Filters and Actions in Tag Groups

Tag Groups: For Developers · https://publishpress.com/knowledge-base/filters-and-actions/

This is a guide to the filter hooks and action hooks of the Tag Groups plugin. If a feature is only in the Pro version of the plugin, the corresponding hooks will also be limited to the Pro version.

Actions

Hook into an action with add_action(). Example:

```
function group_is_gone_message( $group_id ) {
 echo "Group {$group_id} is gone!";
}
add_action( 'term_group_deleted', 'group_is_gone_message' );
```

Action name	Arguments of callback	Triggered when
term_group_saved	void	after information about (one or more) term groups was saved
term_group_deleted	integer: group ID	after a group has been deleted
groups_of_term_saved	integer: term ID integer or array of integers: tag group IDs	after a term's assignment to groups was saved

Filters

Hook into a filter with add_filter(). Examples:

```
function wrap_as_gift( $html ) {
 return "
" . $html . "
";
```

```
}
add_filter( 'tag_groups_post_terms', 'wrap_as_gift' );
```

```
function add_my_icon_to_accordion_tag( $html, $id, $font_size, $post_count, $shortcode ) {
 if ('tag_groups_accordion' != $shortcode) {
  return $html;
 }
 return $html . '';
}
add_filter( 'tag_groups_cloud_tag_append', 'add_my_icon_to_accordion_tag', 10, 5 );
```

View Filters

Filter the arguments or the final HTML of views (templates) that we use for pages or page fragments on the front and back end.

Filter name	Arguments of callback	Return data type of callback	Filters what
tag_groups_view-{$view_slug}	string: content (HTML)	string	filters a string that contains the HTML of a view before output. Find possible view_slugs in the code (in the `views` folders, use the following folder name, a dash and the part before `.view.php`; example for a filter name: `tag_groups_view-partials-admin_notice`)
tag_groups_premium_view-{$view_slug}	string: content (HTML)	string	see tag_groups_view-{$view_slug}; These are the views int the `/premium/views` folder.
tag_groups_view_atts	array: attributes string: slug, see tag_groups_view-{$view_slug}	array, must contain same fields and data types as the attributes	filters the attributes before they are being sent to the view

Filter name	Arguments of callback	Return data type of callback	Filters what
tag_groups_premium_view_atts	array: attributes string: slug, see tag_groups_view-{$view_slug}	array, must contain same fields and data types as the attributes	filters the attributes before they are being sent to the view (premium part)

Term Filters

Filter the terms that were retrieved from the database.

Filter name	Arguments of callback	Return data type of callback	Filters what
tag_groups_get_terms	WP_Term[]|int[]|string[]|string|WP_Error: the retrieved terms; The type depends on the fields parameter; your callback should also consider errors integer: group ID, if applicable string|string[]: taxonomies bool|int: Whether to hide terms with post count zero string: fields What to return. See WP's get_terms() int: post_id: This parameter is only relevant if the tags depend on the language of a post string: orderby string: order string: include string exclude integer: threshold	same as the first parameter (terms)	filters the terms (tags); please note that not all parameters are in use, depending on the purpose that these tags are used for (tag clouds, backend)

Group Filters

Here you can filter data about tag groups after loading from the database, or before saving it.

Filter name	Arguments of callback	Return data type of callback	Filters what
tag_groups_load_group_ids	array of integers	array (same as argument)	filters the group IDs after loading from the database
tag_groups_load_group_labels	array; keys are group IDs, values are the labels (names)	array (same as argument)	filters the group labels after loading from the database
tag_groups_load_group_positions	array: keys are group IDs, values are the positions (determining the order)	array (same as argument)	filters the group positions after loading from the database
tag_groups_save_group_ids	array of integers	array (same as argument)	filters the group IDs before saving to the database
tag_groups_save_group_labels	array; keys are group IDs, values are the labels (names)	array (same as argument)	filters the group labels before saving to the database
tag_groups_save_group_positions	array: keys are group IDs, values are the positions (determining the order)	array (same as argument)	filters the group positions before saving to the database

Filters for Tag Clouds

Filter name	Arguments of callback	Return data type of callback	Filters what

tag_groups_cloud_tag_inner	string: content integer: term ID string: shortcode identifier	string	filters all tag names in tag clouds
tag_groups_cloud_tag_outer	string: content (HTML) integer: term ID string: shortcode identifier	string	filters all tag names in tag clouds, including the wrapping element
tag_groups_cloud_tag_prepend	string: content (HTML) integer: term ID integer: font size integer: post count of this tag string: shortcode identifier	string	filters all HTML prepended to tags in tag clouds, including the element; if nothing is prepended, it filters an empty string so that you have the option to anyway prepend something

tag_groups_cloud_tag_append	string: content (HTML) integer: term ID integer: font size integer: post count of this tag string: shortcode identifier	string	filters all HTML appended to tags in tag clouds, including the element; if nothing is appended, it filters an empty string so that you have the option to anyway append something
tag_groups_cloud_html	string: content (HTML) string: shortcode identifier array: shortcode parameters	string	filters the complete HTML output of all tag clouds
tag_groups_tag_title	string: title string: shortcode name string: tag description integer: post count	string	filters the HTML title attribute of each tag that appears as tooltip on mouseover

tag_groups_custom_title	string: title string: shortcode name integer: post count	string	Filters the title attribute of a tag before replacing all placeholders

Filters for Live Post Filters

Filter name	Arguments of callback	Return data type of callback	Filters what
tag_groups_excerpt	object: WP_Post object	string	Use a callback function to create a custom excerpt for the placeholder {post_excerpt} in a post template in the Toggle Post Filter, Dynamic Post Filter or Post List. The function needs to take care of proper encoding and sanitation and it must make sure that HTML is self-consistent and that no tags remain open.
excerpt_length	integer	integer	Length of the excerpt in post templates
excerpt_more	string	string	Ellipse characters (...) if the excerpt is truncated
tag_groups_tpf_before_query	array: WP_Query arguments when searching for posts	array (valid arguments for WP_Query)	This callback filters the post query of the Toggle Post Filter just before posts are retrieved.

Filter name	Arguments of callback	Return data type of callback	Filters what
tag_groups_dpf_before_query	array: WP_Query arguments when searching for posts	array (valid arguments for WP_Query)	This callback filters the post query of the Dynamic Post Filter just before posts are retrieved.
tag_groups_before_placeholders	string: The HTML template object: WP_Post object (the currently processed post)	HTML for a post with optional placeholders	This callback filters the post template before starting to process the placeholders for a post. It is run for each post that is in the queue for output. This filter can be used to create own placeholders or change the post HTML depending on the post.

Post Tags (Under Posts)

Filter name	Arguments of callback	Return data type of callback	Filters what
tag_groups_post_terms	string: content (HTML)	string	filters a string containing the table of post tags, in TagGroups_Premium_Post_Terms::get_table()

Admin

Filter name	Arguments of callback	Return data type of callback	Filters what

tag_groups_allow_duplicate_group_names	boolean	boolean	whether it is allowed to add two groups with identical names; default is false if no parent groups are in use, otherwise true