WordPressCheatSheet

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 functionss.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

```php
get_sidebar()
```

footer.php

```php
get_footer()
```

Not Displayed

```php
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.

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

Include Tags

Use these tags to include templates to your theme.

```php
<?php get_header(); ?>
```
Includes header.php and display its content

```php
<?php get_sidebar(); ?>
```
Includes sidebar.php

```php
<?php get_footer(); ?>
```
Includes the footer.php

```php
<?php comments_template(); ?>
```
Load specific template for comments

Useful Header Functions

```php
site_url()
```
Get WordPress site url

```php
wp_title()
```
Get page title

```php
bloginfo('name')
```
Get blog name

```php
bloginfo('description')
```
Get blog description

```php
get_stylesheet_directory_uri()
```
Get stylesheet directory URI

```php
bloginfo('atuom_url')
```
Get Atom feed URL

```php
bloginfo('rss2_url')
```
RSS 2.0 URL

The Loop

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

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

Specific Navigation Menu

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

Category Based Navigation

```php
<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

```php
<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 a new sidebar.

```php
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
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: "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