Tricks & Forms

1.3

Generated by Doxygen 1.8.7

Sat Aug 9 2014 17:45:36

Contents

1 Introduction **1**

1.1 Custom Fields . . . 1

1.2 Custom Forms . . . 1

2 File Index **3**

2.1 File List . . . 3

3 File Documentation **5**

3.1 custom-fields.php File Reference . . . 5

3.1.1 Function Documentation . . . 6

3.1.1.1 tf_show_action_button . . . 6

3.1.1.2 tf_show_alternative_field . . . 6

3.1.1.3 tf_show_checkbox_field . . . 6

3.1.1.4 tf_show_color_field . . . 6

3.1.1.5 tf_show_file_field . . . 7

3.1.1.6 tf_show_hidden_field . . . 7

3.1.1.7 tf_show_image_field . . . 7

3.1.1.8 tf_show_multi_check_field . . . 8

3.1.1.9 tf_show_multi_select_field . . . 8

3.1.1.10 tf_show_number_field . . . 8

3.1.1.11 tf_show_range_field . . . 9

3.1.1.12 tf_show_reset_field . . . 9

3.1.1.13 tf_show_select_field . . . 9

3.1.1.14 tf_show_submit_field . . . 10

3.1.1.15 tf_show_text_field . . . 10

3.1.1.16 tf_show_time_field . . . 10

3.2 functions.php File Reference . . . 11

3.2.1 Function Documentation . . . 12

3.2.1.1 tf_add_custom_field . . . 12

3.2.1.2 tf_column_span . . . 12

3.2.1.3 tf_get_array . . . 12

3.2.1.4 tf_get_boolean . . . 12

3.2.1.5 tf_get_form_value . . . 13
3.2.1.6 tf_get_meta_data . . . 13
3.2.1.7 tf_get_number . . . 13
3.2.1.8 tf_get_relationship_items . . . 13
3.2.1.9 tf_init_styles . . . 14
3.2.1.10 tf_min_max_and_step . . . 14
3.2.1.11 tf_readonly_or_required . . . 14
3.2.1.12 tf_save_custom_field . . . 14
3.2.1.13 tf_show_custom_field . . . 15
3.2.1.14 tf_show_field_description . . . 15
3.2.1.15 tf_show_field_label . . . 15
3.2.1.16 tf_show_field_wrap . . . 16
3.2.2 Variable Documentation . . . 16
3.2.2.1 $custom_field . . . 16
3.2.2.2 $tf_custom_fields . . . 17
3.3 tricks-forms.php File Reference . . . 17
3.3.1 Function Documentation . . . 18
3.3.1.1 tf_add_custom_box . . . 18
3.3.1.2 tf_add_options_screen . . . 18
3.3.1.3 tf_add_profile_box . . . 18
3.3.1.4 tf_custom_boxes_function . . . 18
3.3.1.5 tf_inherit_type . . . 19
3.3.1.6 tf_init_custom_options . . . 19
3.3.1.7 tf_save_custom_data . . . 19
3.3.1.8 tf_save_profile_data . . . 19
3.3.1.9 tf_show_custom_box . . . 19
3.3.1.10 tf_show_custom_form . . . 20
3.3.1.11 tf_show_option_field . . . 20
3.3.1.12 tf_show_options_screen . . . 20
3.3.1.13 tf_show_profile_boxes . . . 21
3.3.2 Variable Documentation . . . 22
3.3.2.1 $custom_form . . . 22
3.3.2.2 $tf_custom_boxes . . . 22
3.3.2.3 $tf_custom_options . . . 23
3.3.2.4 $tf_profile_boxes . . . 23

Chapter 1

Introduction

Tricks & Forms is a custom posts, profiles and options fields and custom forms setting up tool. It doesn't have a user interface, but a programming interface instead, id est, a PHP variables and functions set. I hope you find it useful.

1.1 Custom Fields

Fields are logic and graphic structures responsible for saving and showing attributes' values. Without T&F you would have to code each single field and link it with Wordpress' entities. But with T&F you can set each field up like this:

```
$multi_select=array(
    'id' => 'multi_selectX',
    'text' => 'Multi Select X',
    'type' => 'multi_select',
    'purpose' => 'taxonomy',
    'options' => 'category',
    'description' => 'This is a multi select field.',
    'span' => 1/4,
);
```

See also

$custom_field.

You can still code your own fields and use them within T&F functions, since you register them like this:

```
function tf_show_checkbox_field //your code

function tf_get_boolean //your code

tf_add_custom_field('checkbox', 'tf_show_checkbox_field', 'tf_get_boolean');
```

See also

tf_show_custom_field(), tf_save_custom_field(), tf_add_custom_field().

1.2 Custom Forms

You could use these fields anywhere and anyhow, but T&F's real power is the form setting functions, which control showing, linking and saving fields' values. You can use them to set custom forms (`tf_show_custom_form`), custom posts and users metaboxes (`tf_add_custom_box` and `tf_add_profile_box`) and custom options screens (`tf_add_options_screen`).

See also

tf_show_custom_form(), tf_add_custom_box(), tf_add_profile_box(), tf_add_options_screen().

Should this explanation be not enough, check some examples on examples.php file and the following documentation. Feel free to contact me at alfredo.dot.barbosa@gmail.com.

Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

custom-fields.php 5
functions.php 11
tricks-forms.php 17

Chapter 3

File Documentation

3.1 custom-fields.php File Reference

Functions

- tf_show_hidden_field ($field, $value=null)

  Show (not exactly) a hidden field.
- tf_show_checkbox_field ($field, $value=false)

  Show a checkbox field.
- tf_show_multi_check_field ($field, $options=array())

  Show a checkbox group.
- tf_show_alternative_field ($field, $option=null)

  Show an alternative field.
- tf_show_text_field ($field, $value='')

  Show a text field.
- tf_show_range_field ($field, $value=0)

  Show an analogic range field.
- tf_show_number_field ($field, $value=0)

  Show a number field.
- tf_show_color_field ($field, $value='#000')

  Show a color picker.
- tf_show_time_field ($field, $value=null)

  Show a time, week, month, date or any specific time field.
- tf_show_file_field ($field, $value=null)

  Show a file field.
- tf_show_select_field ($field, $option=null)

  Show a generic option list field.
- tf_show_multi_select_field ($field, $options=array())

  Show a multiple options list field.
- tf_show_reset_field ($field=null)

  Show a reset field for a custom form.
- tf_show_action_button ($field)

  Show an action button.
- tf_show_submit_field ($field=null)

  Show a submit field for a custom form.
- tf_show_image_field ($field, $value=null)

  Show a image-URL input field.

3.1.1 Function Documentation

3.1.1.1 tf_show_action_button (*$field*)

Show an action button.

Parameters

array	*$field*	Array of field options.

Since

1.1

See also

$custom_field.

3.1.1.2 tf_show_alternative_field (*$field*, *$option* = `null`)

Show an alternative field.

Parameters

array	*$field*	Array of field options.
optional_↩ string	*$options*	Checked option.

Since

1.1

See also

$custom_field.

3.1.1.3 tf_show_checkbox_field (*$field*, *$value* = `false`)

Show a checkbox field.

Parameters

array	*$field*	Array of field options.
optional_↩ boolean	*$value*	A boolean value.

Since

1.1

See also

$custom_field.

3.1.1.4 tf_show_color_field (*$field*, *$value* = `'#000'`)

Show a color picker.

Parameters

array	*$field*	Array of field options.
string	*$value*	Like #XXX or #XXXXXX.

Since

1.1

See also

$custom_field.

3.1.1.5 tf_show_file_field (*$field*, *$value* = `null`)

Show a file field.

Parameters

array	*$field*	Array of field options.

Since

1.1

See also

$custom_field.

3.1.1.6 tf_show_hidden_field (*$field*, *$value* = `null`)

Show (not exactly) a hidden field.

Parameters

array	*$field*	Array of field options.
optional_↩ mixed	*$value,.*	

Since

1.1

See also

$custom_field.

3.1.1.7 tf_show_image_field (*$field*, *$value* = `null`)

Show a image-URL input field.

Parameters

array	*$field*	Array of field options. If **value** is set, it shows a button for viewing the image.
optional_↩ string	*$value*	Image URL.

Since

1.3

See also

$custom_field.

3.1.1.8 tf_show_multi_check_field (*$field*, *$options* = `array()`)

Show a checkbox group.

Parameters

array	*$field*	Array of field options.
optional_↩ array	*$options*	Array of options.

Since

1.1

See also

$custom_field.

3.1.1.9 tf_show_multi_select_field (*$field*, *$options* = `array()`)

Show a multiple options list field.

Parameters

array	*$field*	Array of field options.
optional_↩ array	*$options*	Array of options.

Since

1.1

See also

$custom_field.

3.1.1.10 tf_show_number_field (*$field*, *$value* = `0`)

Show a number field.

Parameters

array	*$field*	Array of field options.
optional_↩ numeric	*$value*	A numeric value.

Since

1.1

See also

$custom_field.

3.1.1.11 tf_show_range_field (*$field*, *$value* = `0`)

Show an analogic range field.

Parameters

array	*$field*	Array of field options.
optional_↩ numeric	*$value*	A numeric value.

Since

1.1

See also

$custom_field.

3.1.1.12 tf_show_reset_field (*$field* = `null`)

Show a reset field for a custom form.

Parameters

optional_↩ array	*$field*	Array of field options.

Since

1.2

See also

$custom_field.

3.1.1.13 tf_show_select_field (*$field*, *$option* = `null`)

Show a generic option list field.

Parameters

array	*$field*	Array of field options.
optional_↩ mixed	*$option*	A reference for the field value.

Since

1.1

See also

$custom_field.

3.1.1.14 tf_show_submit_field (*$field* = `null`)

Show a submit field for a custom form.

Parameters

optional_↩ array	*$field*	Array of field options.

Since

1.2

See also

$custom_field.

3.1.1.15 tf_show_text_field (*$field*, *$value* = '')

Show a text field.

Parameters

array	*$field*	Array of field options.
optional_↩ string	*$value*	A text value.

Since

1.1

See also

$custom_field.

3.1.1.16 tf_show_time_field (*$field*, *$value* = `null`)

Show a time, week, month, date or any specific time field.

Parameters

array	*$field*	Array of field options.
mixed	*$value*	A specific time value.

Since

1.1

See also

$custom_field.

3.2 functions.php File Reference

Functions

- tf_init_styles ()

  Enqueue default styles anywhere you want.
- tf_show_custom_field ($field, $value=null)

  Show a custom field without label or description.
- tf_save_custom_field ($type, $value)

  Sanitizes a field value.
- tf_add_custom_field ($type, $show, $save=null)

  Add a custom field, overriding previous ones.
- tf_show_field_label ($field)

  If text is set, show the field label.
- tf_show_field_description ($field)

  If it's set, show the field description.
- tf_column_span ($field)

  If used inside tf_show_field_wrap(), which is usually used inside block elements, it'll force a table like structure.
- tf_show_field_wrap ($field, $value=null)

  Show a label, an input-output element and a description, within a div.
- tf_readonly_or_required ($field)

  If used inside a field show function, set it to readonly or required accordingly to $field.
- tf_min_max_and_step ($field)

  If used inside a field show function, set min, max and step attributes accordingly $field.
- tf_get_boolean ($value)

  Get true or false.
- tf_get_number ($value)

  If $value is numeric, return it; otherwise, return zero.
- tf_get_array ($value)

  Ensure $value is an array.
- tf_get_form_value ($id, $method='post')

  Get a form value.
- tf_get_relationship_items ($options, $type='taxonomy')

  Get all items of $type.
- tf_get_meta_data ($id, $type='post')

  Get all default and custom meta data.

Variables

- $custom_field
- $tf_custom_fields =array()

  An array of custom fields.

3.2.1 Function Documentation

3.2.1.1 tf_add_custom_field (*$type, $show, $save* = `null`)

Add a custom field, overriding previous ones.

Parameters

string	*$type*	Key to custom **show** and **save** methods.
callback	*$show*	Function to show the field.
optional_↩ callback	*$save*	Function to sanitize the value.

Since

1.1

See also

$tf_custom_fields.

3.2.1.2 tf_column_span (*$field*)

If used inside tf_show_field_wrap(), which is usually used inside block elements, it'll force a table like structure.

Parameters

array	*$field*	Checking for **span**.

Since

1.1

See also

$custom_field.

3.2.1.3 tf_get_array (*$value*)

Ensure $value is an array.

Returns

If $value is an array, return it; otherwise, return an array containing $value.

Since

1.2

3.2.1.4 tf_get_boolean (*$value*)

Get true or false.

Parameters

boolean	*$value,.*	

Since

1.2

3.2.1.5 tf_get_form_value (*$id, $method = 'post'*)

Get a form value.

Parameters

string	*$id*	The key.
optional_↩ string	*$method*	Like **get** or **post**.

Returns

The value.

Since

1.1

3.2.1.6 tf_get_meta_data (*$id, $type = 'post'*)

Get all default and custom meta data.

Parameters

string	*$id*	Object ID.
string	*$type*	Like **user** or **post** (default).

Returns

An array which keys are meta keys and values are meta data.

Since

1.1

3.2.1.7 tf_get_number (*$value*)

If $value is numeric, return it; otherwise, return zero.

Returns

A numeric value.

Since

1.2

3.2.1.8 tf_get_relationship_items (*$options, $type = 'taxonomy'*)

Get all items of $type.

Parameters

string	*$options*	A default or custom type.
optional_↩ string	*$type*	Like **taxonomy** (default) or **post**.

Returns

An array which keys are terms or posts IDs and values are terms or posts names or titles respectively.

Since

1.2

3.2.1.9 tf_init_styles ( )

Enqueue default styles anywhere you want.

Since

1.2

3.2.1.10 tf_min_max_and_step (*$field*)

If used inside a field show function, set min, max and step attributes accordingly $field.

Parameters

array	*$field*	Checking for **min**, **max** and **step**.

Since

1.1

See also

$custom_field.

3.2.1.11 tf_readonly_or_required (*$field*)

If used inside a field show function, set it to readonly or required accordingly to $field.

Parameters

array	*$field*	Checking for **readonly** and **required**.

Since

1.1

See also

$custom_field.

3.2.1.12 tf_save_custom_field (*$type, $value*)

Sanitizes a field value.

Parameters

string	*$type*	Must match a $custom_fields element key.
mixed	*$value*	Value to be sanitized.

Returns

The sanitized value.

Since

1.1

See also

$tf_custom_fields.

3.2.1.13 tf_show_custom_field (*$field*, *$value* = `null`)

Show a custom field without label or description.

Parameters

array	*$field*	An array of custom field options.
optional_↩ mixed	*$value*	If set, the field value.

Since

1.1

See also

$custom_field, $tf_custom_fields.

3.2.1.14 tf_show_field_description (*$field*)

If it's set, show the field description.

Parameters

array	*$field*	Checking for **description**.

Since

1.1

See also

$custom_field.

3.2.1.15 tf_show_field_label (*$field*)

If text is set, show the field label.

Parameters

array	*$field*	Checking for **id** and **text**.

Since

1.1

See also

$custom_field.

3.2.1.16 tf_show_field_wrap (*$field*, *$value* = `null`)

Show a label, an input-output element and a description, within a div.

Parameters

array	*$field,.*	
optional_↩ mixed	*$value,.*	

Since

1.1

See also

$custom_field, tf_show_field_label(), tf_show_custom_field(), tf_show_field_description(), tf_column_span().

3.2.2 Variable Documentation

3.2.2.1 array $custom_field

Each custom field is an array with the following elements:

- string **id** CSS and PHP ID.
- string **text** Text used in the field label.
- string **type** Attribute and field type in: **hidden**, **checkbox**, **multi_check**, **alternative**, **text**, **range**, **number**, **color**, **time**, **file**, **select**, **multi_select**, **reset**, **action**, **submit** and **image**.
- optional boolean **readonly** & **required** Set it to **true** for the field to be **readonly** and **required** respectively.
- optional numeric **min**, **max** & **step** Used on numeric fields to set **min**, **max** & **step** values respectively.
- string **purpose** Its meaning is relative to the field **type:**
  - If **type** is **text**, **purpose** is the field type: **email**, **url**, **password**, **search** or **text** (default).
  - If **type** is **time**, **purpose** is the field type: **week**, **month**, **date** or **time** (default).
  - If **type** is **file**, **purpose** is the expected file extension.
  - If **type** is **multi_check**, **alternative**, **select** or multi_select, **purpose** is whether the options type is **taxonomy** or **post**.
  - If **type** is **submit**, **purpose** is the image URL (optional).
- array **options** An array of options, whereof the keys are their values and the elements are their texts.
- optional mixed **value** Used on some fields as default values or button texts.
- optional string **description** Text used in the field description.
- optional numeric **span** Field's relative width, like 1/2, 3/4, etc.

3.2.2.2 array $tf_custom_fields =array()

An array of custom fields.

Each custom field is an array, which keys are the field types and elements are:

- **show** Function to show the field.
- **save** Function to sanitize the value.

Since

1.1

3.3 tricks-forms.php File Reference

Functions

- tf_show_custom_form ($form)
  Show a custom form detailed by $form.
- tf_add_custom_box ($custom_box)
  Add a custom post meta box.
- tf_inherit_type ($derivate, $box, $base=null)
  Add some or all fields from $base to $derivate type.
- tf_show_custom_box ($post, $fields)
  Show an array of fields in a custom box.
- tf_custom_boxes_function ()
  Init all custom meta boxes.
- tf_save_custom_data ($post_id)
  Save all custom field values.
- tf_add_profile_box ($profile_box)
  Add a custom profile data box.
- tf_show_profile_boxes ($user)
  Show all custom profile data.
- tf_save_profile_data ($user_id)
  Save all custom profile data.
- tf_add_options_screen ($options_screen)
  Add a custom options screen.
- tf_show_option_field ($field)
  Show a custom field in an options screen.
- tf_show_options_screen ($options_screen)
  A default options screen callback function.
- tf_init_custom_options ()
  Init a whole options set or menu.

Variables

- $custom_form
- $tf_custom_boxes =array()
  Array of custom meta boxes.
- $tf_profile_boxes =array()
  Array of custom profile data.
- $tf_custom_options =array()

3.3.1 Function Documentation

3.3.1.1 tf_add_custom_box (*$custom_box*)

Add a custom post meta box.

Parameters

array	*$custom_box*	Custom post meta box to be added.

Since

1.1

See also

$tf_custom_boxes.

3.3.1.2 tf_add_options_screen (*$options_screen*)

Add a custom options screen.

Parameters

array	A whole options screen.

Since

1.1

See also

$tf_custom_options.

3.3.1.3 tf_add_profile_box (*$profile_box*)

Add a custom profile data box.

Parameters

array	*$profile_box*	Array of custom profile data.

Since

1.1

See also

$tf_profile_boxes.

3.3.1.4 tf_custom_boxes_function ( )

Init all custom meta boxes.

Since

1.1

See also

$tf_custom_boxes, tf_show_custom_box().

3.3.1.5 tf_inherit_type (*$derivate, $box, $base* = `null`)

Add some or all fields from $base to $derivate type.

Parameters

string	*$derivate*	Derivate type, which you want to inherit from $base.
	string	or array $box Box or boxes you want $derivate to inherit.
optional_↩ string	*$base*	Base type, which you want $derivate to inherit from.

Since

1.2

3.3.1.6 tf_init_custom_options ( )

Init a whole options set or menu.

Since

1.1

3.3.1.7 tf_save_custom_data (*$post_id*)

Save all custom field values.

Parameters

string	*$post_id*	ID of the post to be saved.

Since

1.1

See also

$tf_custom_boxes, tf_save_custom_field().

3.3.1.8 tf_save_profile_data (*$user_id*)

Save all custom profile data.

Parameters

string	*$user_id*	The user to be saved.

Since

1.1

See also

$tf_profile_boxes, tf_save_custom_field().

3.3.1.9 tf_show_custom_box (*$post, $fields*)

Show an array of fields in a custom box.

Parameters

object	*$post*	Used to get field values.
array	*$fields*	Array of custom fields.

Since

1.1

See also

tf_show_field_wrap().

3.3.1.10 tf_show_custom_form (*$form*)

Show a custom form detailed by $form.

Parameters

array	*$form*	Array of forms fields and other options.

Since

1.2

See also

$custom_form, tf_show_field_wrap().

3.3.1.11 tf_show_option_field (*$field*)

Show a custom field in an options screen.

Since

1.1

See also

tf_show_custom_field(), tf_show_field_description().

3.3.1.12 tf_show_options_screen (*$options_screen*)

A default options screen callback function.

Parameters

array	*$options_screen*	The options screen to be shown.

Returns

A default options screen callback function.

Since

1.1

See also

$tf_custom_options.

3.3.1.13 tf_show_profile_boxes (*$user*)

Show all custom profile data.

Parameters

object	*$user*	Used to get field values.

Since

1.1

See also

$tf_profile_boxes, tf_show_field_wrap().

3.3.2 Variable Documentation

3.3.2.1 array $custom_form

Plugin Name: Tricks & Forms Description: Custom posts, profiles and options fields and custom forms. Tags: custom fields, custom forms, custom profile, custom options. Version: 1.3 Author: Alfredo Barbosa Author URI: br.linkedin.com/pub/alfredo-barbosa/90/866/a9a/

Each custom form is an array with the following elements:

- string **id** CSS ID.
- string **title** If set, show a heading.
- string **type** Form method, like **get** or **post** (default).
- string **purpose** Submiting URL.
- array **fields** Array of fields.

See also

$custom_field.

3.3.2.2 array $tf_custom_boxes =array()

Array of custom meta boxes.

Each custom box is an array with the following elements:

- string **id** and **title** Same as $custom_form.
- string or array **type** Post type or array of post types.
- string **context** and **priority** Box **context** and attributes. http://codex.wordpress.org/Function_Reference/add_meta_box
- array **fields** Same as $custom_form.

Since

1.1

See also

$custom_field, $custom_form.

3.3.2.3 $tf_custom_options =array()

3.3.2.4 array $tf_profile_boxes =array()

Array of custom profile data.

Each profile box is an array with the following elements:

- string **id** and **title** Same as $custom_form.
- optional string **type** Permission users need to have this profile data. http://codex.wordpress.org/Roles_and_Capabilities
- array **fields** Same as $custom_form.

Since

1.1

See also

$custom_field, $custom_form.