



ACTION HOOK - FILTER HOOK

Hooks

WordPress hooks are a feature that allows you to manipulate a procedure without modifying the file on WordPress core.

There are two types of hooks:

- action hook: allow you to add data or change how WordPress operates
- filter hook: give you the ability to change data during the execution of WordPress Core, plugins, and themes

Action_hook

Declare: `do_action('action_name')`

Call: `add_action(hookname, callback, priority, params)`

- `hookname`: the name of the action you're hooking to
- `callback`: the name of your callback function
- `priority`: the priority given to the callback function. Default is 10
- `params`: the number of arguments that will be passed to the callback function

<https://developer.wordpress.org/plugins/hooks/actions/>

init - Action hook

```
/**  
 * Fire on the initialization of WordPress.  
 */  
  
function the_dramatist_fire_on_wp_initialization() {  
    echo 'Fired on the WordPress initialization';  
}  
  
add_action( 'init', 'the_dramatist_fire_on_wp_initialization' );
```

<https://developer.wordpress.org/reference/hooks/init/>

More action hooks: https://codex.wordpress.org/Plugin_API/Action_Reference

Create a new Action hook

Example: Create new action hook to content.php of a specific theme

```
do_action('mytheme_content');
```

Write a function and hook it to the new action hook “mytheme_content” in functions.php file of a specific theme

```
function mytheme_new_content(){  
    echo “Welcome to WordPress CMS Subject”;  
}  
add_action('mytheme_content', 'mythem_new_content');
```

Filter_hook

Declare: `apply_filter('filter_name')`

Call: `add_filter('filter_name', function);`

- hookname: the name of the action you're hooking to
- callback: the name of your callback function
- priority: the priority given to the callback function. Default is 10
- params: the number of arguments that will be passed to the callback function

<https://developer.wordpress.org/plugins/hooks/filters/>

The title - Filter hooks

```
/**  
 * Fire on the post title.  
 */  
  
function wporg_filter_title( $title ) {  
    return 'The ' . $title . ' was filtered';  
}  
  
add_filter( 'the_title', 'wporg_filter_title' );
```

https://developer.wordpress.org/reference/hooks/the_title/

More filter hook: https://codex.wordpress.org/Plugin_API/Filter_Reference