



# RWD

## Class 13

# Overview

**Style Guides and Pattern Libraries  
(15 min)**

**Brad Frost (30 min)**

**Break (5 min)**

**How Does This Apply to a CMS? (15 min)**

**Usability/Accessibility Testing Prep  
and HTML/CSS Template Work  
Hands-On (1 hour)**



# Flexbox Froggy

<http://flexboxfroggy.com/>



# Style Guides / Pattern Libraries



# What Is A Pattern Library?



# What's a Style Guide?



## COLORS

### Primary Colors



**CfA Red**  
PMS 193U  
C13 M94 Y69 K4  
R204 G39 B62  
#cf1b41  
\$color-red



**CfA Blue**  
PMS 2915M or 292C or 299U  
C70 M24 Y0 K0  
R63 G158 B216  
#399fd3  
\$color-blue



**CfA Gray**  
PMS Cool Gray 10  
C58 M49 Y46 K15  
R109 G110 B113  
#6D6E71  
\$color-gray

### Secondary Colors



**Light Blue**  
PMS 297U  
C50 M15 Y7 K0  
R122 G181 B214  
#7ab5d6  
\$color-light-blue



**Medium Blue**  
PMS 314U  
C72 M27 Y16 K0  
R66 G152 B187  
#4298bb  
\$color-medium-blue



**Dark Blue**  
PMS 302U  
C81 M66 Y51 K43  
R47 G61 B74  
#004b6a  
\$color-dark-blue

<http://style.codeforamerica.org>



The screenshot shows a navigation sidebar on the left with links like Grid System, Typography, Form Elements, Navigation (which is selected), Tables, Lists, Slats, Stats/Data, Feedback, Dialogs, Fredicons, and Helper Classes. The main content area is titled "Navigation" and contains sections for "Local Navigation", "Switcher", and "Tabs". Under "Local navigation", there's an "Example" section showing a navigation bar with "Account settings", "My profile" (highlighted in blue), "Billing", "Extras", and "Rewards". Below the example is a code block:

```
1 <p class="mobile-top-nav nomargin full-width fwb">
2   <a href="#">Navigation</a>
3   <ul class="local-nav selfclear">
4     <li>
5       <ul class="hover-list">
6         <li>
7           <a href="#">Account settings</a>
8         <li>
9           <a href="#/account/users">Users & account
10          details</a>
11        </li>
12        <li>
13          <a href="#/account/contact">Contact infor
14          mation</a>
15        </li>
16        <li>
17          <a href="#/account/domains">Verified doma
18          ins</a>
19        </li>
20      </ul>
```

**Notes**

Local navigation is used to jump between pages that categorically fall under the same (main) section. The local nav shown in the example above is from the Account section and it is present on all pages under `/account`.

If there are secondary pages in a section, then links to those pages are shown inside `hover-list` menus. A blue-colored link indicates the page/sub-section currently in view.

The local nav spans the full width of the page up to 640px, at which point it collapses into a stacked menu.

<http://ux.mailchimp.com/patterns/>



An official website of the United States Government

This site is cu

## U.S. Web Design Standards

Download code

Typefaces

Source Sans Pro

Source Sans Pro is an open-source sans serif typeface created for legibility in UI design. With a variety of weights that read easily at all sizes, Source Sans Pro provides clear headers as well as highly-readable body text.

Inspired by twentieth-century American gothic typeface design, its slender but open letters offer a clean and friendly simplicity. Advanced hinting allows Source Sans Pro to render well on Windows systems which run Cleartype, and across browsers and devices. Moreover, it supports a variety of languages and alphabets, including Western and European language, Vietnamese, pinyin Romanization of Chinese, and Navajo.

Merriweather

Merriweather is an open-source serif typeface designed for on-screen reading. This font is ideal for text-dense design: the letterforms have a tall x-height but remain relatively small, making for excellent readability across screen sizes while not occupying extra horizontal space.

The combination of slim and thick weights gives the font family a stylistic range, while conveying a desirable mix of classic, yet modern simplicity. Merriweather communicates warmth and credibility at both large and smaller font sizes.

Aa

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
a b c d e f g h i j k l m n o p q r s t u v w x y z  
0 1 2 3 4 5 6 7 8 9

Aa

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
a b c d e f g h i j k l m n o p q r s t u v w x y z  
0 1 2 3 4 5 6 7 8 9

<https://playbook.cio.gov/designstandards/visual-style/>





CLASS / WORKSHOP / BLOG / ABOUT

## PATTERN LIBRARY

Documentation of the primary patterns used on the Responsive Web Design Kent State website.

### COLORS



### TYOPGRAPHY

- Proxima Nova Soft
- Nimbus Sans Condensed
- Nimbus Sans

<http://rwdkent.com/patterns/>





# STYLE GUIDE

## COLORS

## TYPOGRAPHY

## LOGOS

## ILLUSTRATIVE ICONS

## USER INTERFACE ICONS

## BUTTONS

## PULL QUOTES

## TYPE HIERARCHY

## LISTS

## EMAIL SIGNATURE

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## MAIN STYLE GUIDE

## IDEABASE VISUAL STYLE GUIDE

### Colors



#### Light Blue

#00a8e1  
rgb(0, 168, 225)  
PANTONE 2995  
C: 80, M: 12, Y: 1, K: 0



#### Royal Blue

#1a5fab  
rgb(26,95,171)  
PANTONE 2935  
C: 92, M: 67, Y:1, K: 0



#### Dark Gray

#4d4d4d  
rgb(77,77,77)  
PANTONE 425  
C: 0, M: 0, Y: 0, K: 85



#### Light Gray

#bcbec0  
rgb(188,190,192)  
PANTONE 420  
C: 0, M: 0, Y: 0, K: 30

### Typography

#### Montserrat Bold

CSS Value: 'Montserrat', sans-serif  
Weight: 700

#### Source Sans Regular

CSS Value: 'Source Sans Pro', sans-serif  
Weight: 400

<http://www.ideabasekent.com/style>



# May Also Show Template Variations



# Build for Reuse.



# Must Maintain.



# HTML/CSS Pattern Library Assignment

<http://rwdkent.com/class/assignments/styleguide/>



# Brad Frost





# How Does This Apply to Content Management Systems?



# 3 Options for Publishing Website

	<b>Raw HTML</b>	<b>Static Site Generator</b>	<b>Content Management System</b>
<b>Pros</b>	Simplest to do Fast Performance	Fast Performance Dynamically Created Templates	Very easy to edit (once set up) Many templates from which to choose
<b>Cons</b>	Must write all templates manually Must know HTML to edit	Must use command line to setup Must know HTML/CSS to set up	Generally slower performance Require database backend (if custom) A lot of overhead
<b>Ex.</b>	HTML in a code editor	Jekyll, Middleman, Cactus	WordPress, Drupal, Shopify, Craft, Squarespace



*Movable Type*

*Drupal*

*Joomla!*

**Open-Source**

*WordPress*

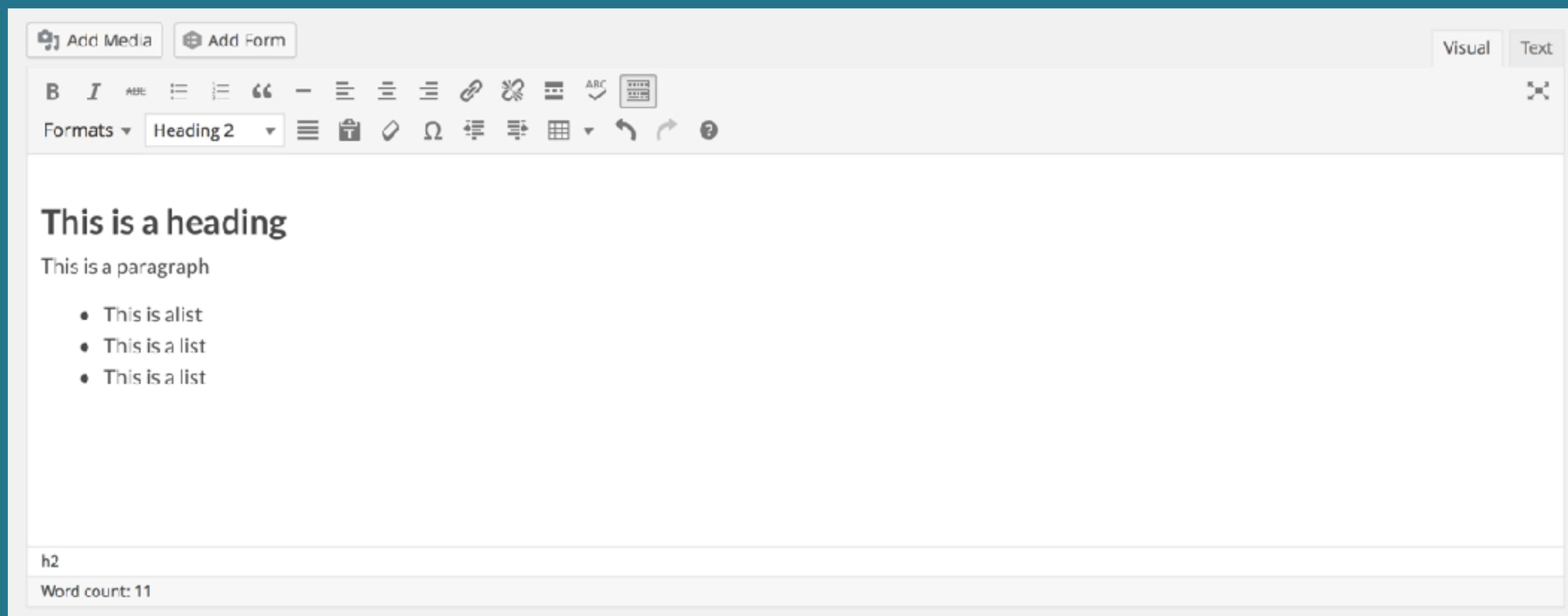
*Magento*



*ExpressionEngine*      *SharePoint*  
*Cascade*      *Craft*  
**Proprietary**



# WYSIWYG Editor





TECHNOLOGY **BITS | ROBOTICA**

## The Family Dog

BY Zackary Canepari, Drea Cooper | Jun. 17, 2015 | [0:20](#)

When Sony stopped manufacturing replacement parts for its Aibo pet robot, owners scrambled to save the robot-dogs that had become part of their families.

Related: Article: [A Robotic Dog's Mortality](#)

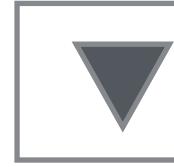
Share:

# Add New Video

**Long Title:**

**Short Title:**

**Date Added:**

+

**Category:**

**Subcategory:**

**Description:**

**Video File:**

**Author(s):**

+

**Related:**

+

**Pre-roll Ad:**

COPE = Create once,  
publish everywhere



# How Do You Get Your Content Into HTML/CSS?



# WordPress: Theme

PHP (HTML) Files

CSS Files



# Drupal: Theme

PHP (HTML) Files

CSS Files



# Craft: Template

PHP (HTML/Twig) Files

CSS Files



Squarespace /  
WordPress.com, etc.

Closed Source HTML / CSS





← HOME

## DESIGN

- Logo & Title
- Template
- Style Editor
- Checkout Page Style Editor
- Lock Screen
- Announcement Bar
- Mobile Information Bar
- Squarespace Badge
- Custom CSS**
- Advanced

← DESIGN

## CUSTOM CSS

This area will allow you to inject custom CSS rules into your site.

Warning: Adding custom CSS to your site can break your design. Please use caution when using this feature. Our support team will be limited in their ability to help you with design related issues if you have custom CSS.

**OPEN IN WINDOW**

1

# Hosting Your Website

Publish Over FTP/SFTP/SSH via web host

Managed Hosting (SquareSpace etc.)

GitHub Pages



# Hosting Your Website

## Buy A Domain Name

Most if not all hosts will allow you to connect a custom domain name to your website.



# Hosting Your Website

Deployment/Continuous Integration: Host files in a repository (such as GitHub) and have them “deploy” to the web server at certain times, or automatically.

Integrates version control with your server in a controlled way to prevent human error.

Many companies will use multiple “environments”: Local, Development, Staging and Production



# Usability / Technical Testing Prep

## HTML/CSS Template Work



# Linking multiple stylesheets.



Include @import  
url('about.css'); at top of  
CSS file



# Pros

Separate styles for specific types  
of content.

Prevents conflicts in Git.



# Cons

Less efficient (takes longer) to load multiple stylesheets.

*OK for prototyping.*



# Merge Conflicts



# Reminders:

**Usability Testing Plan: Next Week (Nov. 29)**

**HTML/CSS Prototypes/Templates: Dec. 13**

**Pattern Library: Dec. 13**

**Review Session/Critiques In Class: Dec. 13**

**Self/Group Evaluation: Dec. 13**

