The WordPress Customizer

Customizer? I barely know ‘er!

Exploring the Theme Customization API

The Theme Customization API

- Since 3.4
- Create settings and controls
- Live preview
- Core features moving to the customizer

The Theme Customization API

Criticisms

- “Interface too Cramped!”
- “Customizer not mature enough!”
- “Should be for styles, not content!”

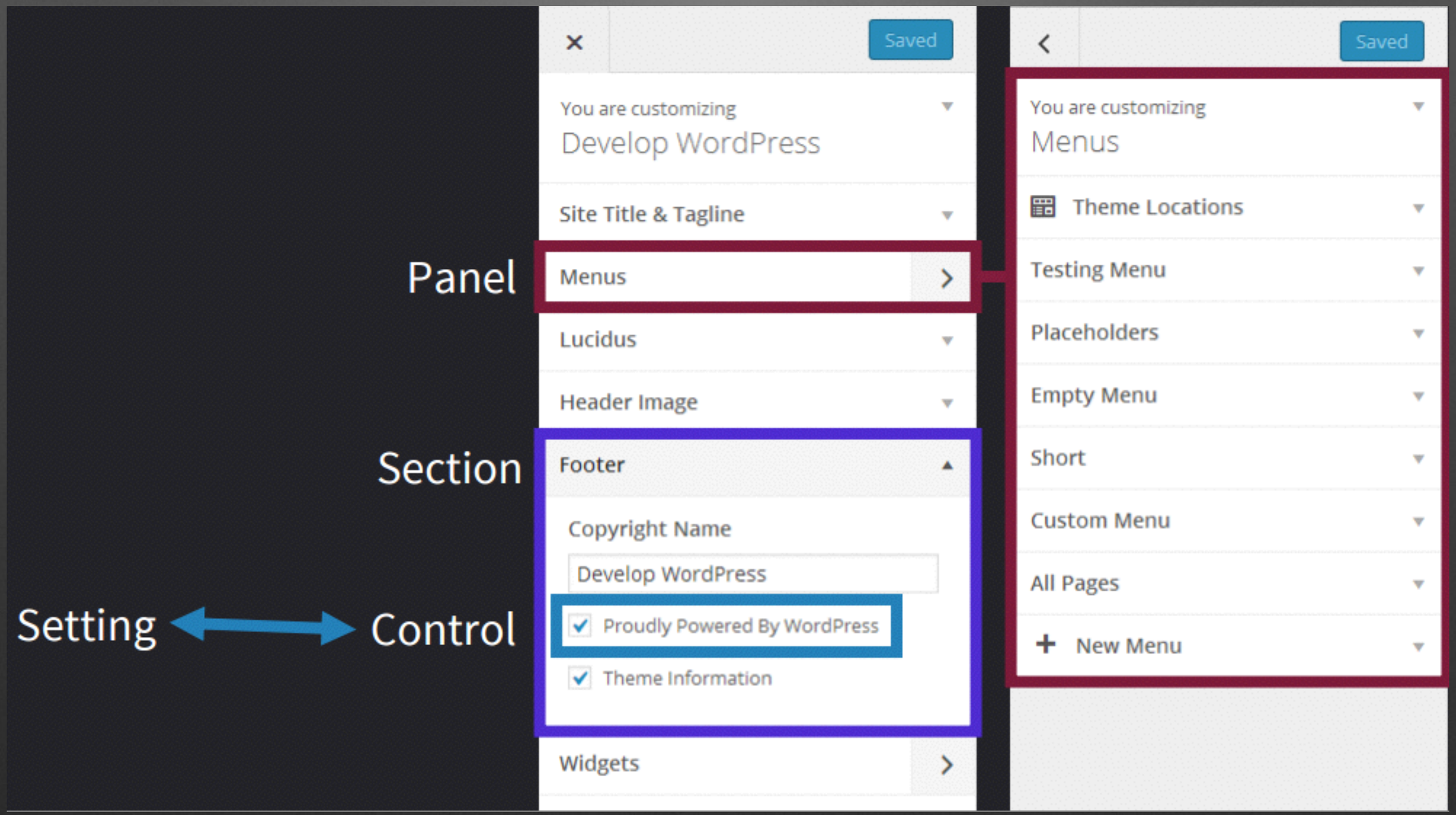
The Theme Customization API

Benefits

- Provides a central control panel in a known location
- Consistent interface for controls and settings
- Less work for developers
- “Decisions, not Options”

Panels, Sections, Settings & Controls

Oh My!



Method: add_panel()

```
$wp_customize->add_panel('my_panel', array(
    'priority' => 10,
    'capability' => 'edit_theme_options',
    'theme_supports' => '',
    'title' => 'My Panel Title',
    'description' => 'My Panel Desc.',
));
```

Method: add_section()

```
$wp_customize->add_section('my_section', array(
    'priority' => 10,
    'capability' => 'edit_theme_options',
    'theme_supports' => '',
    'title' => 'My Section Title',
    'description' => 'My Section Desc.',
    'panel'  => 'my_panel',
));
```

Method: add_setting()

```
$wp_customize->add_setting(‘my_setting', array(
   'type' => 'theme_mod', // or 'option'
   'capability' => 'edit_theme_options',
   'theme_supports' => '',
   'default' => 'my default value',
   'transport' => 'refresh', // or postMessage
   'sanitize_callback' => '…', // cust->DB
   'sanitize_js_callback' => '…', // DB->cust

));
```

Method: add_control()

```
$wp_customize->add_control(‘my_setting', array(
    'label' => 'My Custom Content',
    'section' => 'my_section',
    'type' => ‘textarea’,
    'active_callback' => ‘my_cb',
));
```

Class WP_Customize_Control()

Default Control Types

- text (default)
- checkbox
- radio
- select
- dropdown-pages
- textarea

Class WP_Customize_Control()

Additional Control Types

- WP_Customize_Color_Control()
- WP_Customize_Upload_Control()
- WP_Customize_Image_Control()

Class WP_Customize_Control()

Create a Custom Control Class

```
class My_Custom_Control extends
WP_Customize_Control {

    public function render_content(){
        echo $my_custom_markup;
    }
}
```

Class WP_Customize_Control()

Create the Custom Control

```
$wp_customize->add_control(new My_Custom_Control(
        $wp_customize,
        'my_setting',
        array(
          'label' => 'My Custom Control',
          'section' => ‘my_section',
          'choices => array(
             'one' => 'choice one'
             'two' => 'choice two'
          )
        )
));
```

Using the Settings in Your Theme

function: get_theme_mod()

```
get_theme_mod('my_setting', 'My Default')
```

Action: wp_head

```
add_action( 'wp_head', ‘my_custom_styles');

function my_custom_styles() {
  printf('<style>#my-el{ color: %s; }</style>',
  get_theme_mod('my_setting', '#fff') );
}
```

Using Settings Inside Your Template

```
<div id='my-el'>
  <?php echo get_theme_mod('my_custom_content',
  'My Default Value'); ?>

</div>
```

Javascript

Live Styles

- Connects settings to the preview window
- Applies styles without a page refresh
- Use in conjunction with ‘transport’ => ‘postMessage’

Action: 'customize_preview_init'

```
add_action('customize_preview_init',
'enqueue_my_live_styles');

function enqueue_my_live_styles() {
   wp_enqueue_script(
      'my-live-styles',
      get_template_directory_uri().'/my-live-styles.js',
      array( 'jquery','customize-preview' ),
      '',
      true
   );
}
```

my-live-styles.js

```
( function($) {
    wp.customize( 'my_setting', function( value ) {
        value.bind( function( to ) {
            $( '#my-el' ).css( 'background', to );
        });
    });
}
```

Coming Soon: Menu Management

Feature Plugin: Menu Customizer

- Adds menu management controls to the customizer
- Introduces a new transport method: partial refresh
- Will soon be part of core

Customizer Resources

- https://developer.wordpress.org/themes/advanced-topics/customizer-api/
- https://codex.wordpress.org/Theme_Customization_API
- https://developer.wordpress.org/reference/classes/wp_customize_manager/
- https://make.wordpress.org/core/2014/07/08/customizer-improvements-in-4-0/