

DRY Theme Development



10degrees.uk

Matt Radford



```
.warning { color: #FF0000; }
```

```
  @alert: #FF0000;
```

```
.warning { color: @alert; }
```

OMG_massive_unwieldy.css

_normalise.less

_grid.less

_mixins.less

_typography.less

_variables.less

_urgh_IE.less

lovely.min.css

Modularity

Don't Repeat Yourself

themble.com/bones



Bones

Sophisticated WordPress Development

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



[Download for Free](#)

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](#).

Bones is a WordPress Theme for Developers

Built around the latest in Web Standards, Bones is a rock solid foundation to start any WordPress project. Keep what you need, remove what you don't. It's totally up to you.

Bones is not a Framework

Frameworks are great, but sometimes they make things more complicated than they need to be. Bones is as bare and minimalistic as possible. It's meant to be used on a per-project basis, this means no Child Themes. Hooray!
























Bones is Mobile-First & Responsive

Taking the [Mobile-First](#) approach is the way to go when building a responsive project. So Bones comes ready to roll with a unique Sass setup that serves minimal resources to smaller screens and scales up depending on your viewport. As anyone who's ever browsed on a 3G connection will tell you, it's a difference maker.

Bones comes loaded with Sass

Get started working with the future of CSS today. Using Sass can speed up your development time when used properly. Bones gets you started by giving you a great starting point and lots and lots of comments and examples.

bones - theme directory

	404.php
	archive-custom_type.php
	archive.php
	CHANGELOG.md
	comments.php
	favicon.ico
	favicon.png
	footer.php
	functions.php
	header.php
	index.php
	library
	page-custom.php
	page.php
	post-formats
	readme.md
	screenshot.png
	search.php
	sidebar.php
	single-custom_type.php
	single.php
	style.css
	taxonomy-custom_cat.php

bones - index.php

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page.php

archive.php

page-custom.php

archive-custom_type.php

search.php

single.php

single-custom_type.php

taxonomy-custom_cat.php

404.php

header.php

footer.php

sidebar.php

comments.php

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<?php get_header(); ?>
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<?php get_comments(); ?>
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http://codex.wordpress.org/Function_Reference/locate_template

locate_template()

```
<?php get_template_part(); ?>
```

“Load a template part into a template (other than header, sidebar, footer).

Makes it easy for a theme to reuse sections of code and an easy way for child themes to replace sections of their parent theme.”

roots.io



Starter Theme

WordPress Stack

Docs

Themes

Screencasts

Plugins

Blog

Community



Roots

WordPress Starter Theme

Make better themes with HTML5 Boilerplate, Bootstrap, and Grunt.

Get Started

GitHub

Features

Minimal, accessible markup

Roots markup is based off [HTML5 Boilerplate](#) along with ARIA roles and [microformats](#). WordPress code output is aggressively cleaned up.

Theme activation jump start

[Stop wasting time](#) messing around with WordPress settings and get straight to coding your theme.

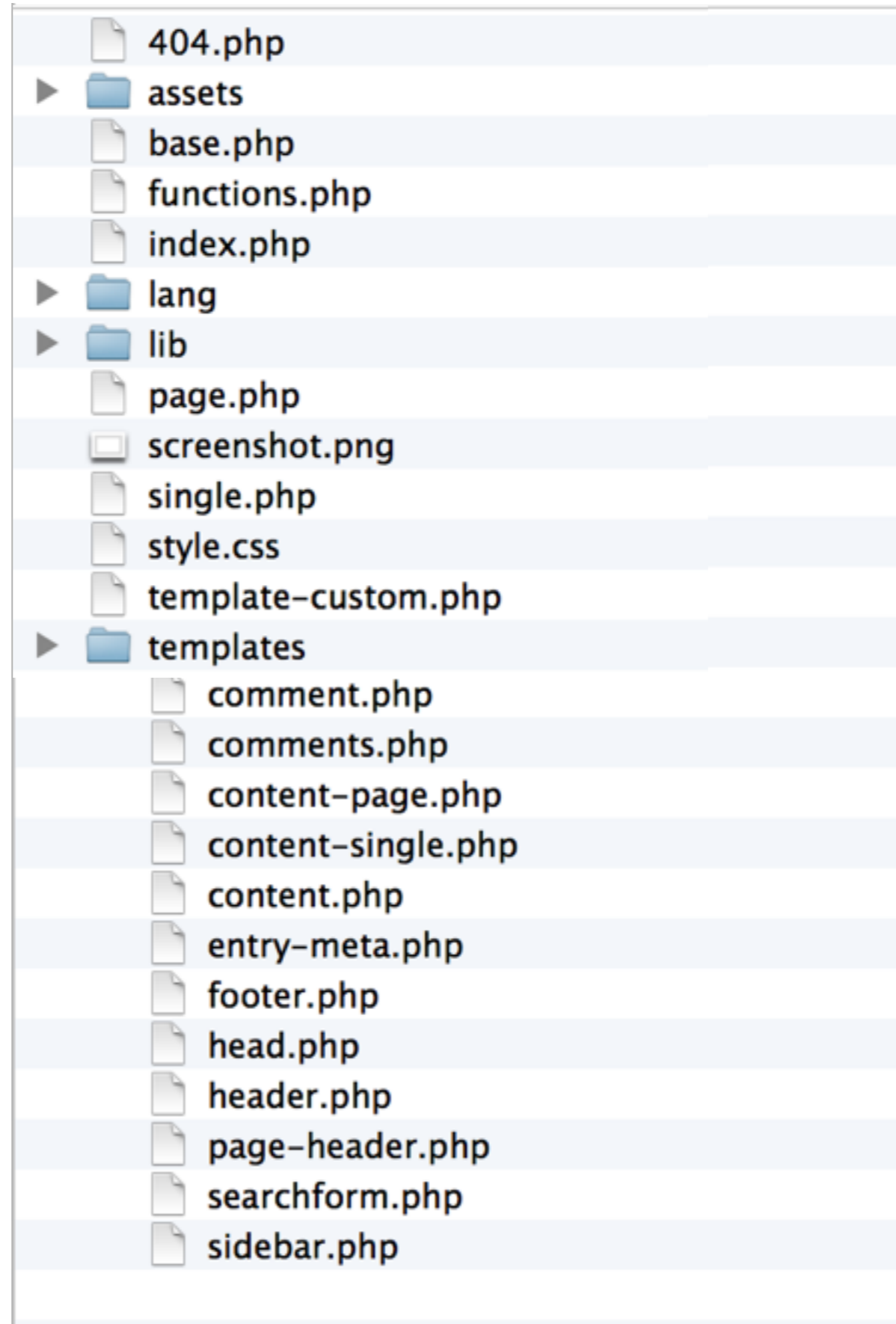
Write less code with the theme wrapper

[Template markup is controlled by a theme wrapper](#) and is handled by one file instead of being scattered across all template files like typical themes.

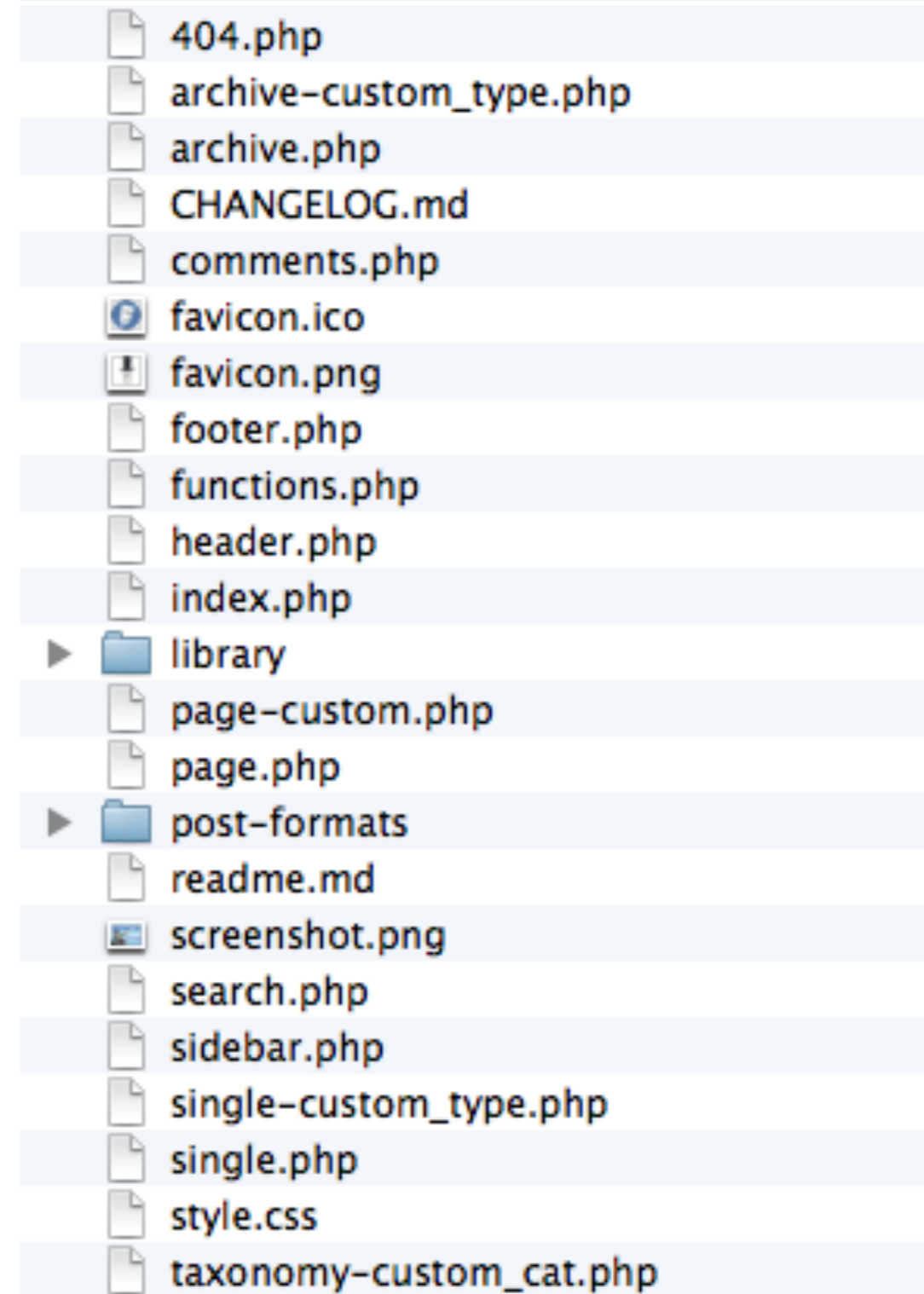
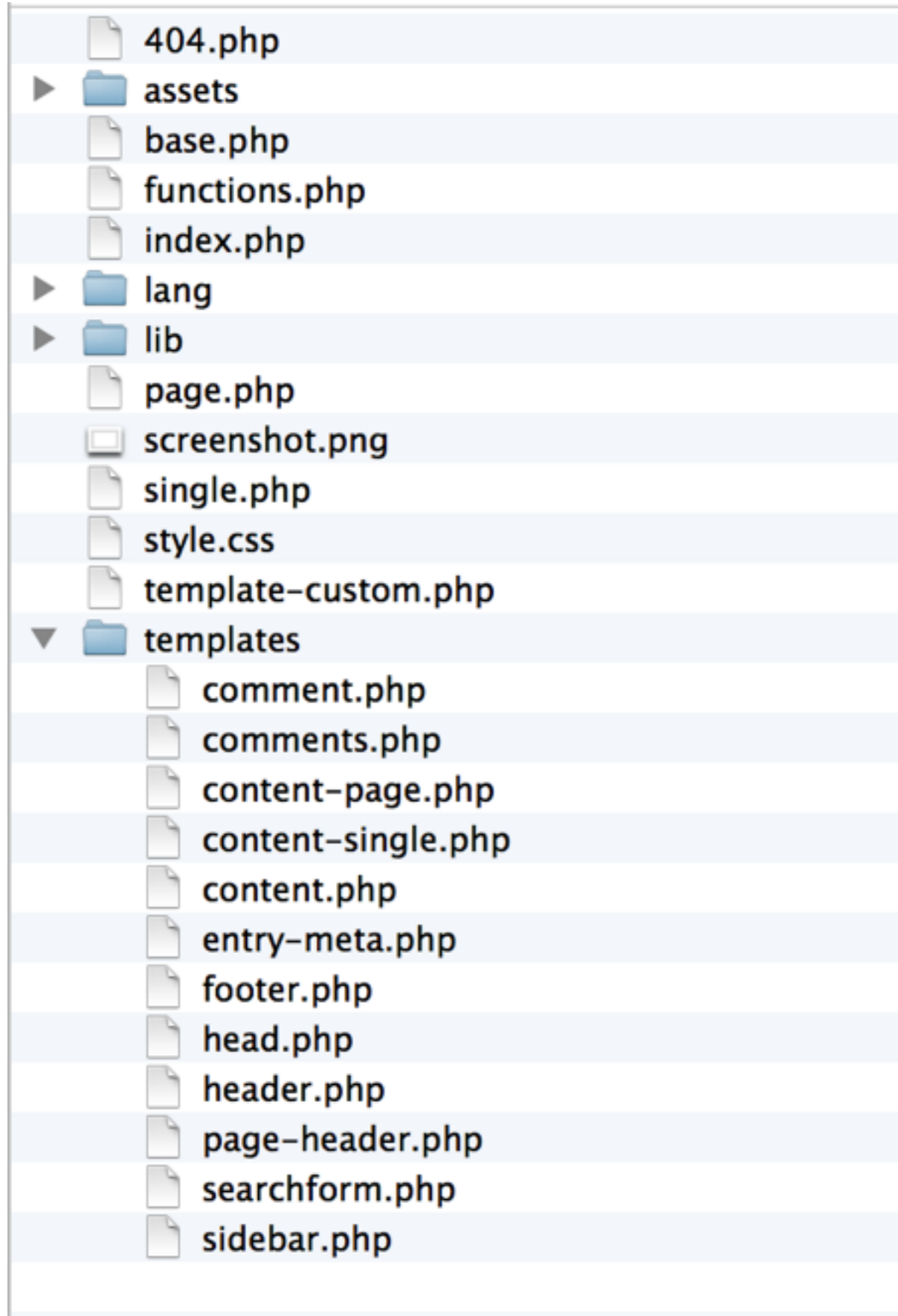
Bootstrap ready

Roots includes Bootstrap for faster web development, but it can easily be removed or replaced with your preferred CSS framework.

roots - theme directory



bones vs roots - fight!



roots - index.php

```
<?php get_template_part('templates/page', 'header'); ?>

<?php if (!have_posts()) : ?>
    <div class="alert alert-warning">
        <?php _e('Sorry, no results were found.', 'roots'); ?>
    </div>
    <?php get_search_form(); ?>
<?php endif; ?>

<?php while (have_posts()) : the_post(); ?>
    <?php get_template_part('templates/content', get_post_format()); ?>
<?php endwhile; ?>

<?php if ($wp_query->max_num_pages > 1) : ?>
    <nav class="post-nav">
        <ul class="pager">
            <li class="previous"><?php next_posts_link(__('&larr; Older posts', 'roots')); ?></li>
            <li class="next"><?php previous_posts_link(__('Newer posts &rarr;', 'roots')); ?></li>
        </ul>
    </nav>
<?php endif; ?>
```

roots - index.php

```
<?php get_template_part('templates/page', 'header'); ?>
```

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<?php if (!have_posts()) : ?>  
  <div class="alert alert-warning">  
    <?php _e('Sorry, no results were found.', 'roots'); ?>  
  </div>  
  <?php get_search_form(); ?>  
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      <li class="previous"><?php next_posts_link(__('&larr; Older posts', 'roots')); ?></li>  
      <li class="next"><?php previous_posts_link(__('Newer posts &rarr;', 'roots')); ?></li>  
    </ul>  
  </nav>  
<?php endif; ?>
```

roots - header.php

```
<header class="banner navbar navbar-default navbar-static-top" role="banner">
  <div class="container">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-
target=".navbar-collapse">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="<?php echo esc_url(home_url('/')); ?>/"><?php
bloginfo('name'); ?></a>
    </div>

    <nav class="collapse navbar-collapse" role="navigation">
      <?php
        if (has_nav_menu('primary_navigation')) :
          wp_nav_menu(array('theme_location' => 'primary_navigation', 'menu_class' => 'nav
navbar-nav'));
        endif;
      ?>
    </nav>
  </div>
</header>
```

roots – head.php

```
<!doctype html>
<html class="no-js" <?php language_attributes(); ?>>
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <title><?php wp_title('|', true, 'right'); ?></title>
  <meta name="viewport" content="width=device-width, initial-scale=1">

  <?php wp_head(); ?>

  <link rel="alternate" type="application/rss+xml" title="<?php echo get_bloginfo('name'); ?>
Feed" href="<?php echo esc_url(get_feed_link()); ?>">
</head>
```

roots – base.php

```
<?php get_template_part('templates/head'); ?>
<body <?php body_class(); ?>>

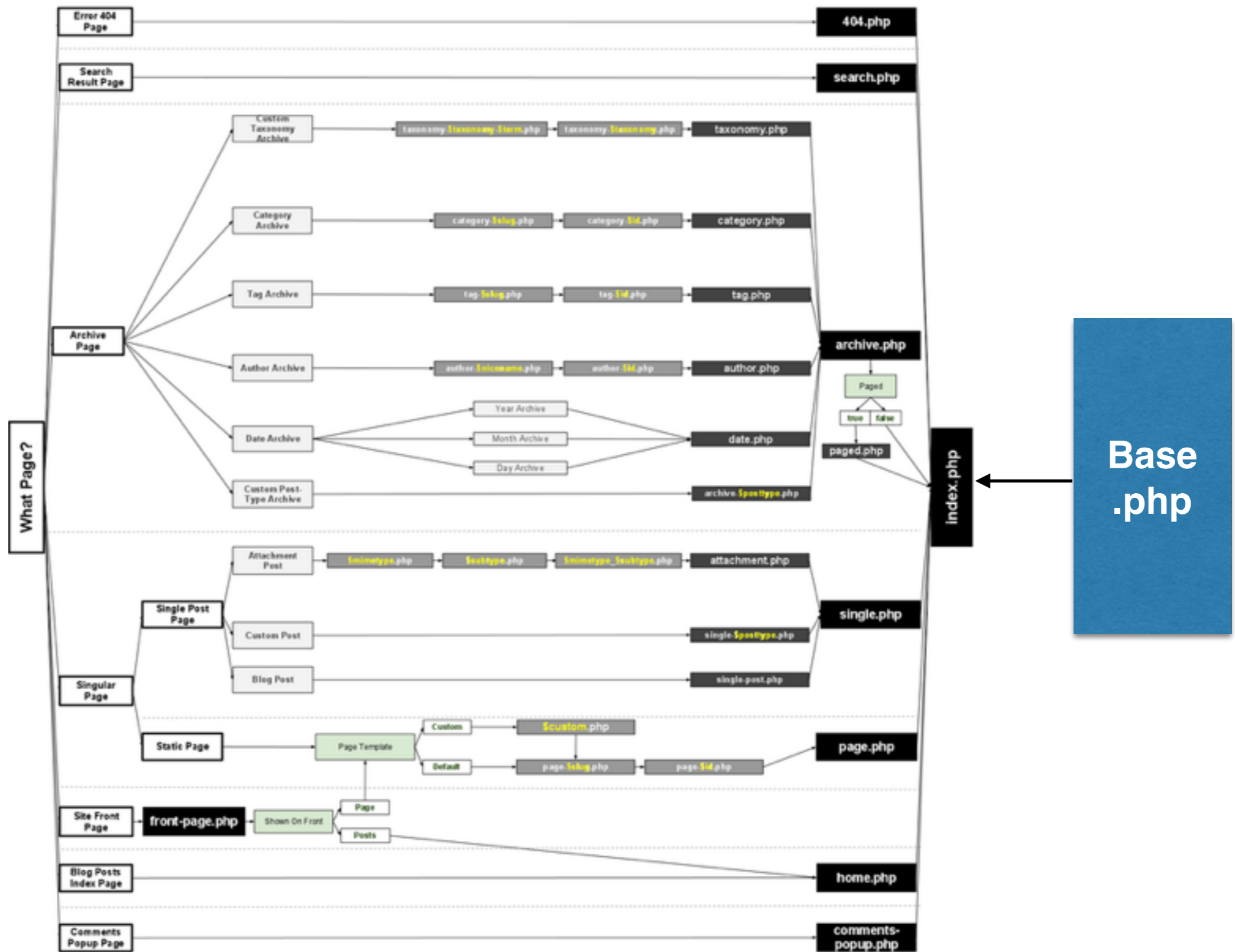
    <?php
        do_action('get_header');
        get_template_part('templates/header');
    ?>

    <div class="wrap container" role="document">
        <div class="content row">
            <main class="main <?php echo roots_main_class(); ?>" role="main">
                <?php include roots_template_path(); ?>
            </main><!-- /.main -->
            <?php if (roots_display_sidebar()) : ?>
                <aside class="sidebar <?php echo roots_sidebar_class(); ?>" role="complementary">
                    <?php include roots_sidebar_path(); ?>
                </aside><!-- /.sidebar -->
            <?php endif; ?>
        </div><!-- /.content -->
    </div><!-- /.wrap -->

    <?php get_template_part('templates/footer'); ?>

</body>
</html>
```

Template Hierarchy



base.php —> locate_template()

<http://roots.io/an-introduction-to-the-roots-theme-wrapper/>

<http://scribu.net/wordpress/theme-wrappers.html>

Questions: **@mattradford**

Slides: **mattrad.uk**

Contribute: **github.com/mattradford/DRY-bones**



10degrees.uk