Component and Style Guide Driven Development of WordPress Themes for Developers



Who am 1?

- My name is Oscar Duignan
- My twitter handle is @socialpoetry
- I'm a senior developer for a London based digital agency called Binary Vision



Component and Style Guide Driven Development of WordPress Themes for Developers

What are components?

NEWS

JULY 24, 2018

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28% of all online stores are powered by WooCommerce. Built on WordPress, WooCommerce is a fully customizable, open source eCommerce solution.

- 3+ million active installations
- 34+ million downloads
- 450+ extensions to add functionality

Whether you're selling a few handcrafted items to a niche market, taking an existing

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What are style guides?



Brand identity at a glance

Logo suite

Logo files are available at redcross.org/brand.

Required 2x clear space is indicated by blue lines. 1x=height and width of one arm of the cross.

Button logo family







The button logo was inspired by a vintage pin as an engaging symbol of enthusiastic participation. It is a personal, grassroots and unique expression for the Red Cross. Use this logo in any of its three forms for most printed marketing and communications materials as well as television, Web and email.

Classic logo family







The classic logo should be used in disaster situations, corporate materials, exterior building signage or when the marketing-oriented button logo is not appropriate.

Flat disc logo family







Use the flat disc logo when you have a dark background or printing restrictions preclude using the button logo. (Note that the white circle behind the cross must be present, so this is not suitable for white backgrounds).

Print minimum sizes



.275 inches (~7 mm)

Digital minimum sizes

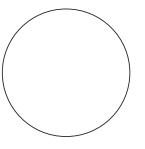


Clear space

Clear space minimums (shown above with blue lines) are built into the logo files.

Separating button graphic and wordmark

Primary



WHITE CMYK - 0/0/0/0 RGB - 255/255/255 HEX - FFFFF



PMS COOL GRAY 11 CMYK - 0/0/0/70 RGB - 109/110/112 HEX - 6D6E70

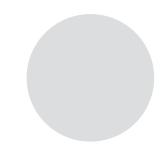


RED CROSS RED (PMS 485) CMYK - 0/100/100/0 RGB - 237/27/46 HEX - ED1B2E

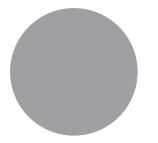


BLACK CMYK - 0/0/0/100 RGB - 0/0/0 HEX - 000000

Neutral



LIGHT GRAY (COOL GRAY 3) CMYK - 0/0/0/15 RGB - 215/215/216 HEX - D7D7D8



MED. GRAY (COOL GRAY 8) CMYK - 0/0/0/40 RGB - 159/159/163 HEX - 9F9FA3

Secondary



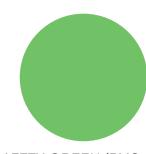
KHAKI (PMS 4535) CMYK - 0/4/30/11 RGB - 226/215/172 HEX - E2D7AC



SAND (PMS 7530) CMYK - 0/8/21/32 RGB - 180/169/150 HEX - B4A996



GOLD (PMS 130) CMYK - 0/30/100/0 RGB - 236/183/49 HEX - ECB731



SAFETY GREEN (PMS 360) CMYK - 58/0/80/0 RGB - 142/192/108 HEX - 8EC06C



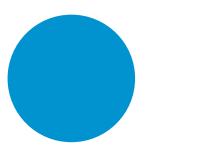
FOREST GREEN (PMS 364) CMYK - 65/0/100/42 RGB - 83/123/53 HEX - 537B35



LIGHT BLUE (PMS 290) CMYK - 25/2/0/0 RGB - 196/223/246 HEX - C4DFF6



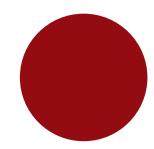
SKY BLUE (PMS 542) CMYK - 62/22/0/3 RGB - 86/160/211 HEX - 56A0D3



CLASSIC BLUE (PMS PROC BLUE) CMYK - 100/10/0/10 RGB - 0/145/205 HEX - 0091CD



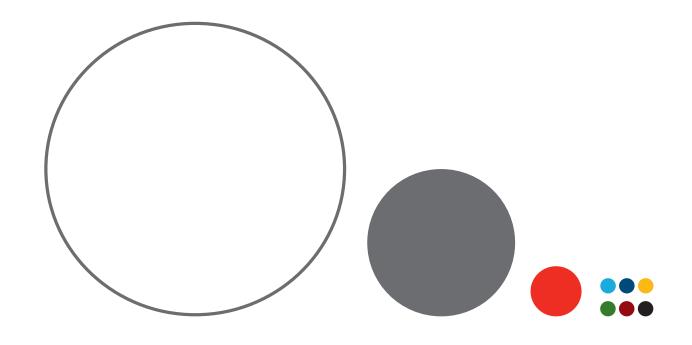
MIDNIGHT BLUE (PMS 7692) CMYK - 100/45/0/45 RGB - 0/75/121 HEX - 004B79



DEEP RED (PMS 7622) CMYK - 0/97/89/45 RGB - 127/24/27 HEX - 7F181B

Color proportion

Although individual pieces may vary, notice that the cumulative effect keeps the overall brand color balance.



Typography

Information Name and use Akzidenz-Grotesk Standard family is used to clearly and objectively communicate information. Weights Regular or Bold for heads and subheads. Regular for heads, subheads

Tone of voice

How we talk is as important as what we talk about.

Tabs

BETA This is a new service – your <u>feedback</u> will help us to improve it.

Get started Styles Components Back link Breadcrumbs **Button** Checkboxes Date input **Details** Error message **Error summary Fieldset** File upload Footer Header Inset text **Panel** Phase banner **Radios** Select Skip link Table

Components

Patterns

Community

Button

```
Open this example in a new window
   Save and continue
HTML
         Nunjucks
                                                                                                                        COPY
 {% from "button/macro.njk" import govukButton %}
 {{ govukButton({
   text: "Save and continue"
 }) }}
 You can configure this component using the Nunjucks macro arguments.
                                                                                                                        ▲ Close
```

When to use this component

* Australian Government official website dta.gov.au



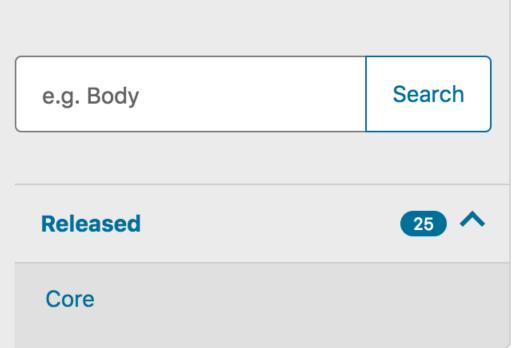
Design System (beta)

Get started Community **About** Components **Templates** Support



GitHub

▶ Download



Accordion

Breadcrumbs

Call to action

Control input

Direction links

Animate

Body

Buttons

Callout

Footer

v5.0.0

Accordion

Accordions help users see only the content they need. Accordions expand and collapse sections of content.





History View changes

npm i @gov.au/accordion Install

Tags <u>Interactive</u>

Required Animate, Core

Contributors





Overview

Rationale

Accessibility

Code

Discussion

Live demo **→**

Colour impairment

How the accordion is viewed with various colour blindnesses

Example Deuteranopia Tritanopia

Search...

Getting started

Layout

Content

Components

Alerts

Badge

Breadcrumb

Buttons

Button group

Card

Carousel

Collapse

Dropdowns

Forms

Input group

Jumbotron

List group

Modal

Navs

Navbar

Pagination

Popovers

Progress

Scrollspy

Toolting

Buttons

Use Bootstrap's custom button styles for actions in forms, dialogs, and more with support for multiple sizes, states, and more.

Examples

Bootstrap includes several predefined button styles, each serving its own semantic purpose, with a few extras thrown in for more control.

Warning Secondary Danger Info Light Link **Primary** Success Copy <button type="button" class="btn btn-primary">Primary/button> <button type="button" class="btn btn-secondary">Secondary/button> <button type="button" class="btn btn-success">Success/button> <button type="button" class="btn btn-danger">Danger/button> <button type="button" class="btn btn-warning">Warning/button> <button type="button" class="btn btn-info">Info</button> <button type="button" class="btn btn-light">Light/button> <button type="button" class="btn btn-dark">Dark/button> <button type="button" class="btn btn-link">Link/button>

Conveying meaning to assistive technologies

Using color to add meaning only provides a visual indication, which will not be conveyed to users of assistive technologies – such as screen readers. Ensure that information denoted by the color is either obvious from the content itself (e.g. the visible text), or is included through alternative means, such as additional text hidden with the .sr-only class.

Examples

Button tags

Outline buttons

Sizes

Active state

Disabled state

Button plugin

Toggle states

Checkbox and radio

buttons

Methods

COMPONENTS

- > Type
- > Icons
- > Notifications
- > Assets
- > Forms
- › Navigation
- > Listings
- > Tables
- > Dialogs

> Search

- > Dashboard
- > Layout

> Setup

* Pages

Dashboard O

Listing Page ○

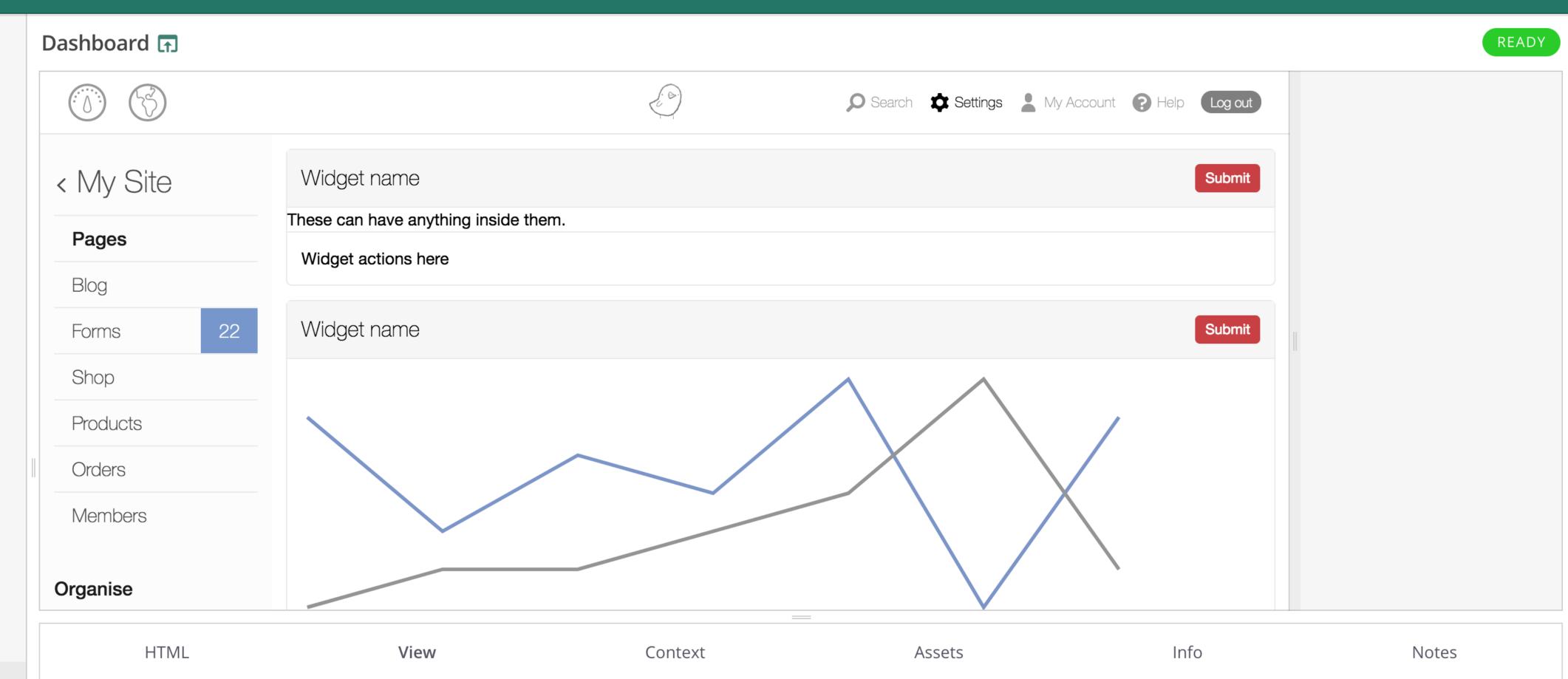
Edit Page O

Login Page O

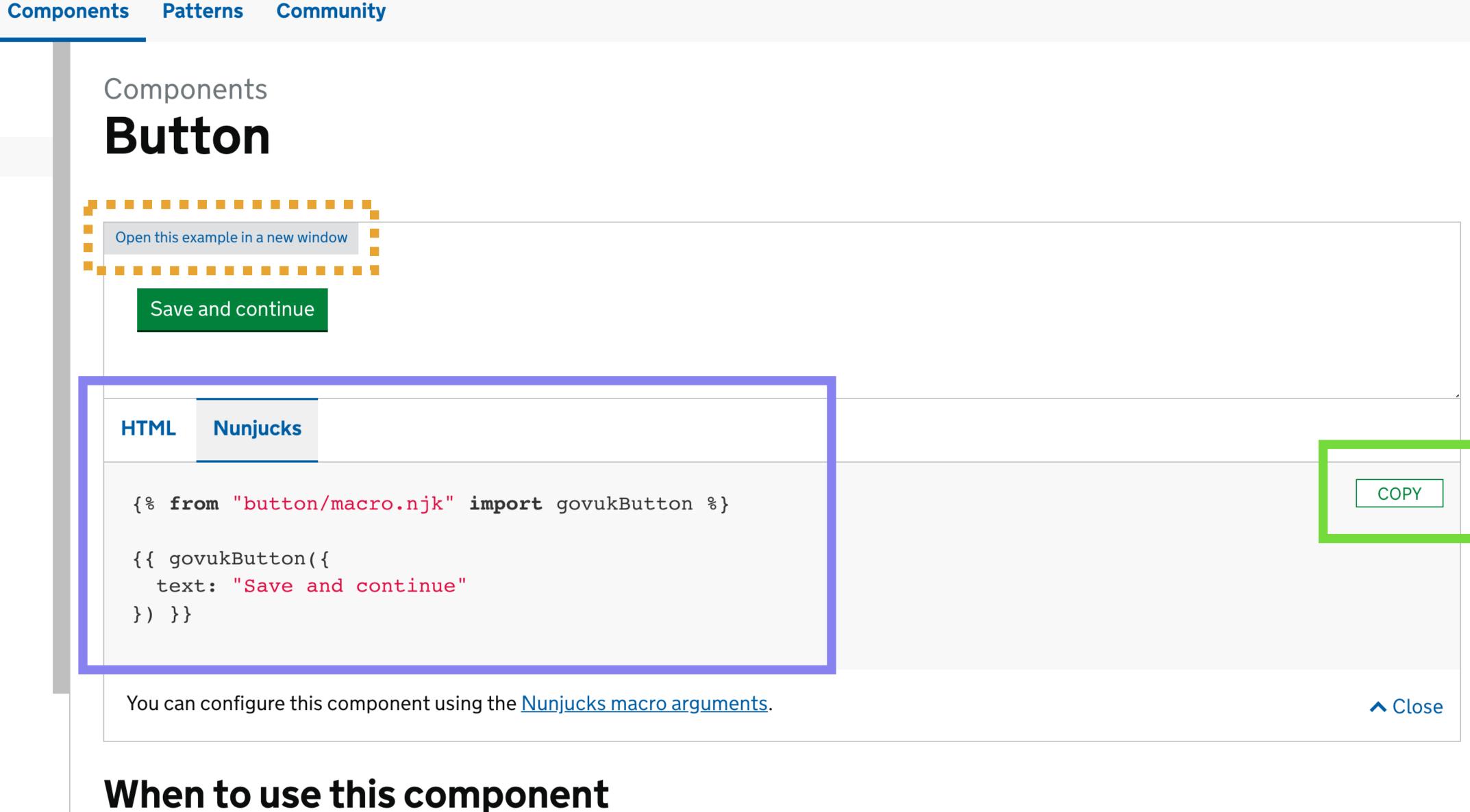
Password Reset Page O

Setup Page O

Software Update O



What make's a good style guide?



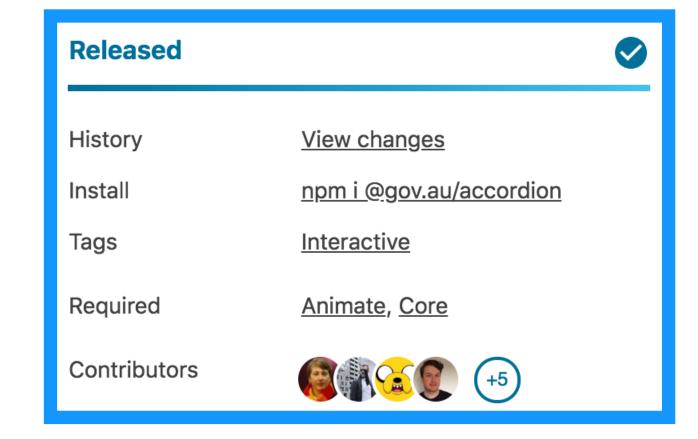


Design System **beta**

Get started Community **About** Components Templates Support v5.0.0

Accordion

Accordions help users see only the content they need. Accordions expand and collapse sections of content.



GitHub

Overview

Rationale Accessibility

Discussion Code

Live demo

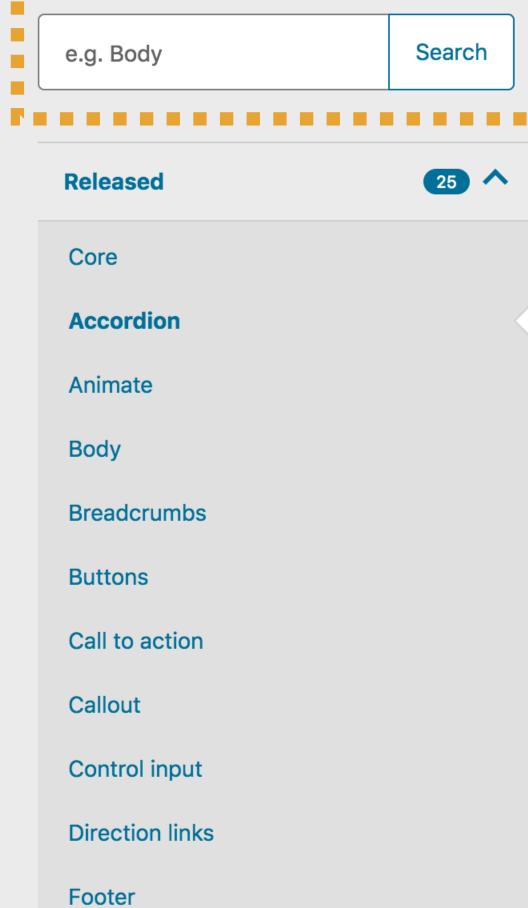
→

▶ Download

Colour impairment

How the accordion is viewed with various colour blindnesses

Example Deuteranopia Tritanopia



....

Copy

Search...

Getting started

Layout

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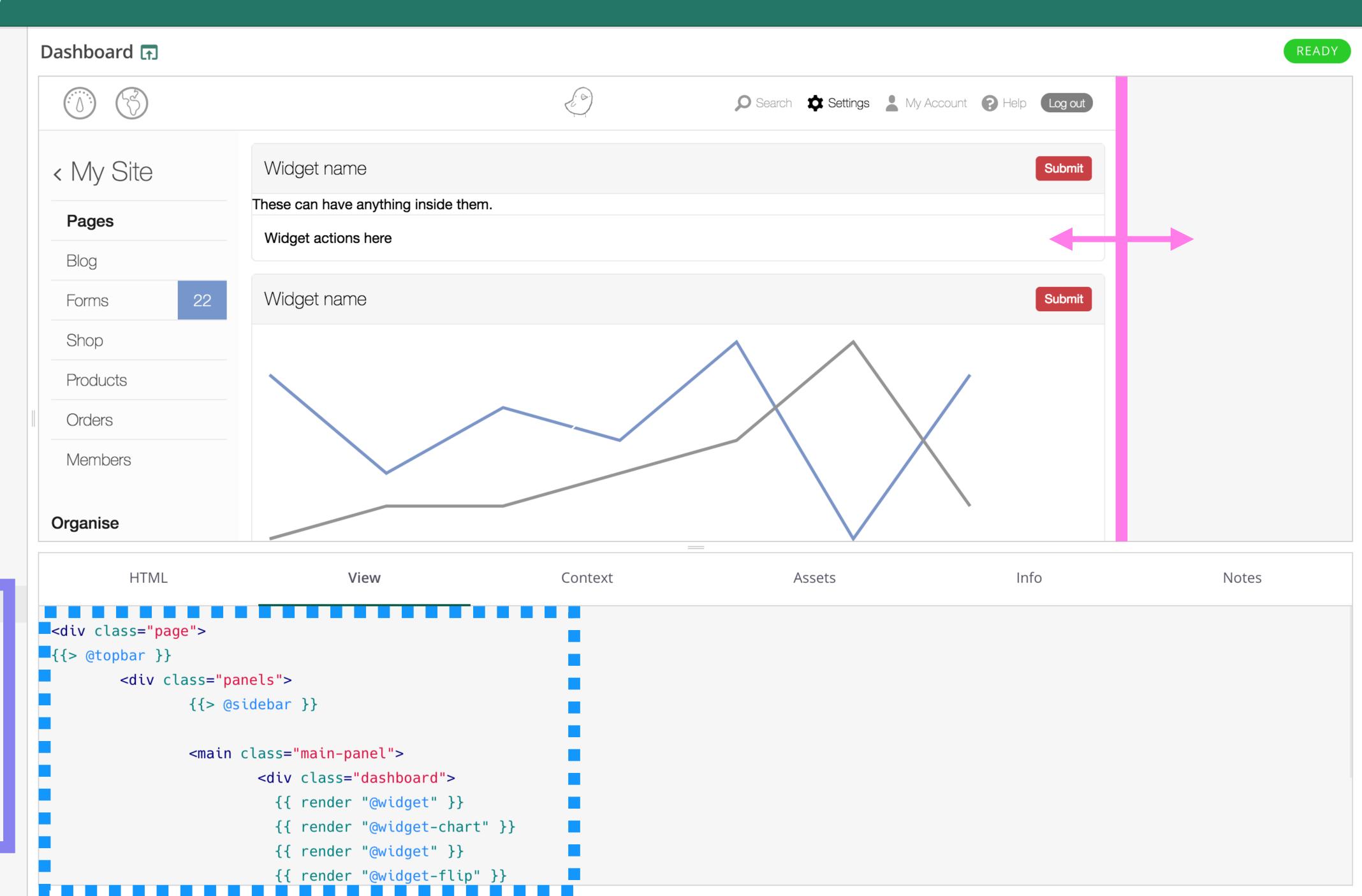
Toggle states

Checkbox and radio

buttons

Methods

COMPONENTS > Type > Icons Notifications > Assets > Forms > Navigation > Listings > Tables Dialogs > Search Dashboard > Layout > Setup ~ Pages Dashboard O Listing Page ○ Edit Page O Login Page O Password Reset Page ○ Setup Page O Software Update O



Do you really need one?

When can they help?

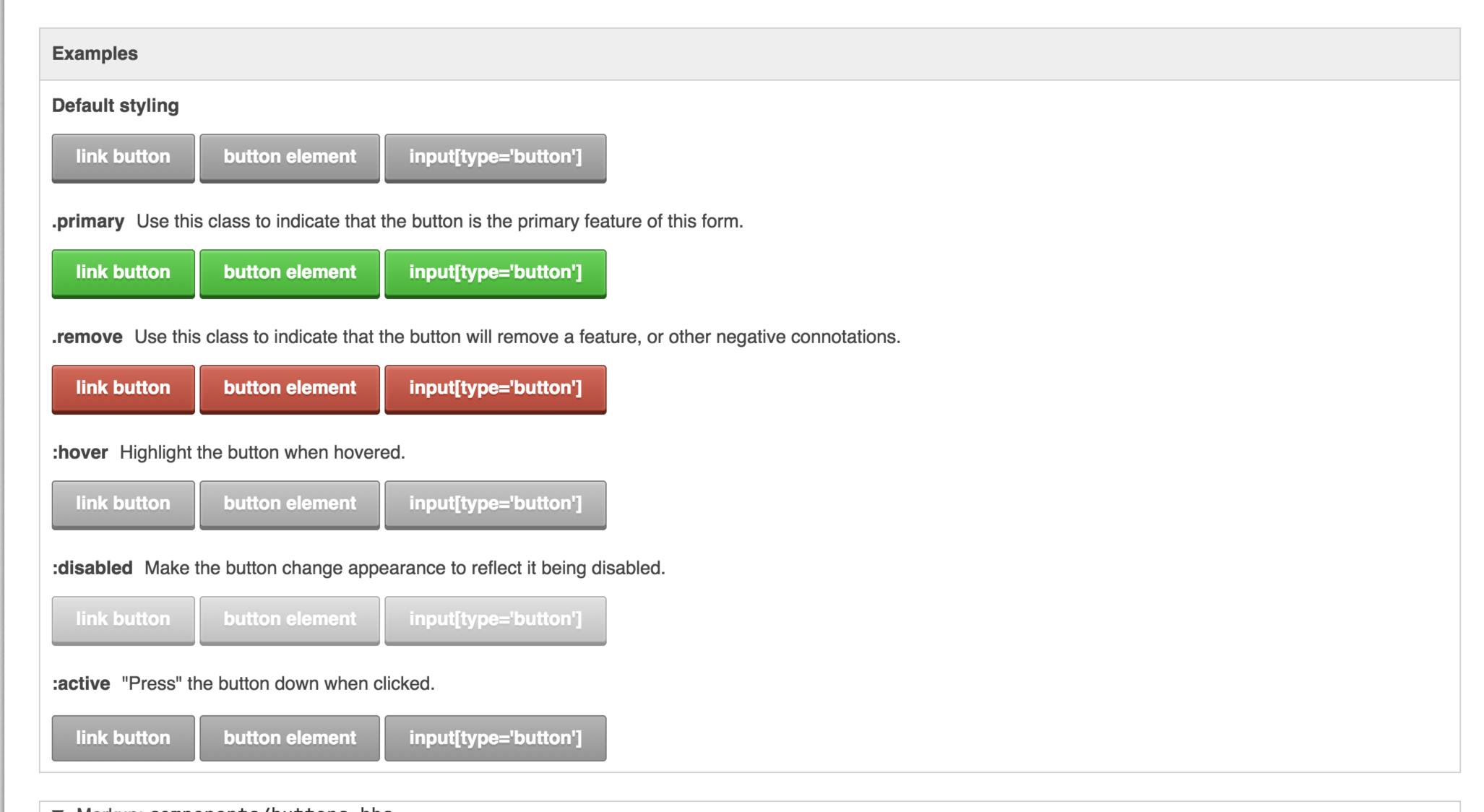
How do you create one?

KSS Node

kss-node Style Guide

- Overview
- 1 KSS Spec
- 2 JavaScript API
- 3 Demo
- 3.1 Mixins
- 3.1.1 .button-colorize(@color)
- 3.1.2 .colors(@bg, @color)
- 3.2 Colors
- 3.3 Components
- 3.3.1 Buttons
- 3.4 Forms
- 3.4.1 Text Input

A majority of buttons in the site are built from the same base class.



```
▼ Markup: components/buttons.hbs
```

```
<a href="#" class="button {{modifier_class}}">Link Button</a>
<button class="button {{modifier_class}}">Button Element</button>
<input type="button" class="button {{modifier_class}}" value="input[type='button']"/>
```

Source: components/buttons.less, line 1

demo / components / buttons.less

.button-colorize(@color);

```
// Buttons
// A majority of buttons in the site are built from the same base class.
// Markup: buttons.hbs
// .primary - Use this class to indicate that the button is the primary
             feature of this form.
            - Use this class to indicate that the button will remove a
             feature, or other negative connotations.
             - Highlight the button when hovered.
// :hover
// :disabled - Make the button change appearance to reflect it being disabled.
             - "Press" the button down when clicked.
// Style guide: demo.components.buttons
.button {
  @color:#aaa;
  -webkit-appearance:none;
     -moz-appearance:none;
         appearance:none;
  padding:10px 20px;
  color:#fff;
  &:visited, &:hover, &:active {
   color:#fff;
  font-family:Helvetica, Arial, sans-serif;
  font-size:16px;
  font-weight:bold;
  text-transform:lowercase;
  text-decoration:none;
  cursor:pointer;
  border-radius:3px;
```



Fracta

Overview

Styleguide

COMPONENTS

> Units

Patterns

Article Snippet O

Author Panel O

Elsewhere o

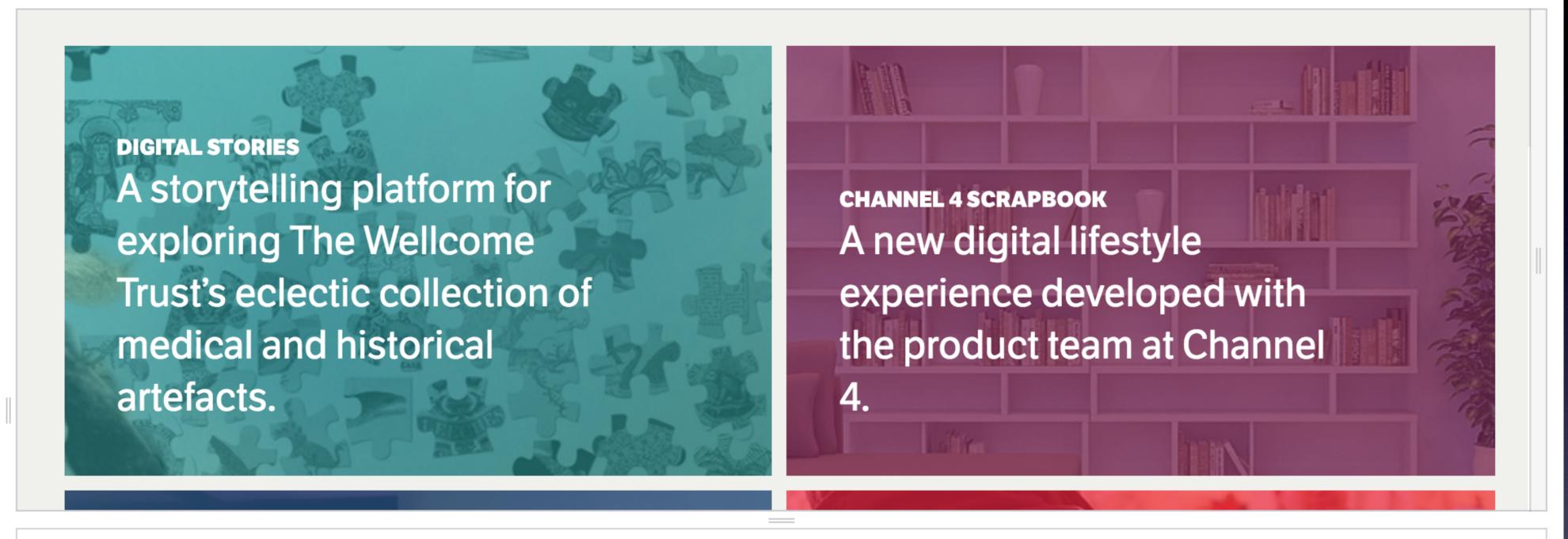
Story Grid O

> Layouts

> Full Page Examples



<> HTML



Info

■ Notes

Context

View

Where will you create it?

How will you manage your component markup?

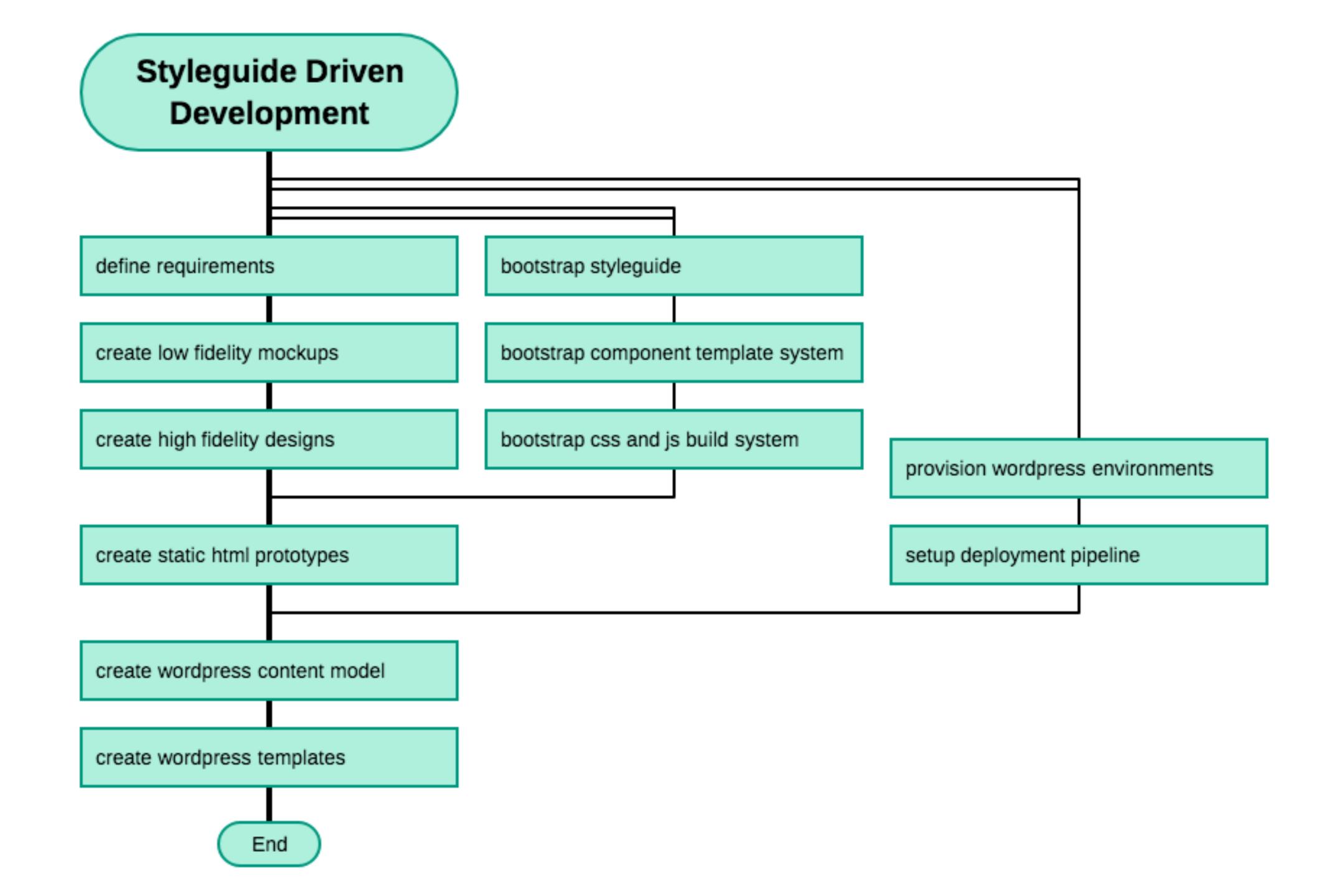
Markup gets duplicated across your theme and styleguide

Markup is defined once in templates that both your theme and styleguide use

Where should you host your styleguide?

netlify

An overview of the development process (for me)...



Thank you for listening!

- Slides will be available online, I'll tweet a link to them and any more resources I have from @socialpoetry with the conference hash tag
- You can grab me anytime if you want to talk about this more or get my contact details

