

# The Drupal 8 Theming Experience

Scott Reeves (Cottser)

[bit.ly/d8txdca16](https://bit.ly/d8txdca16)

# Scott Reeves

- Drupal 8 theme system and Stable (co-)maintainer
- Provisional Drupal 8 core committer
- Team Lead @ Digital Echidna
- Former child pilot



**TX (Themer Experience)**

**DX (Developer Experience)**

# What we'll cover

- Core base themes
- The without filter
- Twig theme registry loader
- Working with libraries



# Two main camps

- Sensible  $\frac{2}{3}$

♀

- Clean  $\frac{1}{3}$

Use Classy

Use Stable

my\_theme.info.yml:

```
base theme: classy
```

my\_theme.info.yml:

# Power to the templates\*

```
{%  
  set classes = [  
    'node',  
    'node--type-' ~ node.bundle|clean_class,  
    node.isPromoted() ? 'node--promoted',  
    node.isSticky() ? 'node--sticky',  
    not node.isPublished() ? 'node--unpublished',  
    view_mode ? 'node--view-mode-' ~ view_mode|clean_class,  
  ]  
  %}  
  {{ attach_library('classy/node') }}  
<article{{ attributes.addClass(classes) }}>
```



# **Additive vs. Subtractive**

# Print what you want, when you want

```
{% hide(content.comments) %}  
{% hide(content.links) %}  
{{ content }}  
{{ content.links }}  
{% show(content.links) %}  
  
{# Content with links but without comments #}  
{{ content }}
```

```
{{ content|without('comments', 'links') }}  
  
{{ content.links }}  
  
{{ content|without('comments') }}
```



# Referencing other Twig templates

1. By namespace:

```
"@stable/block/block.html.twig"
```

2. Full path from Drupal root:

```
"core/themes/stable/templates/block/block.html.twig"
```

# Twig blocks

block.html.twig:

```
<div{{ attributes }}>
  {{ title_prefix }}
  {% if label %}
    <h2{{ title_attributes }}>{{ label }}</h2>
  {% endif %}
  {{ title_suffix }}
  {% block content %}
    {{ content }}
  {% endblock %}
</div>
```

```
{% extends "@stable/block/block.html.twig" %}
{% block content %}
  <div class="block-content-wrapper">
    {{ parent() }}
  </div>
{% endblock %}
```

# Starting to build

```
.
├── my_theme.info.yml
└── templates
    ├── block--search-form-block.html.twig
    └── page.html.twig
```

block--search-form-block.html.twig:

```
{% extends "@stable/block/block.html.twig" %}
{% block content %}
  <div class="block-search-form-wrapper">
    {{ parent() }}
  </div>
{% endblock %}
```

# Starting to grow

```
.
├── my_theme.info.yml
└── templates
    ├── block--search-form-block.html.twig
    ├── block.html.twig
    └── page.html.twig
```

block--search-form-block.html.twig:

```
{% extends "@stable/block/block.html.twig" %}
{% block content %}
  <div class="block-search-form-wrapper">
    {{ parent() }}
  </div>
{% endblock %}
```

**What more do  
we need?**

# Planning for growth

```
.
├── my_theme.info.yml
└── templates
    ├── block--search-form-block.html.twig
    ├── block.html.twig
    └── page.html.twig
```

block--search-form-block.html.twig:

```
{% extends "block.html.twig" %}
{% block content %}
  <div class="block-search-form-wrapper">
    {{ parent() }}
  </div>
{% endblock %}
```

# Referencing other Twig templates

1. By template name:

```
"block.html.twig"
```

2. By namespace:

```
"@stable/block/block.html.twig"
```

3. Full path from Drupal root:

```
"core/themes/stable/templates/block/block.html.twig"
```



**eatings** commented *January 23, 2015 at 11:33am*

#88

1. Wait -- it wasn't like this before?
2. Awesome, either way!



# Libraries\*

my\_theme.libraries.yml:

```
cuddly-slider:  
  version: 1.x  
  css:  
    theme:  
      css/cuddly-slider.css: {}  
  js:  
    js/cuddly-slider.js: {}  
  dependencies:  
    - core/jquery
```

# Overrides

my\_theme.info.yml:

```
libraries-override:  
  classy/base:  
    css:  
      component:  
        css/components/menu.css: false  
  user/drupal.user: false
```

# jQuery Update

my\_theme.info.yml:

```
libraries-override:  
  core/jquery:  
    js:  
      assets/vendor/jquery/jquery.min.js: js/jquery-5000.js
```

# Your Custom Modernizr Build

my\_theme.info.yml:

```
libraries-override:  
  core/modernizr:  
    js:  
      assets/vendor/modernizr/modernizr.min.js: js/modernizr.min.js
```

# Extending

my\_theme.info.yml:

```
libraries-extend:  
  user/drupal.user:  
    - my_theme/user  
  classy/node:  
    - my_theme/node
```



**Scott Reeves**

@Cottser

I just want to give a special shout out to  
[@almaudoh](#) for working on libraries-override and  
-extend for [#Drupal8](#). So awesome!

9:24 AM - 10 Nov 2015

**Remember:  
Drupal 8 is not done.**

# Thanks.

@Cottser

[drupal.twig.org](http://drupal.twig.org)

Twitter: [#drupal.twig](https://twitter.com/#drupal.twig)

IRC: [#drupal-twig](https://www.drupal.org/irc)