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add_permastruct(string $name, string $struct, array $args = array())

Adds a permalink structure.

Description

See also

- WP_Rewrite::add_permastruct()

Parameters

$name string required

Name for permalink structure.

$struct string required

Permalink structure.

$args array optional

Arguments for building the rules from the permalink structure, see WP_Rewrite::add_permastruct() for full details.

Default: `array()`

Source

wp-includes/rewrite.php

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```php
function add_permastruct( $name, $struct, $args = array() ) {
    global $wp_rewrite;

    // Back-compat for the old parameters: $with_front and $ep_mask.
    if ( ! is_array( $args ) ) {
        $args = array( 'with_front' => $args );
    }

    if ( func_num_args() === 4 ) {
        $args['ep_mask'] = func_get_arg( 3 );
    }

    $wp_rewrite->add_permastruct( $name, $struct, $args );
```

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Related

Uses

[WP_Rewrite::add_permastruct()](#)
`wp-includes/class-wp-rewrite.php`

Used by

[WP_Taxonomy::add_rewrite_rules()](#)
`wp-includes/class-wp-taxonomy.php`

[WP_Post_Type::add_rewrite_rules()](#)
`wp-includes/class-wp-post-type.php`

Changelog

Version	Description
[3.0.0](#)	Introduced.

User Contributed Notes

Marcio Zebedeu5 years ago   ⌃ 0 ⌄

You can change rules to rewrite your type of posting as well as change your structure. Imagine that your permalink structure is like:

`/locations/%k7_locations%`

you can switch to

`/test/%message%`

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```
global $wp_rewrite;
$args = array(
    'with_front' => true,
    'ep_mask' => 3,
    'paged' => 1,
    'feed' => 1,
    'forcomments' => 0,
    'walk_dirs' => 1,
    'endpoints' => 1
);
add_permastruct( 'locations', 'test/%message/', $args);
```

output:

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```
Array
```

```
(
    [with_front] => 1
    [ep_mask] => 3
    [paged] => 1
    [feed] => 1
    [forcomments] => 0
    [walk_dirs] => 1
    [endpoints] => 1
    [struct] => /test/%message/%
)
```

Log in to add feedback

Philipp Stracker 3 years ago

⌃ 0 ⌄

To add a custom URL-/permalink-structure, this function must be called on every request (not only once). I usually do this in the 'init' hook.

However, the related function `flush_rewrite_rules()` should only be called when the permalink structure changes.

Sample:

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```
add_action( 'init', 'wpdocs_custom_permalink' );
function wpdocs_custom_permalinks() {
  // Register the permastruct and rewrite tag on every page load:
  add_permastruct( 'legal', 'legal/%my_slug%', [ 'ep_mask' => EP_PERMALINK ] );
  add_rewrite_tag( '%my_slug%', '([^/]+)', "post_type=page&name=" );

  // Only flush rewrite rules, if your permalink changed (e.g. on plugin activation):
  if ( $has_changed ) {
    flush_rewrite_rules();
  }
}
```

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