Using Settings API

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Adding Settings

You must define a new setting using `register_setting()`, it will create an entry in the `{$wpdb->prefix}_options` table.

You can add new sections on existing pages using `add_settings_section()`.

You can add new fields to existing sections using `add_settings_field()`.

[alert]`register_setting()` as well as the mentioned `add_settings_*()` functions should all be added to the `admin_init` action hook.[/alert]

Add a Setting

```
register_setting(
  string $option_group,
  string $option_name,
  callable $sanitize_callback = ''
);
```

Please refer to the Function Reference about `register_setting()` for full explanation about the used parameters.

Add a Section

```
add_settings_section(
  string $id,
  string $title,
  callable $callback,
  string $page
);
```

Sections are the groups of settings you see on WordPress settings pages with a shared heading. In your plugin you can add new sections to existing settings pages rather than creating a whole new page. This makes your plugin simpler to maintain and creates fewer new pages for users to learn.

Please refer to the Function Reference about `add_settings_section()` for full explanation about the used parameters.

Add a Field

```
add_settings_field(
  string $id,
  string $title,
  callable $callback,
  string $page,
  string $section = 'default',
  array $args = []
);
```

Please refer to the Function Reference about `add_settings_field()` for full explanation about the used parameters.

Example

```
function wporg_settings_init() {
  // register a new setting for "reading" page
  register_setting('reading', 'wporg_setting_name');

  // register a new section in the "reading" page
  add_settings_section(
```

```
    'wporg_settings_section',
    'WPOrg Settings Section', 'wporg_settings_section_callback',
    'reading'
  );

  // register a new field in the "wporg_settings_section" section, inside the "reading" page
  add_settings_field(
    'wporg_settings_field',
    'WPOrg Setting', 'wporg_settings_field_callback',
    'reading',
    'wporg_settings_section'
  );
}

/**
 * register wporg_settings_init to the admin_init action hook
 */
add_action('admin_init', 'wporg_settings_init');

/**
 * callback functions
 */

// section content cb
function wporg_settings_section_callback() {
  echo '<p>WPOrg Section Introduction.</p>';
}

// field content cb
function wporg_settings_field_callback() {
  // get the value of the setting we've registered with register_setting()
  $setting = get_option('wporg_setting_name');
  // output the field
  ?>
  <input type="text" name="wporg_setting_name" value="<?php echo isset( $setting ) ? esc_attr(
$setting ) : ''; ?>">
  <?php
}
```

Getting Settings

```
get_option(
  string $option,
  mixed $default = false
);
```

Getting settings is accomplished with the `get_option()` function.

The function accepts two parameters: the name of the option and an optional default value for that option.

Example

```
// Get the value of the setting we've registered with register_setting()
$setting = get_option('wporg_setting_name');
```

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