xProfile database tables

- {$table_prefix}bp_xprofile_groups
- {$table_prefix}bp_xprofile_fields
- {$table_prefix}bp_xprofile_data
- {$table_prefix}bp_xprofile_meta

When first activated, the xProfile component creates 4 tables to store xProfile information about your members. The first one is storing groups of profile fields data (`{$table_prefix}bp_xprofile_groups`), the second one is about managing profile fields data (`{$table_prefix}bp_xprofile_fields`) that is relative to profile field groups. The third table is dealing with user information for the created profile fields (`{$table_prefix}bp_xprofile_data`) and the fourth one is used to store meta data about profile groups, fields and data (`{$table_prefix}bp_xprofile_meta`).

> The `{$table_prefix}` value is `wp_` by default but it can be customized within the WordPress wp-config.php file.

`{$table_prefix}bp_xprofile_groups`

This table stores groups of profile fields data.

Name	Type	Description
`id`	`BIGINT`	Unique ID for the profile fields group.
`name`	`VARCHAR`	Name of the profile fields group.
`description`	`MEDIUMTEXT`	Description of the profile fields group.
`group_order`	`BIGINT`	Informs about the display order of profile fields group inside a loop.
`can_delete`	`TINYINT`	Whether the profile fields group can be deleted or not[^1].

{$table_prefix}bp_xprofile_fields

This table stores profile fields data.

Name	Type	Description
id	BIGINT	Unique field ID.
group_id	BIGINT	ID of the profile fields group the field belongs to.
parent_id	BIGINT	Parent field ID (for hierarchical fields).
type	VARCHAR	The type of field (e.g.: text, checkbox, select).
name	VARCHAR	The name of the field.
description	LONGTEXT	Description of the field.
is_required	TINYINT	Whether the field is required.
is_default_option	TINYINT	Whether this is the default option (in case of multiple choice parent field).
field_order	BIGINT	Informs about the display order of the field inside a profile fields group.
option_order	BIGINT	Informs about the display order of the field inside a multiple choice parent field.
order_by	VARCHAR	The sorting method for the field.
can_delete	TINYINT	Whether the profile fields can be deleted or not[^2].

{$table_prefix}bp_xprofile_data

This table is dealing with user information for the created profile fields.

Name	Type	Description
id	BIGINT	Unique profile data ID.
field_id	BIGINT	ID of the profile field, user data is attached to.
user_id	BIGINT	ID of the user, data belongs to
value	LONGTEXT	Value of the profile field for the user.

Name	Type	Description
`last_updated`	`DATETIME`	When the field data was updated for the last time.

{$table_prefix}bp_xprofile_meta

This table is used to store meta data about profile groups, fields and data.

Name	Type	Description
`id`	`BIGINT`	Unique meta ID.
`object_id`	`BIGINT`	ID of the profile group, field or data entry, the meta data relates to.
`object_type`	`VARCHAR`	Type of object: 'group', 'field', or 'data'.
`meta_key`	`VARCHAR`	Metadata key.
`meta_value`	`LONGTEXT`	Metadata value[^3].

[^1]: for instance the "base" default BuddyPress profile fields group cannot be deleted. [^2]: for instance the "name" default BuddyPress profile field cannot be deleted. [^3]: Arrays or Objects are stored as serialized data.

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