



beaverbuilder

Customizing Beaver Builder for
Third Party Themes and Client Sites

Justin Busa

Page Builder?

- A page layout tool with a visual interface
- Goes beyond the WordPress editor
- Can replace the need for page templates
- Typically a plugin but can be in themes
- Some are frontend, some are backend

Integrate and Extend

- Should integrate with almost any theme without much more than basic CSS tweaks
- Extend with custom modules & templates
- Modules are the building blocks
- Templates are reusable page layouts

Custom Modules

- Create anything you want
- Currently 22 built-in field types
- Generic settings like margins are free
- A lot of other things are free like minifying assets and conditional script loading
- Can live in plugins or themes

my-module/my-module.php

```
class MyModule extends FLBuilderModule {  
  
    public function __construct() {  
  
        parent::__construct( array(  
            'name'           => 'My Module',  
            'category'      => 'My Module Category',  
            'dir'           => 'path-to-my-module',  
            'url'           => 'url-to-my-module'  
        ) );  
    }  
}  
  
FLBuilder::register_module( 'MyModule', array() );
```

my-module/includes/frontend.php

```
$module->some_method();
```

```
$settings->some_setting;
```



```
echo 'Hello WordCamp Sacramento!';
```

Scripts & Styles

- Not required but available if needed
- Multiple entry points for CSS & JavaScript
- Automatic handling of breakpoints set within the builder
- Target all modules or specific instances
- Methods for conditionally enqueueing

css/frontend.css

css/frontend.medium.css

css/frontend.responsive.css

js/frontend.js

includes/frontend.css.php

includes/frontend.js.php

```
.my-module a.button {  
  background: <?php echo $settings->bg_color; ?>  
}
```

```
$module->add_css ( ... );
```

```
$module->add_js ( ... );
```

Custom Fields

- Currently 22 built-in field types
- Create custom fields if one of the built-in types doesn't suit your needs
- Easily rendered through an action
- Literally create anything you want

Audio

Code

Color

Editor

Font

Form

Icon

Link

Loop

Multiple Audio

Multiple Photo

Photo

Photo Sizes

Post Type

Select

Service

Suggest

Text

Textarea

Time

Time Zone

Video


```
function my_field( $name, $value, $field, $settings ){  
    ...  
}  
  
add_action( 'fl_builder_control_my_field', 'my_field', 1, 4 );
```

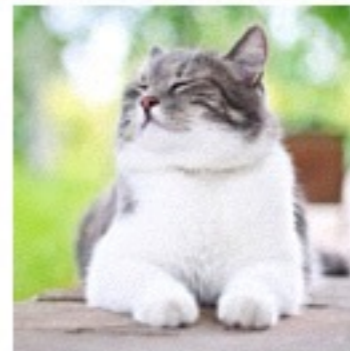
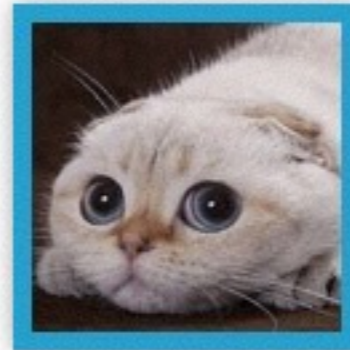
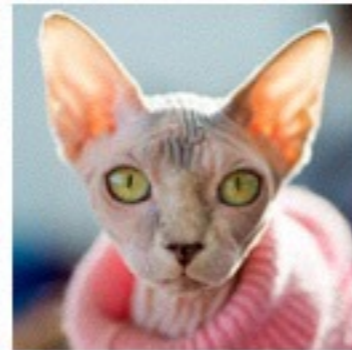
Cat Photo Settings



General

Advanced

Cat Photo



Save

Save As...

Cancel

Learn More

www.wpbeaverbuilder.com/custom-modules

Templates

- Save a template of any layout you create
- Save rows and modules as well
- Reuse on other sites by exporting
- Export using the WordPress exporter
- Export using the Template Data Exporter
- Bypass importing by registering in a plugin

```
FLBuilder::register_templates( 'templates.dat' );
```

Admin Settings

- Customize through the admin settings
- Enabled/disable modules, templates and post types that use the builder
- Limit editing capabilities

Under the Hood

- Inherits theme styling as much as possible
- Lightweight grid similar to Bootstrap
- Responsible loading of assets
- Layout data is stored in post meta
- Content is saved to the WordPress editor
- Save draft changes of published pages



beaverbuilder

@beaverbuilder

www.wpbeaverbuilder.com

Join us on Facebook and Slack!