

A Custom Drupal Theme in ~~40~~ 35 minutes

DRUPALGOVCON 2016

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Starting point

Drupal 8 installed

Debugging enabled

Sample content

Modules - Devel, Display Suite, Responsive Image



Development Environment

Disable cache, Enable Twig debug

Templates → /modules/system/templates

settings.php and settings.local.php

service.yml and development.services.yml

YAML

```
---  
# Employee record  
name: Joey  
job: Themer  
skills:  
  - Music  
  - Art  
languages:  
  php: Elite  
  javascript: Elite
```

YAML is a human friendly data serialization standard for all programming languages.
(but not tab friendly)

<http://www.yaml.org/>

Twig

Print something

```
{{ name }}
```

Run code

```
{% set class = "something-something" %}
```

Comment

```
{# This is something #}
```

<http://twig.sensiolabs.org/doc/templates.html>

Sass

A CSS preprocessor that adds power and elegance to the basic language with use variables, nested rules, mixins, inline imports, and more.

```
$font-stack: Helvetica, sans-serif;  
$primary-color: #333;
```

```
body {  
  font: 100% $font-stack;  
  color: $primary-color;  
}
```



```
body {  
  font: 100% Helvetica,  
  sans-serif;  
  color: #333;  
}
```

<http://sass-lang.com>

Options for Creating a Theme

- From scratch (by default themes use Stable as Base Theme)
- Contrib theme
- Subtheme
 - Core base themes
 - Classy - base theme for Bartik and Seven
 - Stable - bare minimum/style for things to work
 - Other base themes

Classy vs Stable

```
<div class="field field--name-field-time-  
lord field--type-string field--label-  
above">
```

```
  <div class="field__label">Time  
Lords</div>
```

```
  <div class='field__items'>  
    <div class="field__item">The Doctor  
</div>
```

```
    <div class="field__item">River  
Song</div>  
  </div>
```

```
</div>
```

```
<div>
```

```
  <div>Time Lords</div>
```

```
  <div>
```

```
    <div>The Doctor</div>
```

```
    <div>River Song</div>
```

```
  </div>
```

```
</div>
```


Anatomy of a Theme

mytheme.info.yml

mytheme.libraries.yml

mytheme.breakpoints.yml

mytheme

css

scss

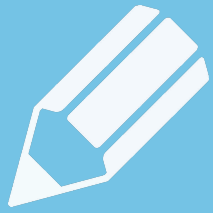
styles.scss

images

templates

js

lib



Ready, set, go!

Resources - Development Environment

- Local environment - LAMP/MAMP, Acquia DevDesktop
- Browser extensions - Firebug, Livereload

<http://www.acquia.com/downloads>

<http://getfirebug.com>

<http://livereload.com/extensions>

- Gulp → <https://css-tricks.com/gulp-for-beginners>

Resources - Drush & Gulp

- In order to use Drush with Drupal 8 you need composer
- Windows → <https://modulesunraveled.com/drush/installing-drush-windows>
- Mac → <https://www.drupal.org/node/1674222>
- Linux → <http://whaaat.com/installing-drush-8-using-composer>

<https://www.drupal.org/node/1791676>

- Gulp → <https://css-tricks.com/gulp-for-beginners>

Resources - Development

Acquia Dev Desktop → <http://www.acquia.com/downloads>

Firebug → <http://getfirebug.com>

Livereload → <http://livereload.com/extensions>

Resources - Learn

@MortenDK's Barcelona Session

<https://www.youtube.com/watch?v=1m6WR7e7qwU>

Watch and Learn YouTube Channel https://www.youtube.com/channel/UCXQC_GB5hG6PkzlhSMZ-hWA

Notes from my Designing with Drupal 8 course

<http://www.SnakeHill.net/designingd8>

Meetups, Camps and Cons

Questions



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Community

Drupal Global Training Day → Sept 9, 10, 2016

Baltimore DrupalCamp → Oct 7, 2016

DrupaCon Baltimore!!! → April 24 - 27, 2017

Baltimore Drupal Meetup → 2nd Wed @ Bertha's
meetup.com/Baltimore-Drupal-Meetup

Baltimore / DC Drupal Co-working



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