Technical Details for PublishPress Statuses

Developer · https://publishpress.com/knowledge-base/technical-details-statuses/

This guide is a brief introduction to how the PublishPress Statuses plugin stores data. PublishPress Statuses uses a combination of the WordPress core and taxonomies.

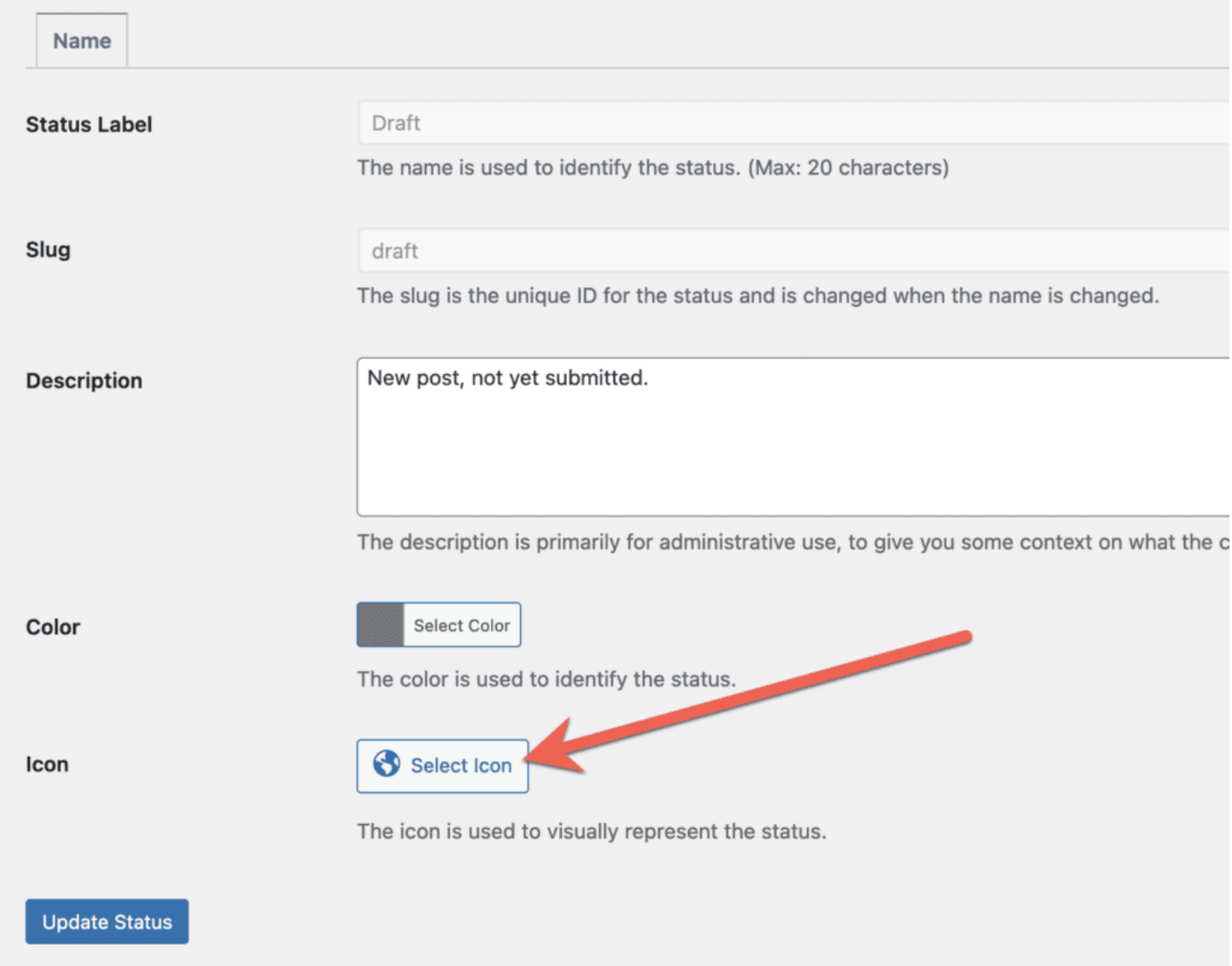
How Statuses are Created

The plugin uses five statuses that provided by the WordPress core. By default, these statuses only exist in the WordPress codebase and the PublishPress_Statuses.php file.

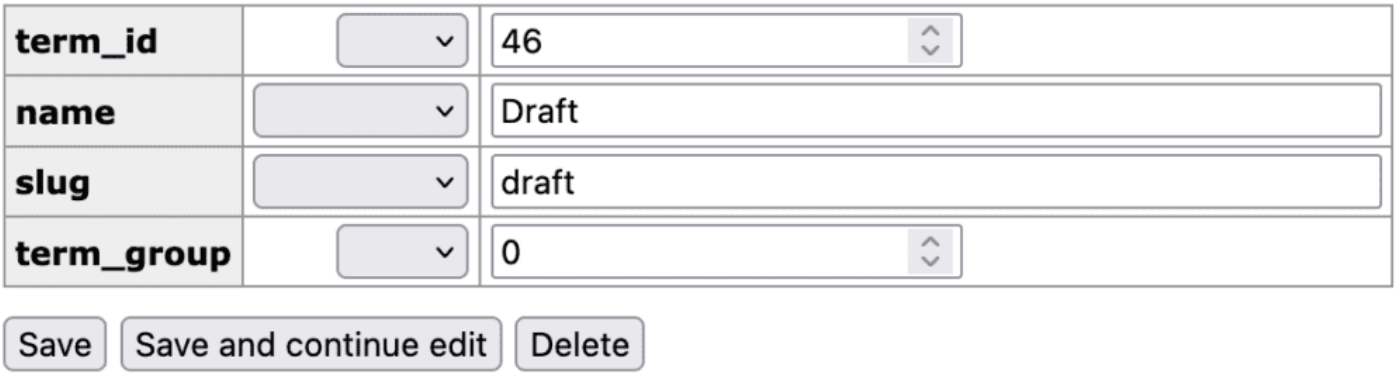
- draft (Draft)
- pending (Pending Review)
- future (Scheduled)
- publish (Published)
- private (Privately Published)

If you use PublishPress Statuses to edit a status, then they will be added to the _terms table as taxonomy terms. If you're not familiar with how taxonomy works in WordPress, read this guide to how taxonomy data is stored.

In this example, I will add a new icon to the "Draft" statuses, using the settings in PublishPress Statuses:



After that change has been saved, you will see "Draft" as an entry in the _terms table, as in this screenshot below:



How Statuses are Stored

The PublishPress Statuses plugin uses up to three different taxonomies to store the custom statuses.

- **post_status** is the taxonomy for pre-publication statuses.
- **post_visibility_pp** is the taxonomy for visibility statuses.
- **post_status_core_wp_pp** is the taxonomy for core WordPress statuses.

In general, terms are created in those taxonomies only under these two conditions:

1. A new status is defined by the user.
2. A status has one or more of its properties modified.

The statuses which the plugin makes available by default are fundamentally defined by the PublishPress_Statuses.php file, not by an entry in the _options database table. Status ordering does use option table storage, if the order is modified or a new status added.

The data such as icon and color for each status is saved in the _termmeta table:

☐ edit	12	47	color	#9b9b9b
☐ edit	13	47	icon	dashicons-admin-plugins
☐ edit	14	47	labels	O:8:"stdClass":2:{s:7:"save_as";s:16:"Save as Deferred";s:7:"publish";s:5:"Defer";}
☐ edit	15	47	post_type	a:0:{}