



## Template Files

| Filename                  | Description  |
|---------------------------|--|
| <b>style.css</b>          | The main stylesheet. This must be included with your Theme, and it must contain the information header for your Theme.   |
| <b>index.php</b>          | The main template. If your Theme provides its own templates, index.php must be present.  |
| <b>comments.php</b>       | The comments template. If not present, comments.php from the "default" Theme is used.  |
| <b>comments-popup.php</b> | The popup comments template. If not present, comments-popup.php from the "default" Theme is used.  |
| <b>home.php</b>           | The home page template.  |
| <b>single.php</b>         | The single post template. Used when a single post is queried. For this and all other query templates, index.php is used if the query template is not present.                                  |
| <b>page.php</b>           | The page template. Used when an individual Page is queried.  |
| <b>category.php</b>       | The category template. Used when a category is queried.  |
| <b>author.php</b>         | The author template. Used when an author is queried.   |
| <b>date.php</b>           | The date/time template. Used when a date or time is queried. Year, month, day, hour, minute, second.   |
| <b>archive.php</b>        | The archive template. Used when a category, author, or date is queried. Note that this template will be overridden by category.php, author.php, and date.php for their respective query types. |
| <b>search.php</b>         | The search results template. Used when a search is performed.  |
| <b>404.php</b>            | The 404 Not Found template. Used when WordPress cannot find a post or page that matches the query.   |

## Include template

| Filename                   | Description  |
|----------------------------|--|
| <b>get_header()</b>        | This tag includes the file <i>header.php</i> from your current theme's directory. If that file is not found, it will instead include <i>wp-content/themes/default/header.php</i>     |
| <b>get_footer()</b>        | This tag includes the file <i>footer.php</i> from your current theme's directory. If that file is not found, it will instead include <i>wp-content/themes/default/footer.php</i>     |
| <b>get_sidebar()</b>       | This tag includes the file <i>sidebar.php</i> from your current theme's directory. If that file is not found, it will instead include <i>wp-content/themes/default/sidebar.php</i>   |
| <b>comments_template()</b> | This tag includes the file <i>comments.php</i> from your current theme's directory. If that file is not found, it will instead include <i>wp-content/themes/default/comments.php</i> |
| <b>include ('any.php')</b> | PHP function – include any template  |
|                            | <code>&lt;?php include (TEMPLATEPATH . '/header2.php'); ?&gt;</code>   |

## The Loop

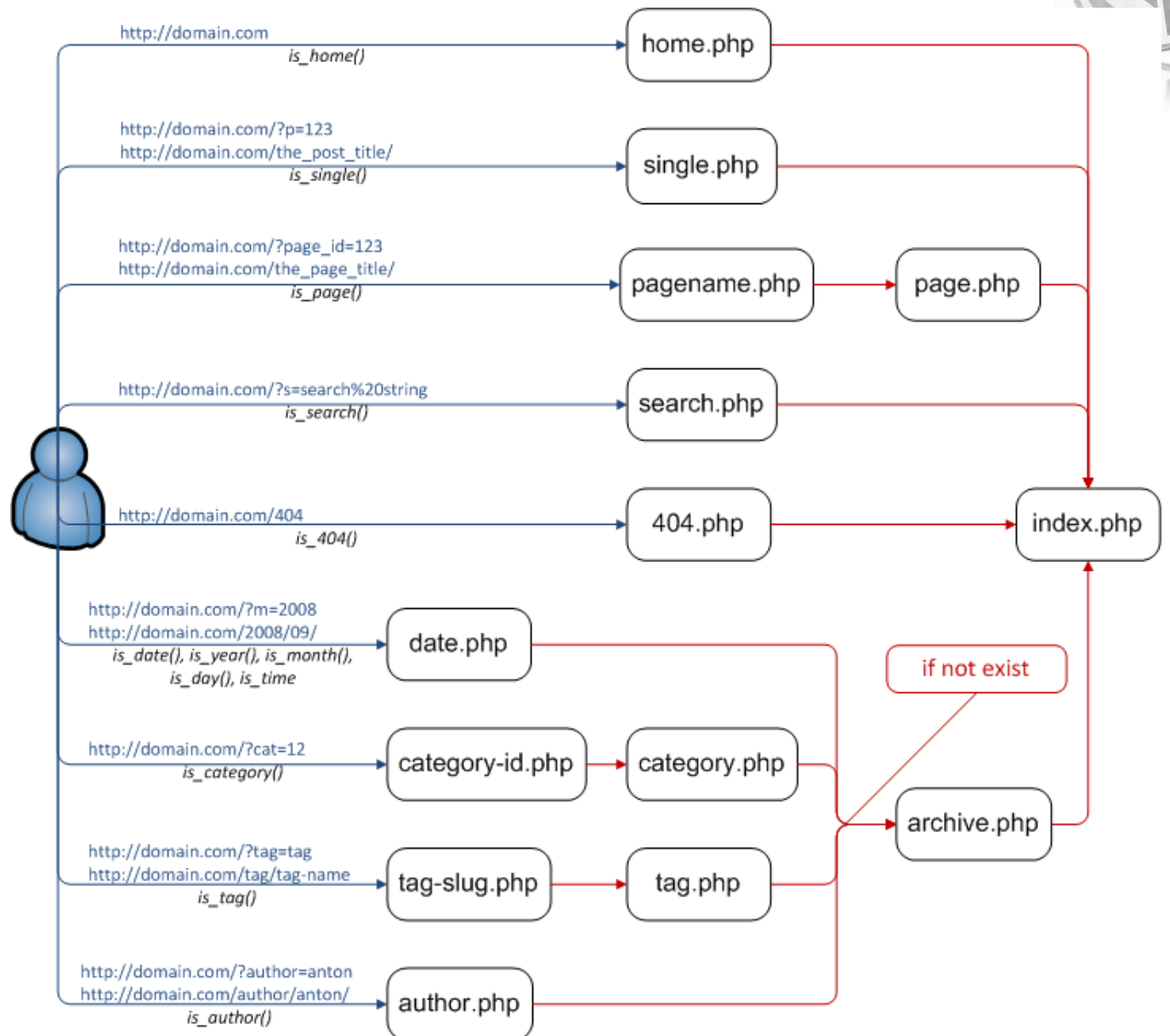
### Simplest

```
<?php
if (have_posts()) :
    while (have_posts()) : // The Main Loop
        the_post(); // Required Call
        the_content(); // Get Content
    endwhile;
endif;
?>
```

[Link to Codex Page](#)



## Template Hierarchy



## Template Examples

style.css

```

/*
Theme Name: WordPress Classic
Theme URI: http://wordpress.org/
Description: The WordPress theme
Author: First Name
Author URI:
Tags: mantle color, variable width, two columns, widgets
Template: use-this-to-define-a-parent-theme
Version: 1.0
    
```

General comments/License Statement if any.

```
*/
```



## header.php

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" <?php language_attributes(); ?>>
<head profile="http://gmpg.org/xfn/11">
    <meta http-equiv="Content-Type" content="<?php bloginfo('html_type'); ?>; charset=<?php
bloginfo('charset'); ?>" />
    <title><?php bloginfo('name'); ?> <?php wp_title(); ?></title>

    <link rel="stylesheet" href="<?php bloginfo('stylesheet_url'); ?>" type="text/css" media="screen" />
    <link rel="alternate" type="application/rss+xml" title="RSS 2.0" href="<?php bloginfo('rss2_url'); ?>" />

    <link rel="pingback" href="<?php bloginfo('pingback_url'); ?>" />
    <?php wp_get_archives('type=monthly&format=link'); ?>
    <?php comments_popup_script(); // off by default ?>
    <?php wp_head(); // API Hook ?>
</head>

<body>

```

## index.php

```

<?php get_header(); // header.php ?>
<?php if (have_posts()) : ?>
    <?php while (have_posts()) : the_post(); // the loop ?>
        <div class="post" id="post-<?php the_ID(); ?>">
            <h2><a href="<?php the_permalink() ?>" rel="bookmark" title="Permanent Link to
<?php the_title_attribute(); ?>"><?php the_title(); ?></a></h2>
            <?php the_time('F jS, Y') ?> by <?php the_author() ?>
            <?php the_content('Read the rest of this entry &raquo;'); ?>
            Post Tags: <?php the_tags(' ', ' ', '<br />'); ?>
            Posted in <?php the_category(' ') ?>
            <?php comments_popup_link('No Comments &#187;', '1 Comment &#187;', '%
Comments &#187;'); ?>
        </div>
    <?php endwhile; ?>
    <?php next_posts_link('&laquo; Older Entries') ?>
    <?php previous_posts_link('Newer Entries &raquo;') ?>
<?php else : ?>
    <h2 class="center">Not Found</h2>
    <p class="center">Sorry, but you are looking for something that isn't here.</p>
    <?php include (TEMPLATEPATH . '/searchform.php'); ?>
<?php endif; ?>
<?php get_sidebar(); // sidebar.php ?>
<?php get_footer(); // footer.php ?>

```

## sidebar.php

```

<ul>
    <?php /* Widgetized sidebar, if you have the plugin installed. */
    if ( !function_exists('dynamic_sidebar') || !dynamic_sidebar() ) : ?>
    <li>
        <?php include (TEMPLATEPATH . '/searchform.php'); ?>
    </li>
</ul>

```



```

<?php wp_list_pages('title_li=<h2>Pages</h2>'); ?>
<?php wp_list_bookmarks(); ?>
<li><h2>Archives</h2>
    <ul>
        <?php wp_get_archives('type=monthly'); ?>
    </ul>
</li>
<li><h2>Meta</h2>
    <ul>
        <?php wp_meta(); // API Hook ?>
        <?php wp_register(); ?>
        <li><?php wp_logout(); ?></li>
    </ul>
</li>
<?php endif; ?>
</ul>

```

### comments.php

```

<?php if ($comments) : ?>
    <h3 id="comments"><?php comments_number('No Responses', 'One Response', '% Responses');?> to
<?php the_title(); ?></h3>
    <ol >
        <?php foreach ($comments as $comment) : // The Comments Loop ?>
            <li id="comment-<?php comment_ID() ?>">
                <?php echo get_avatar( $comment, 32 ); ?>
                <cite><?php comment_author_link() ?></cite> Says:
                <?php if ($comment->comment_approved == '0') : ?>
                    <em>Your comment is awaiting moderation.</em>
                <?php endif; ?>
                <a href="#comment-<?php comment_ID() ?>" title="">
                    <?php comment_date('F jS, Y') ?> at <?php comment_time() ?>
                </a>
                <?php comment_text() ?>
            </li>
        <?php endforeach; /* end for each comment */ ?>
    </ol>
    <?php else : // this is displayed if there are no comments so far ?>
        <?php if ('open' == $post->comment_status) : // comments are open, but there are no comments ?>
            <?php else : // comments are closed ?>
                <p class="nocomments">Comments are closed.</p>
            <?php endif; ?>
        <?php endif; ?>
<?php endif; ?>

```

### footer.php

```

<?php wp_footer(); // API Hook ?>
</body>
</html>

```



## Template Functions

| Function                         | Description   |
|----------------------------------|---|
| <code>wp_title()</code>          | Title of the specific post or page<br><?php wp_title(); ?>  |
| <code>wp_get_archives()</code>   | Displays a date-based archives list   |
| <code>wp_list_authors()</code>   | Displays a list of the blog's authors (users)   |
| <code>wp_list_bookmarks()</code> | Displays bookmarks found in the <a href="#">Administration</a> > <a href="#">Blogroll</a> > <a href="#">Manage Blogroll</a> panel |
| <code>wp_list_pages()</code>     | Displays a list of WordPress Pages as links.  |
| <code>wp_register()</code>       | This tag displays either the "Register" link to users that are not logged in or the "Site Admin" link if a user is logged in      |
| <code>wp_logout()</code>         | Displays a login link, or if a user is logged in, a logout link   |
| <code>wp_tag_cloud()</code>      | Displays a list of tags in what is called a 'tag cloud'   |
| <code>bloginfo('param')</code>   | Displays information about blog (see table below)<br><?php bloginfo('name'); ?>   |

## API hooks

| Function                    | Description   |
|-----------------------------|---|
| <code>wp_head()</code>      | Goes in the HTML <head> element of a theme; header.php template                                       |
| <code>wp_footer()</code>    | Goes in the "footer" of a theme; footer.php template  |
| <code>wp_meta()</code>      | Typically goes in the <li>Meta</li> section of a theme's menu or sidebar; sidebar.php template        |
| <code>comment_form()</code> | Goes in comments.php and comments-popup.php, directly before the comment form's closing tag (</form>) |

## Conditions Functions

| Function                        | Description   |
|---------------------------------|---|
| <code>is_home()</code>          | When the main blog page is being displayed.   |
| <code>is_front_page()</code>    | When it is the front of the site displayed, whether it is posts or a Page   |
| <code>is_single()</code>        | When any single Post page is being displayed  |
| <code>is_single('17')</code>    | When Post 17 is being displayed as a single Post (understand Id, name, slug)  |
| <code>comments_open()</code>    | When comments are allowed for the current Post being processed <b>in the Loop</b>                                       |
| <code>pings_open()</code>       | When pings are allowed for the current Post being processed <b>in the Loop</b>  |
| <code>is_page()</code>          | When any Page is being displayed  |
| <code>is_page('42')</code>      | When Page 42 (ID) is being displayed  |
| <code>is_page_template()</code> | Is a Page Template being used?  |
| <code>is_category()</code>      | When any Category archive page is being displayed.  |
| <code>is_category('9')</code>   | When the archive page for Category 9 is being displayed (understand Id, name, slug)                                     |
| <code>in_category('5')</code>   | Returns true if the current post is in the specified category id  |
| <code>is_tag()</code>           | When any Tag archive page is being displayed  |
| <code>has_tag()</code>          | When the current post has a tag. Must be used <b>inside The Loop</b> . (Version 2.6)                                    |
| <code>is_author()</code>        | When any Author page is being displayed   |
| <code>is_author('4')</code>     | When the archive page for Author 4 (ID) is being displayed. (NickName, NiceName)  |
| <code>is_date()</code>          | When any date-based archive page is being displayed (i.e. a monthly, yearly, daily or time-based archive).              |
| <code>is_year()</code>          | When a yearly archive is being displayed.   |
| <code>is_month()</code>         | When a monthly archive is being displayed.  |
| <code>is_day()</code>           | When a daily archive is being displayed.  |
| <code>is_time()</code>          | When an hourly, "minutely", or "secondly" archive is being displayed.   |
| <code>is_archive()</code>       | When any type of Archive page is being displayed. Category, Tag, Author and Date based pages are all types of Archives. |



|                                    |   |
|------------------------------------|---|
| <b>is_search()</b>                 | When a search result page archive is being displayed.             |
| <b>is_404()</b>                    | When a page displays after an "HTTP 404: Not Found" error occurs. |
| <b>is_paged()</b>                  | When the page being displayed is "paged".                         |
| <b>is_attachment()</b>             | When an attachment document to a post or Page is being displayed. |
| <b>is_preview()</b>                | When a single post being displayed is viewed in Draft mode.       |
| <a href="#">Link to Codex Page</a> |   |

### Function *bloginfo('param')*

| Param Name                         | Description  |
|------------------------------------|--|
| <b>name</b>                        | Weblog title; set in General Options. (Default)<br><h1><?php bloginfo('name'); ?></h1>   |
| <b>description</b>                 | Tagline for your blog; set in General Options.<br><meta name="description" content="<?php bloginfo('description'); ?>" />  |
| <b>url</b>                         | URL for your blog's web site address.<br><a href="<?php bloginfo('url'); ?>"><?php bloginfo('name'); ?></a>  |
| <b>rdf_url</b>                     | URL for RDF/RSS 1.0 feed.  |
| <b>rss_url</b>                     | URL for RSS 0.92 feed.   |
| <b>rss2_url</b>                    | URL for RSS 2.0 feed.  |
| <b>atom_url</b>                    | URL for Atom feed.   |
| <b>comments_rss2_url</b>           | URL for comments RSS 2.0 feed.   |
| <b>comments_atom_url</b>           | URL for comments Atom 1.0 feed<br><link rel="alternate" href="<?php bloginfo('rss2_url'); ?>" type="application/rss+xml" title="RSS 2.0" />  |
| <b>pingback_url</b>                | URL for Pingback (XML-RPC file).<br><link rel="pingback" href="<?php bloginfo('pingback_url'); ?>" />  |
| <b>admin_email</b>                 | Administrator's email address; set in General Options.<br><a href="mailto:<?php bloginfo(' admin_email '); ?>">Administrator</a>   |
| <b>html_type</b>                   | "Content-type" for your blog.  |
| <b>charset</b>                     | Character encoding for your blog; set in Reading Options.<br><meta http-equiv="Content-Type" content="<?php bloginfo('html_type'); ?>; charset=<?php bloginfo('charset'); ?>" />                 |
| <b>language</b>                    | The code for your blog's current language  |
| <b>version</b>                     | Version of WordPress your blog uses.   |
| <b>text_direction</b>              | Returns 'rtl' for right to left or 'ltr' for left to right (Default).  |
| <b>template_url</b>                | URL for template in use  |
| <b>template_directory</b>          | URL for template's directory   |
| <b>stylesheet_url</b>              | URL for primary CSS file.<br>Returns: http://example.com/wp-content/themes/ + your-active-theme-name(value from wp_options, "stylesheet" row) + "/style.css"(hardcoded in wp-includes/theme.php) |
| <a href="#">Link to Codex Page</a> |  |

### Template Tags

| Author tags   | Category tags  |
|---|--|
| <a href="#">the_author</a><br><a href="#">the_author_description</a><br><a href="#">the_author_login</a><br><a href="#">the_author_firstname</a><br><a href="#">the_author_lastname</a><br><a href="#">the_author_nickname</a><br><a href="#">the_author_ID</a><br><a href="#">the_author_email</a> | <a href="#">the_category</a><br><a href="#">the_category_rss</a><br><a href="#">single_cat_title</a><br><a href="#">category_nicename</a><br><a href="#">category_description</a><br><a href="#">wp_dropdown_categories</a> (Version 2.1)<br><a href="#">wp_list_categories</a> (Version 2.1)<br><a href="#">in_category</a> |



|  |   |
|--|---|
| <a href="#">the_author_url</a><br><a href="#">the_author_link</a> (Version 2.1)<br><a href="#">the_author_aim</a><br><a href="#">the_author_yim</a><br><a href="#">the_author_posts</a><br><a href="#">the_author_posts_link</a><br><a href="#">wp_list_authors</a>  | <a href="#">get_category_parents</a><br><a href="#">get_the_category</a><br><a href="#">get_category_link</a>   |
| <b>Date and Time tags</b>  | <b>Tag tags</b>   |
| <a href="#">the_date_xml</a><br><a href="#">the_date</a><br><a href="#">the_time</a><br><a href="#">the_modified_date</a> (Version 2.1)<br><a href="#">the_modified_time</a><br><a href="#">get_the_time</a> (Version 1.5)<br><a href="#">get_calendar</a><br><a href="#">single_month_title</a>   | <a href="#">the_tags</a> (Version 2.3)<br><a href="#">get_the_tags</a> (Version 2.3)<br><a href="#">get_the_tag_list</a> (Version 2.3)<br><a href="#">single_tag_title</a> (Version 2.3)<br><a href="#">get_tag_link</a><br><a href="#">wp_tag_cloud</a> (Version 2.3)<br><a href="#">wp_generate_tag_cloud</a>   |
| <b>Link tags</b>   | <b>Comment tags</b>   |
| <a href="#">edit_post_link</a><br><a href="#">edit_comment_link</a><br><a href="#">wp_link_pages</a><br><a href="#">get_year_link</a><br><a href="#">get_month_link</a><br><a href="#">get_day_link</a><br><a href="#">previous_posts_link</a><br><a href="#">next_posts_link</a>  | <a href="#">comments_number</a><br><a href="#">comments_link</a><br><a href="#">comments_rss_link</a><br><a href="#">comments_popup_script</a><br><a href="#">comments_popup_link</a><br><a href="#">permalink_comments_rss</a><br><br>While in The Comments Loop, these values can be accessed through the \$comment object.   |
| <b>Links Manager tags</b>  | <a href="#">comment_ID</a><br><a href="#">comment_author</a><br><a href="#">comment_author_IP</a><br><a href="#">comment_author_email</a><br><a href="#">comment_author_url</a><br><a href="#">comment_author_email_link</a><br><a href="#">comment_author_url_link</a><br><a href="#">comment_author_link</a><br><a href="#">comment_type</a><br><a href="#">comment_text</a><br><a href="#">comment_excerpt</a><br><a href="#">comment_date</a><br><a href="#">comment_time</a><br><a href="#">comment_author_rss</a><br><a href="#">comment_text_rss</a><br><a href="#">comment_link_rss</a> |
| <b>Post tags</b>   |   |
| While in The Loop, these values can be accessed through the \$post object.<br><br><a href="#">the_ID</a><br><a href="#">the_title</a><br><a href="#">the_title_attribute</a> (Version 2.3)<br><a href="#">the_title_rss</a><br><a href="#">the_content</a><br><a href="#">the_content_rss</a><br><a href="#">the_excerpt</a><br><a href="#">the_excerpt_rss</a><br><a href="#">the_meta</a><br><a href="#">the_tags</a> (Version 2.3)<br><a href="#">single_post_title</a><br><a href="#">previous_post_link</a><br><a href="#">next_post_link</a><br><a href="#">posts_nav_link</a> |   |
| <b><a href="#">Link to Codex Page</a></b>  |   |

## Links

| Link  | Description                  |
|---|------------------------------|
| <a href="http://codex.wordpress.org/">http://codex.wordpress.org/</a>                 | Codex Main Page              |
| <a href="http://codex.../Theme_Development">http://codex.../Theme_Development</a>     | Theme Development            |
| <a href="http://codex.../Upgrading_WordPress">http://codex.../Upgrading_WordPress</a> | Upgrading WordPress Tutorial |