



WordPress

Cheat Sheet

Most common functions, commands, and keyboard shortcuts to help you with your WordPress theme development journey.

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WP-CLI Cheat Sheet

WP-CLI is the command-line interface for WordPress. You can update plugins, configure multisite installations and much more, without using a web browser.

Download WordPress

```
wp core download
```

Generate wp-config.php file.

```
wp core config --dbname=<dbname>  
--dbuser=<dbuser> --dbpass=<dbpass>  
--dbprefix=<dbprefix>
```

Install WordPress

```
wp core install --url="your_domain_name"  
--title="Your Blog Title" --admin_user="admin"  
--admin_password="your_password"  
--admin_email="your_email"
```

Search plugin

```
wp plugin search yoast
```

Install plugin

```
wp plugin install pluginname
```

List plugins

```
wp plugin list
```

List installed themes

```
wp theme list
```

Search for new themes

```
wp theme search keyword
```

Install theme

```
wp theme install bootstrap-four
```

Activate theme

```
wp theme activate bootstrap-four
```

List posts

```
wp post list
```

Edit post

```
wp post edit 1
```

Post update

```
wp post update 1  
--post_title="Your New title..."
```

Create posts

```
wp post create  
--post_status=publish  
--post_title="Second Post"  
--edit
```

Login WordPress db

```
wp db cli
```

List WordPress users

```
wp db query "SELECT user_login, ID FROM wp_users;"
```

Change WordPress post author

```
wp post update 6 --post_author=1
```

Optimize db

```
wp db optimize
```

Update WordPress

```
wp core update
```

Update WordPress DB

```
wp core update-db
```

Update all plugins

```
wp plugin update --all
```

WordPress Themes Development Cheat Sheet

WordPress Theme Definition

Your theme's information is stored in the theme's main style.css file. The information is displayed when you view your theme on Appearance > Themes or on WordPress' theme repository (if it's submitted and approved).

```
/*
Theme Name: Twenty Seventeen
Theme URI: https://WordPress.org/themes/twentyseventeen/ Author: the
WordPress team
Author URI: https://WordPress.org/
Description: Twenty Seventeen brings your site to life with immersive
featured images and subtle animations. With a focus on business
sites, it features multiple sections on the front page as well as
widgets, navigation and social menus, a logo, and more. Personalize
its asymmetrical grid with a custom color scheme and showcase your
multimedia content with post formats. Our default theme for 2017 works
great in many languages, for any abilities, and on any device.
Version: 1.0
License: GNU General Public License v2 or later License URI: http://www.
gnu.org/licenses/gpl-2.0.html Text Domain: twentyseventeen
Tags: one-column, two-columns, right-sidebar, flexible-header,
accessibility-ready, custom-colors, custom-header, custom-menu,
custom-logo, editor-style, featured-images, footer-widgets, post-
formats, rtl-language-support, sticky-post, theme-options, threaded-
comments, translation-ready

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.
*/
```

WordPress Template Files

Basic files every WordPress theme should have:

```
style.css           // Theme's main stylesheet file
index.php           // Main template file
single.php         // Single post file.
                   // ..Used for to display single posts only
archive.php        // Archive or Category template file
searchform.php    // Search form file
search.php         // Search results file
404.php           // 404 error page file.
                   // ..Will be displayed if no page can be found.
comments.php      // Comments template file
footer.php        // Footer content file
header.php        // Header content file
sidebar.php       // Sidebar content file
page.php          // Single page file. Used for pages only.
```

WordPress Template Anatomy

header.php

```
get_header();
wp_nav_menu(); // (registered in functions.php)
get_search_form();
```

The Loop

```
index.php
home.php
archive.php
page.php
single.php
comments_template();
search.php
author.php
404.php
```

sidebar.php

```
get_sidebar()
```

footer.php

```
get_footer()
```

Not Displayed

```
style.css           // Theme style
functions.php       // Theme functions
comments.php       // Comments template
```

WordPress Template Tags

Template tags are used within themes to retrieve content from your database. The content could be anything from a blog title to a complete sidebar. Template tags are the preferred method to pull content into your theme because: they can print dynamic content; they can be used in multiple theme files; and they separate the theme into smaller, more understandable, sections.

<code>the_content()</code>	Get post content
<code>the_excerpt()</code>	Get the post excerpt
<code>the_title()</code>	Get the title of the post
<code>the_permalink()</code>	Display post link
<code>the_category(‘, ‘)</code>	Display category of a post
<code>the_author()</code>	Show post author
<code>the_ID()</code>	Display post ID
<code>edit_post_link()</code>	Show Edit link for a post
<code>next_post_link(‘%link’)</code>	Display next page URL
<code>previous_post_link(‘%link’)</code>	Display previous page URL
<code>get_links_list()</code>	Retrieve blogroll links
<code>wp_list_pages()</code>	Retrieve all pages
<code>wp_get_archives()</code>	Retrieve archive for the site
<code>wp_list_cats()</code>	Retrieve all categories
<code>get_calendar()</code>	Show the built-in WordPress calendar
<code>wp_register()</code>	Show register link
<code>wp_loginout()</code>	Displays login or logout links (for registered users)

Include Tags

Use these tags to include templates to your theme.

<code><?php get_header(); ?></code>	Includes header.php and display its content
<code><?php get_sidebar(); ?></code>	Includes sidebar.php
<code><?php get_footer(); ?></code>	Includes the footer.php
<code><?php comments_template(); ?></code>	Load specific template for comments

Useful Header Functions

<code>site_url()</code>	Get WordPress site url
<code>wp_title()</code>	Get page title
<code>bloginfo('name')</code>	Get blog name
<code>bloginfo('description')</code>	Get blog description
<code>get_stylesheet_directory_uri()</code>	Get stylesheet directory URI
<code>bloginfo('atom_rul')</code>	Get Atom feed URL
<code>bloginfo('rss2_url')</code>	RSS 2.0 URL

The Loop

The Loop is the default mechanism WordPress uses for outputting posts through a theme's template files.

```
<?php if ( have_posts() ) : ?>
    <?php while ( have_posts() ) : the_post(); ?>
        // Display post content
    <?php endwhile; ?>
<?php endif; ?>
```


WordPress Menu and Sidebars

Default Navigation Menu

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

Specific Navigation Menu

```
<?php wp_nav_menu( array( 'menu' => My Navigation' )); ?>
```

Category Based Navigation

```
<ul id="menu">
  <li <?php if(is_home()) { ?> class="current-cat" <?php } ?>>
    <a href="<?php bloginfo('home'); ?>">Home</a>
  </li>
  <?php wp_list_categories('title_li=&orderby=id');?>
</ul>
```

Page Based Navigation

```
<ul id="menu">
  <li <?php if(is_home()) { ?> class="current-cat" <?php } ?>>
    <a href="<?php bloginfo('home'); ?>">Home</a>
  </li>
  <?php wp_list_categories('title_li=&orderby=id');?>
</ul>
```

Registering New Sidebar

Add the following code to your functions.php file to register a new sidebar.

```
add_action( 'widgets_init', 'theme_slug_widgets_init' );
function theme_slug_widgets_init() {
    register_sidebar( array(
        'name' =>_( 'My Sidebar', 'theme-slug' ),
        'id' => 'sidebar-1',
        'description' =>_( 'Description', 'theme-slug' ),
        'before_widget' => '<li id="%1$s" class="widget %2$s">',
        'after_widget' => '</li>',
        'before_title' => '<h2 class="widgettitle">',
        'after_title' => '</h2>',
    ));
}
```

WordPress Keyboard Shortcuts

Alt + Shift + Key

Windows/Linux: “Alt + Shift + Key”.

Mac: “Ctrl + Option (alt) + Key”. (WordPress 4.2 below use “Alt + Shift + Key”).

n	Check Spelling (This requires a plugin.)
l	Align Left
j	Justify Text
c	Align Center
d	Strikethrough
r	Align Right
o	• List
a	Insert link
o	1. List
s	Remove link
q	Quote
m	Insert Image
w	Distraction Free Writing mode
t	Insert More Tag
p	Insert Page Break tag
h	Help
x	Add/remove code tag
1	Heading 1
2	Heading 2
3	Heading 3
4	Heading 4
5	Heading 5
6	Heading 6
9	Address

Ctrl + Key

Windows and Linux: “Ctrl + Key”,

Mac: “Command + Key”.

c	Copy
v	Paste
a	Select all
x	Cut
z	Undo
y	Redo
b	Bold
i	Italic
u	Underline
k	Insert/edit link

Formatting Shortcuts

Formatting Shortcuts while using visual editor.

*	Start an unordered list
-	Start an unordered list
1.	Start an ordered list
1)	Start an ordered list
##	H2
###	H3
####	H4
#####	H5
#####	H6
>	Transform text into blockquote
---	Horizontal line
`..`	Transform text into code block

MEGA

WORDPRESS CHEAT SHEET

3 in 1

WP-CLI
WordPress Themes Development
WordPress Keyboard Shortcuts

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WP-CLI CHEAT SHEET

WP-CLI Cheat Sheet

WP-CLI is a tool that gives you the ability to administrate your WordPress through a command line interface. You can execute standard functions, such as plugin installations, as well as commands that are not supported through the standard WordPress back-end. Below you can find useful WP CLI commands

Download WordPress

```
wp core download
```

Generate wp-config.php file.

```
wp core config --dbname=<dbname>  
--dbuser=<dbuser> --dbpass=<dbpass>  
--dbprefix=<dbprefix>
```

Install WordPress

```
wp core install --url="your_domain_name"  
--title="Your Blog Title" --admin_user="admin"  
--admin_password="your_password"  
--admin_email="your_email"
```

Search plugin

```
wp plugin search yoast
```

Install plugin

```
wp plugin install pluginname
```

List plugins

```
wp plugin list
```

List installed themes

```
wp theme list
```

Search for new themes

```
wp theme search keyword
```

Install theme

```
wp theme install bootstrap-four
```

Activate theme

```
wp theme activate bootstrap-four
```

List posts

```
wp post list
```

Edit post

```
wp post edit 1
```

Post update

```
wp post update 1  
--post_title="Your New title..."
```

Create posts

```
wp post create  
--post_status=publish  
--post_title="Second Post"  
--edit
```

Login WordPress db

```
wp db cli
```

List WordPress users

```
wp db query "SELECT user_login,  
ID FROM wp_users;"
```

Change WordPress post author

```
wp post update 6 --post_author=1
```

Optimize db

```
wp db optimize
```

Update WordPress

```
wp core update
```

Update WordPress DB

```
wp core update-db
```

Update all plugins

```
wp plugin update --all
```

WORDPRESS THEMES DEVELOPMENT CHEAT SHEET

WordPress Themes Development Cheat Sheet

WordPress Theme Definition

Detail about WordPress theme are stored in `stylesheet.css` file. These details are displayed in the *Appearance > Themes* section. Below you can find an example from Twenty Seventeen theme. Feel free to copy it and adapt to your needs.

```
/*
Theme Name: Twenty Seventeen
Theme URI: https://wordpress.org/themes/twentyseventeen/
Author: the WordPress team
Author URI: https://wordpress.org/
Description: Twenty Seventeen brings your site to life with immersive featured
images and subtle animations. With a focus on business sites, it features multiple
sections on the front page as well as widgets, navigation and social menus, a logo,
and more. Personalize its asymmetrical grid with a custom color scheme and showcase
your multimedia content with post formats. Our default theme for 2017 works great
in many languages, for any abilities, and on any device.
Version: 1.0
License: GNU General Public License v2 or later
License URI: http://www.gnu.org/licenses/gpl-2.0.html
Text Domain: twentyseventeen
Tags: one-column, two-columns, right-sidebar, flexible-header, accessibility-ready,
custom-colors, custom-header, custom-menu, custom-logo, editor-style,
featured-images, footer-widgets, post-formats, rtl-language-support, sticky-post,
theme-options, threaded-comments, translation-ready

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.
*/
```

WordPress Template Files

Basic files every WordPress theme should have:

<code>style.css</code>	Theme's main stylesheet file
<code>index.php</code>	Main template file
<code>single.php</code>	Single post file. Used for to display single posts only
<code>archive.php</code>	Archive or Category template file
<code>searchform.php</code>	Search form file
<code>search.php</code>	Search results file
<code>404.php</code>	404 error page file. Will be displayed if no page can be found.
<code>comments.php</code>	Comments template file
<code>footer.php</code>	Footer content file
<code>header.php</code>	Header content file
<code>sidebar.php</code>	Sidebar content file
<code>page.php</code>	Single page file. Used for pages only.

WordPress Template Anatomy



Not displayed

style.css

Theme styles

functions.php

Theme functions

comments.php

Comments template

WordPress Template Tags

WordPress template tags are used to return information dynamically. In other words they you can use them to customize your WordPress site. For example, `the_title()` tag would display title of the specific post.

<code>the_content();</code>	- Get post content.
<code>the_excerpt();</code>	- Get the post excerpt.
<code>the_title();</code>	- Get the title of the post
<code>the_permalink()</code>	- Display post link
<code>the_category(' , ')</code>	- Display category of a post
<code>the_author();</code>	- Show post author
<code>the_ID();</code>	- Display post ID
<code>edit_post_link();</code>	- Show Edit link for a post
<code>next_post_link(' %link ')</code>	- Display next page URL
<code>previous_post_link('%link')</code>	- Display previous page URL
<code>get_links_list();</code>	- Retrieve blogroll links
<code>wp_list_pages();</code>	- Retrieve all pages
<code>wp_get_archives()</code>	- Retrieve archive for the site
<code>wp_list_cats();</code>	- Retrieve all categories
<code>get_calendar();</code>	- Show the built-in WordPress calendar
<code>wp_register();</code>	- Show register link
<code>wp_loginout();</code>	- Displays login or logout links (for registered users)

Include Tags

Use these tags to include templates to your theme.

<code><?php get_header(); ?></code>	- Includes header.php and display its content.
<code><?php get_sidebar(); ?></code>	- Includes sidebar.php.
<code><?php get_footer(); ?></code>	- Includes the footer.php.
<code><?php comments_template(); ?></code>	- Load specific template for comments.

Useful Header Functions

<code>site_url();</code>	Get WordPress site url
<code>wp_title();</code>	Get page title
<code>bloginfo('name');</code>	Get blog name
<code>bloginfo('description');</code>	Get blog description
<code>get_stylesheet_directory_uri();</code>	Get stylesheet directory URI
<code>bloginfo('template_url');</code>	Get pat template folder
<code>bloginfo('atom_url');</code>	Get Atom feed URL
<code>bloginfo('rss2_url');</code>	RSS 2.0 URL

The Loop

The Loop is PHP code used by WordPress to return posts. It processes individual posts and displays them on the current page. It also formats the post according to how it matches specified parameters.

```
<?php if ( have_posts() ) : ?>
    <?php while ( have_posts() ) : the_post(); ?>
        // Display post content
    <?php endwhile; ?>
<?php endif; ?>
```

WordPress Menu and Sidebars

Default Navigation Menu

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

Specific Navigation Menu

```
<?php wp_nav_menu( array('menu' => My Navigation' )); ?>
```

Category Based Navigation

```
<ul id="menu">
<li <?php if(is_home()) { ?> class="current-cat" <?php } ?>>
<a href="<?php bloginfo('home'); ?>">Home</a></li>
<?php wp_list_categories('title_li=&orderby=id');?>
</ul>
```

Page Based Navigation

```
<ul id="menu">
<li <?php if(is_home()) { ?> class="current-page-item" <?php } ?>>
<a href="<?php bloginfo('home'); ?>">Home</a></li>
<?php wp_list_pages('sort_column=menu_order&depth=1&title_li=');?>
</ul>
```

Registering New Sidebar

Add the following code to your functions.php file to register new side bar.

```
add_action( 'widgets_init', 'theme_slug_widgets_init' );
function theme_slug_widgets_init() {
    register_sidebar( array(
        'name' => __( 'My Sidebar', 'theme-slug' ),
        'id' => 'sidebar-1',
        'description' => __( 'Description', 'theme-slug' ),
        'before_widget' => '<li id="%1$s" class="widget %2$s">',
        'after_widget' => '</li>',
        'before_title' => '<h2 class="widgettitle">',
        'after_title' => '</h2>',
    ) );
}
```

WORDPRESS KEYBOARD SHORTCUTS CHEAT SHEET

WordPress Keyboard Shortcuts Cheat Sheet

Alt + Shift + key

The following shortcuts use a different key combination :

Windows/Linux: "**Alt + Shift + Letter**".
Mac: "**Ctrl + Option (alt) + Letter**".
(Macs running any WordPress version below 4.2 use "**Alt + Shift + Letter**").

n	Check Spelling (This requires a plugin.)
l	Align Left
j	Justify Text
c	Align Center
d	Strikethrough
r	Align Right
u	• List
a	Insert link
o	1. List
s	Remove link
q	Quote
m	Insert Image
w	Distraction Free Writing mode
t	Insert More Tag
p	Insert Page Break tag
h	Help
x	Add/remove code tag
1	Heading 1
2	Heading 2
3	Heading 3
4	Heading 4
5	Heading 5
6	Heading 6
9	Address

Ctrl + key

Windows and Linux use "**Ctrl + Letter**",
Mac uses "**Command + Letter**".

c	Copy
v	Paste
a	Select all
x	Cut
z	Undo
y	Redo
b	Bold
i	Italic
u	Underline
k	Insert/edit link

Formatting Shortcuts

Formatting Shortcuts while using visual editor

*	Start an unordered list
-	Start an unordered list
1.	Start an ordered list
1)	Start an ordered list
##	H2
###	H3
####	H4
#####	H5
#####	H6
>	transform text into blockquote
---	horizontal line
`..`	transform text into code block



THEME STRUCTURE

header.php Header Section
 index.php Main Section
 sidebar.php Sidebar Section
 single.php Post Template
 page.php Page Template
 comments.php Comment Template
 search.php Search Content
 searchform.php Search Form Template
 archive.php Archive Template
 functions.php Special Functions
 404.php Error Page template
 style.css Style Sheet

THE LOOP

```
<?php if(have_posts()):?>
<?php while(have_posts()): the_post():?>
// The Stuff... Custom HTML & PHP Code
<?php else:?>
<?php endif:?>
```

THE CATEGORY BASED LOOP

```
<?php query_posts('category_name=
Category&showposts=10'); ?>
<?php while (have_posts()) : the_post(); ?>
// The Stuff... Custom HTML & PHP Code
<?php endwhile:??>
```

THEME DEFINITION

```
/*
Theme Name: Wordpress
Theme URI: http://wordpress.org/
Description: Test Blog
Version: 1.6
Author: Ekin Ertag
Author URI: http://ekinertag.com
Tags: powerful, cheat, sheet
*/
```

TEMPLATE INCLUDE TAGS

```
< ?php get_header(): ?>
< ?php get_sidebar(): ?>
< ?php get_footer(): ?>
< ?php comments_template(): ?>
```

WORDPRESS TEMPLATE TAGS

```
<?php the_title() ?> .....Displays the posts/pages title
<?php the_content() ?> .....Displays the content of the post/page
<?php the_excerpt() ?> ....Displays the excerpt of the current post/page
<?php the_time() ?> .....Displays the time of the current post/page
<?php the_date() ?> .....Displays the date of a post or set of post/page
<?php the_permalink() ?> .....Displays the URL for the permalink
<?php the_category() ?> .....Displays the category of a post
<?php the_author(): ?> .....Displays the author of the post
<?php the_ID(): ?> .....Displays the numeric ID of the current post
<?php wp_list_pages(): ?> .....Displays all the pages
<?php wp_tag_cloud(): ?> .....Displays a tag cloud
<?php wp_list_cats(): ?> .....Displays the categories
<?php get_calendar(): ?> .....Displays the calendar
<?php wp_get_archives() ?> .....Displays a date-based archives list
<?php posts_nav_link(): ?> ...Displays Previous page and Next Page links
<?php next_post_link() ?> .....Displays Newer Posts link
<?php previous_post_link() ?> .....Displays previous link
<?php edit_post_link(__('Edit Post')): ?> .....Displays the edit link
<?php the_search_query():?> .....Value for search form
<?php wp_register():?> .....Displays the register link
<?php wp_loginout():?> .....Displays the log in/out link
<?php wp_meta():?> .....Meta for administrators
<?php timer_stop(1):?> .....Time to load the page
<?php echo c2c_custom('test'):?> ..... Displays the custom field'
<?php get_links_list(): ?> .....Display links from Blogroll
<?php get_calendar(): ?> .....Displays the built-in calendar
<?php comments_popup_link(): ?> .....Link of the posts comments
```

BLOGINFO TAGS

```
<?php bloginfo('name'): ?> .....Title of the blog
<?php bloginfo('charset'): ?> .....The character set
<?php bloginfo('description'): ?> .....The description of the blog
<?php bloginfo('url'): ?> .....The address of the blog
<?php bloginfo('rss2_url'): ?> .....The RSS URL
<?php bloginfo('template_url'): ?> .....The URL of the template
<?php bloginfo('pingback_url'): ?> .....The pingback URL
<?php bloginfo('stylesheet_url'): ?> The URL for the template's CSS file
<?php bloginfo('wpurl'): ?> .....URL for WordPress installation
<?php bloginfo('version'): ?> ....Version of the WordPress installation
<?php bloginfo('html_type'): ?> .....HTML version of the site
```

BLOGINFO TAGS

```
is_home() .....When the user is on the blog home page
is_front_page() .....When the user is on the home page
is_single() .....When the single post displayed
is_sticky() .....Check if a post is sticky
is_page() .....When a page is displayed
is_category() .....When a category is displayed
```

NAVIGATION MENU

Category Based Navigation

```
<ul id="menu">
<li <?php if(is_home()) { ?> class="current-cat"< ?php } ?>>
<a href="<?php bloginfo('home'): ?>">Home</a></li>
< ?php wp_list_categories('title_li=&orderby=id'): ?>
</ul>
```

Pages based Navigation

```
<ul id="menu">
<li <?php if(is_home()) { ?> class="current_page_item"< ?php } ?>>
<a href="<?php bloginfo('home'): ?>">home</a></li>
< ?php wp_list_pages('sort_column=menu_order&depth=1&title_li='): ?>
</ul>
```