

THE FUNCTION AND RELATIONSHIP OF WORDPRESS' DATABASE TABLE

The function of each table

As we have established the structure graph of Wordpress Blog System, now comes the explanation of its design. The eleven tables and their relationships can be categorized as the entities and relations below.

`wp_commentmeta` Stores all the comment features information.

`wp_comments` Stores all the comments within WordPress. Its primary key is "comment_ID".

`wp_links` Holds information related to the links entered into the Links feature of WordPress.

`wp_options` The Options set under the Administration Settings panel are stored in the `wp_options` table. Its primary key is "option_ID".

`wp_postmeta` Stores all the post features information.

`wp_posts` Stores all the posts, pages and navigation menu items within WordPress. Its primary key is "ID".

`wp_terms` The categories for both posts and links and the tags for posts are stored within the `wp_terms` table. Its primary key is "term_ID".

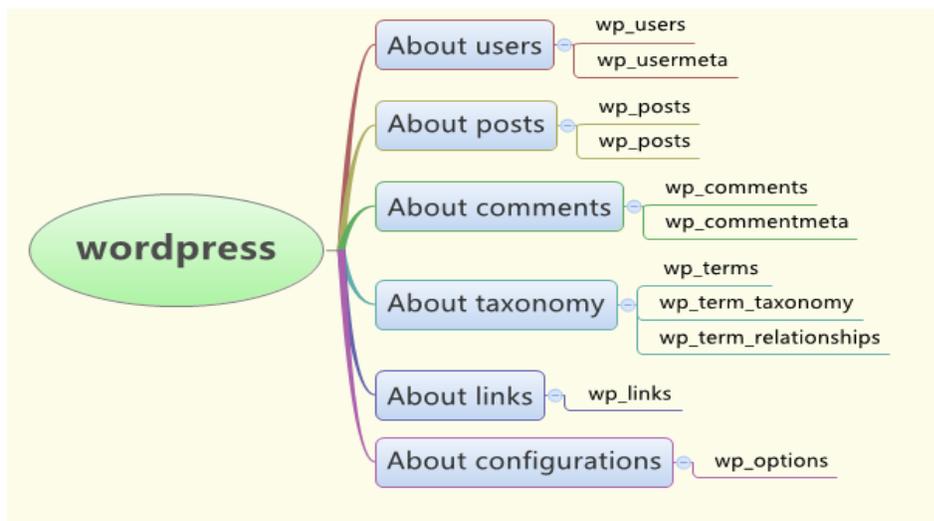
wp_term_relationships The association between posts and categories, tags are maintained in the table.

This table describes the taxonomy (category, link, or tag) for the entries in the wp_terms table. Its primary key is "object_ID"

wp_term_taxonomy Stores all the user features information.

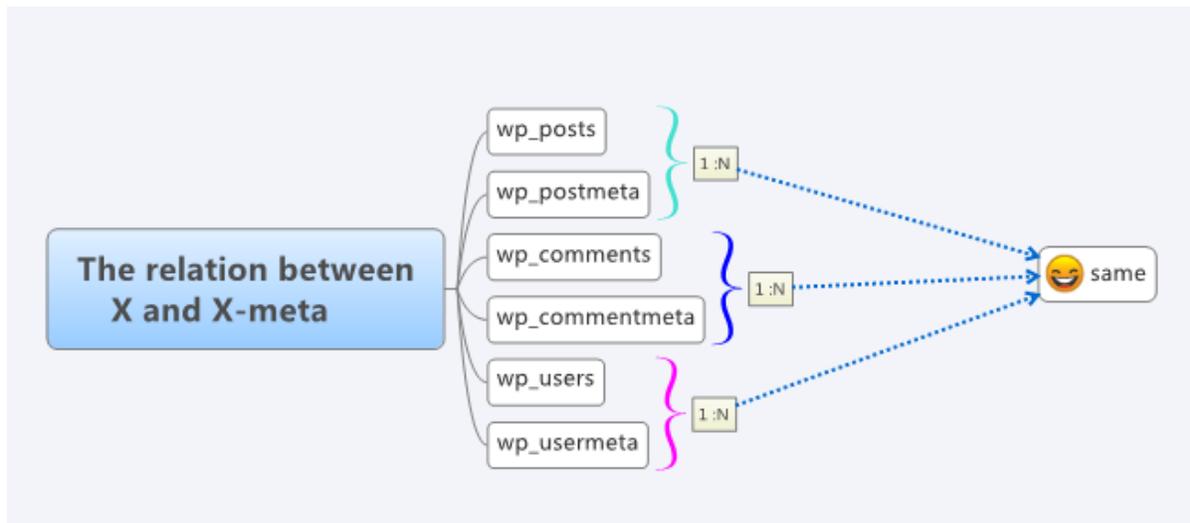
The list of users is maintained in table wp_users. Its primary key is "ID".

Model Explanation



The relation between X and X-meta

There are three pairs of wp_X and wp_X-meta tables in the WordPress database: wp_posts and wp_postmeta, wp_comments and wp_commentmeta, wp_users and wp_usermeta. Their relationships are almost the same.



The three tables without a suffix "meta" stores the basic information of users, comments and posts.

While the three tables with a "meta" suffix contains all the supplement information.

Therefore, the relationship between wp_X and wp_X-meta is an 1 : N relationship, for each user, post or comment can have many detailed information which cannot be categorized in the predefined attributes.

There are still many relationships among the table of wordpress's database.

Source: <http://toyhouse.cc/profiles/blogs/the-function-and-relationship-of-wordpress-database-table>