in the history of our species lived there—on a mote of dust suspended in a sunbeam.



<http://maddisondesigns.com/quark/>

Starter & Frameworks Themes

Quark



[Home](#) [Features](#) [Typography](#) [Sample Page](#) [Shop](#) [Blog](#)

Quark Starter Theme

Your basic building block for creating beautiful, responsive custom themes built on HTML5 & CSS3

[Learn more...](#)



Look again at that dot. That's here. That's home. That's us. On it everyone you love, everyone you know, everyone you ever heard of, every human being who ever was, lived out their lives. The aggregate of our joy and suffering, thousands of confident religions, ideologies, and economic doctrines, every hunter and forager, every hero and coward, every creator and destroyer of civilization, every king and peasant, every young couple in love, every mother and father, hopeful child, inventor and explorer, every teacher of morals, every corrupt politician, every "superstar," every "supreme leader," every saint and sinner in the history of our species lived there—on a mote of dust suspended in a sunbeam.



<http://maddisondesigns.com/quark/>

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★ **Your Markup. Your Design. Your Theme.**

<http://themehybrid.com/hybrid-core>

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()); ?>" <?php post_class(); ?>>
r">
><a href="<?php the_permalink(); ?>" title="<?php echo esc_attr(sprintf(__('Perm
><?php the_title(); ?></h1>

et_post_type()) : ?>
">
(); ?>
-->

r -->

// Only display Excerpts for Search ?>
>
>

UNDERSCORES A STARTER THEME FOR WORDPRESS

CREATE YOUR UNDERSCORES
BASED THEME

Theme Name

GENERATE

[Advanced Options](#) Based on _s from github

<http://underscores.me>

Child Themes

Style.css

```
/*
Theme Name: Twenty Fifteen Child
Theme URI: http://example.com/twenty-fifteen-child/
Description: Twenty Fifteen Child Theme
Author: John Doe
Author URI: http://example.com
Template: twentyfifteen
Version: 1.0.0
License: GNU General Public License v2 or later
License URI: http://www.gnu.org/licenses/gpl-2.0.html
Tags: light, dark, two-columns, right-sidebar, responsive-layout, accessibility-ready
Text Domain: twenty-fifteen-child
*/
```

https://codex.wordpress.org/Child_Themes

Child Themes

functions.php

```
<?php

add_action( 'wp_enqueue_scripts', 'my_theme_enqueue_styles' );
function my_theme_enqueue_styles() {
    wp_enqueue_style( 'parent-style', get_template_directory_uri() . '/style.css' );
}
?>
```

https://codex.wordpress.org/Child_Themes

Child Themes

functions.php

```
<?php
function my_theme_enqueue_styles() {

    $parent_style = 'parent-style'; // This is 'twentyfifteen-style' for the Twenty Fifteen theme.

    wp_enqueue_style( $parent_style, get_template_directory_uri() . '/style.css' );
    wp_enqueue_style( 'child-style',
        get_stylesheet_directory_uri() . '/style.css',
        array( $parent_style ),
        wp_get_theme()->get('Version')
    );
}
add_action( 'wp_enqueue_scripts', 'my_theme_enqueue_styles' );
?>
```

https://codex.wordpress.org/Child_Themes



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thank you!