

**CKEditor  
+ reusable styles  
= User-friendly rich  
text styling**

Marlene Williams

*PDX DUG Meetup April 10, 2013*



H2 OPEN SANS BLUE

H2 CHUNKFIVE NORMAL (BLACK)

H3 CHUNKFIVE ORANGE

H4 NORMAL (ARIAL)

THIS IS A DEFAULT BUTTON

THIS IS A SECONDARY INLINE BUTTON

THIS IS A TERTIARY BUTTON WITH AN ICON



THIS IS A PRIMARY INLINE BUTTON WITH AN ICON



THIS IS A BONUS INLINE BUTTON WITH AN ICON



**S**uspendisse vestibulum dignissim quam. Integer vel augue. Phasellus nulla purus, interdum ac, venenatis non, varius rutrum, leo. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Duis a class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos hymenaeos.



*Education is the key to unlock the golden door of freedom. - George Washington Carver*



1. Interpret the visual design
2. Create the code
3. Configure CKEditor

## 0) What this is not about:

- Security
- Semantic perfection of the editor output
- 3rd party CKEditor plugins/modules

# 1) Interpret the visual design

- Define reusable styles.
  - These are any chunks of styling that could get manually put into place, either through block/pane/menu item classes or through a WYSIWYG. E.g.:
    - Block styles
    - Text styles
    - Buttons
    - List styles
    - Icons
    - Read more links

## THIS IS AN ACCORDION.

Accordions are similar to tabs as a way to show a single panel of content at a time.

### ADULT LITERACY



**Most of us take our reading skills for granted,** but as many as one in ten, or 3,000 people in Weber County do not possess the skills to fill out an application, order from a menu, or read to their children. These people are a part of our community and life for them is very difficult.

The Weber County Library offers free, one-on-one tutoring to non-readers. Adults who are willing to tackle one of life's greatest handicaps can sign-up for a trained tutor to assist them with these skills. Compassionate volunteers utilize new and effective materials that help these people...

[■ MORE INFO](#)

### COMPUTER LITERACY

### ESL

## IMAGE STYLES

All you've gotta do is add a .image-brdr class your image and viola!



Default Image Style



Image Style with Border

## PANES AND BLOCKS.

Are simple CSS classes that enable you to outline sections of your page easily.

### This is a regular pane or block style.

It has an easy to override visual style, and is appropriately subdued.

### This is a patterned pane or block style.

It has an easy to override visual style using the class .square-bg.

### THIS IS A REVERSE PANE OR BLOCK STYLE.

It has an easy to override visual style, and is bold.

### THIS IS A CALL OUT.

It's useful for important content.

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## UPCOMING EVENTS

Event Feed

MAR  
28

**Star Wars Series: Star Wars  
Episode III: Revenge of the Sith**

6:00pm to 8pm  
📍 North Branch

SEPT  
30

**Lectura de cuentos en Español  
Spanish Family Storytime**

12:00pm to 1:15pm  
📍 [Pleasant Valley Branch](#)

## SOCIAL MEDIA

Choose from 100's of icons.





## THIS IS AN ACCORDION.

Accordions are similar to tabs as a way to show a single panel of content at a time.

### ADULT LITERACY



Most of us take reading ability for granted, but as many as one in five adults in Weber County do not possess the skills to fill out an application, or read a children's book. These people's lives and life for them is very difficult.

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[MORE INFO](#)

### COMPUTER LITERACY

### ESL

## IMAGE STYLES

Image-right + image-left + w/border



Default Image Style



Image Style with Border

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Choose from 100's of icons.



Icons

## THIS IS DROP CAPS.

Add the class for green, orange. The default is black.

**A**mong many other fine qualities, my royal friend Tranquo, being gifted with a devout love for all matters of barbaric vertu, had brought together in Pupella whatever rare things the more ingenious of his people could invent; chiefly carved woods of wonderful devices, chiselled shells, inlaid spears, costly paddles, aromatic canoes; and all these distributed among whatever natural wonders, the wonder-freighted, tribute-rendering waves had cast upon his shores.

## THIS IS A BLOCK QUOTE.

// Chief among these latter was a great Sperm Whale, which, after an unusually long raging gale, had been found dead and stranded, with his head against a cocoa-nut tree, whose plumage-like, tufted droopings seemed his verdant jet. //

## THESE ARE BUTTONS.

Below this header is an example of a stroke or underline class that can be added to text like a header or paragraph.

PRIMARY BUTTON

SECONDARY BUTTON

TERTIARY BUTTON

BONUS BUTTON

Use Bonus Button sparingly

## THESE ARE ICONS.

Available Icons can be reviewed here: [http://dev.lwc.gotpantheon.com/sites/all/themes/omega\\_lwc/fonts/fontello/demo.html](http://dev.lwc.gotpantheon.com/sites/all/themes/omega_lwc/fonts/fontello/demo.html)

PROGRAMS & EVENTS



 WEB SEARCH TOOLS



## THIS IS DROP CAPS.

### Dropcaps

A

mong many other fine qualities, my royal friend Tranquo, being gifted with a devout love for all matters of barbaric vertu, had brought together in Fupella whatever rare things the more ingenious of his people could invent; chiefly carved woods of wonderful devices, chiselled shells, inlaid spears, costly paddles, aromatic canoes; and all these distributed among whatever natural wonders, the wonder-freighted, tribute-rendering waves had cast upon his shores.

## THIS IS A BLOCK QUOTE.

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Chief among these latter was a great Sperm Whale, which, after an unusually long raging gale, had been found dead and stranded, with his head against a cocoa-nut tree, whose plumage-like, tufted droopings

//

### Blockquotes

### Buttons + w/icons

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PROGRAMS & EVENTS



WEB SEARCH TOOLS

Menu item w/icon ?

## THESE ARE SOME LISTS.

- List item one.
  - List item two in the form of a very long sentence-like structure.
  - List item three.
  - List item number four or four items.
- ✓ List item one.
  - ✓ List item two in the form of a very long sentence-like structure.
  - ✓ List item three.
  - ✓ List item number four or four items.

HEADER 1

HEADER 2

HEADER 3

HEADER 4

HEADER 5

HEADER 6

Header 1

Header 2

Header 3

Header 4

Header 5

Header 6

Header 1

Header 2

Header 3

Header 4

Header 5

Header 6

## PARAGRAPH CLASS LARGE FONT.

### Subheader Class 5

Among many other fine qualities, my royal friend Tranquo, being gifted with a devout love for all matters of barbaric vertu, had brought together in Pupella whatever rare things the more...

## PARAGRAPH CLASS SMALL FONT.

### Alternate Chunk Header 5

Among many other fine qualities, my royal friend Tranquo, being gifted with a devout love for all matters of barbaric vertu, had brought together in Pupella whatever rare things the more ingenious of his people could invent; chiefly carved woods of wonderful devices, chiselled shells, inlaid spears, costly paddles, aromatic canoes; and all these distributed among whatever natural wonders, the wonder-freighted, tribute-rendering waves had cast upon his shores.

difficult.

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[MORE INFO](#)





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- List item one.
- List item two in the form of a very long sentence-like structure.
- List item three.
- List item number four or four items.

- ✓ List item **Fancy list**
- ✓ List item two in the form of a very long sentence-like structure.
- ✓ List item three.
- ✓ List item number four or four items.

HEADER 1

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Header 4

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Header 6

Oh, the permutations!

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**Read more link**

**MORE INFO**



- Look at the style tiles and/or mockups and **generate a list**. Talk with the designer and client if anything is unclear, or if you think there might need to be more than what is defined in the designs. Or if something is impractical.
- Try to think of all the likely (or possible) ways each style could be used, then boil them down into the most **simple chunks** possible. If a style looks too complex and shares similar aspects with others, see if the similarities can be broken out into their own pieces, which can be included in the others. Buttons, for example.

PRIMARY BUTTON

PRIMARY BUTTON

SECONDARY BUTTON

TERTIARY BUTTON

BONUS BUTTON



## **Needed CKEditor styles:**

- Primary button
- Secondary button
- Tertiary button
- Bonus button
- Drop caps
- Blue callout
- Orange callout
- Decorative list
- More link
- Image right
- Image left
- Decorative list

## **Needed CKEditor fonts:**

- League Gothic (default)
- Open Sans, extra bold
- ChunkFive

## **Needed CKEditor text colors:**

- Black (default)
- Orange
- Blue

## Needed HTML elements:

- Headings 2-6
- Blockquotes
- Anchor tags
- ULs
- Paragraphs
- Divs and spans

## Markup targets for styles:

- Buttons, more link: *a*
- Drop caps: *span*
- Callouts: *div*
- Decorative list: *ul*
- Images: *img*

## 2) Create the code

- Compass/SASS helpers
  - Use a separate scss file for reusable styles
  - Use mixins + variables

- If needed, use compass to generate a special **ckeditor.scss** file
  - For previewing content, CKEditor lets you use:
    - a) its default styles,
    - b) the current theme styles, or
    - c) a custom defined set of styles. I usually like this one since it gives me more control.
- Using **global** styles can introduce not-fun other bugs because of the iframe, e.g. body tag styles... A separate, special ckeditor stylesheet lets you include your reusable styles and add any fixes.

- The custom **ckeditor.styles.js** defines the styles in the editor.
  - Copy the ckeditor.styles.js file from the module into your theme's JS directory
  - Modify it to use your own styles
    - Choose your selectors carefully
    - Give classes instead of directly modifying styles



## 3) Configure CKEditor

- Text formats
  - Choose which one(s) you want to use
  - Plugins start here, e.g. link filters, media filters, image resize
  - Here is a good place to incorporate security
  - The order of the text formats matters
- CKEditor profiles
  - If config is going into code, you may want to create a new profile

# CKEditor profile configuration

- Editor appearance fieldset
  - **Plugins used:** CKEditor link, Drupal teaser/page breaks, IMCE, Drupal embedded media

## Plugins

- ☒ CKEditor Link – A plugin to easily create links to Drupal internal paths
- ☐ Plugin to count symbols, symbols without blanks and words
- ☒ Plugin for inserting Drupal teaser and page breaks.
- ☒ Plugin for inserting files from imce without image dialog
- ☐ Support for Linkit module
- ☐ Plugin for inserting images from Drupal media module
- ☒ Plugin for inserting Drupal embeded media

Choose the plugins that you want to enable in CKEditor.

- **Buttons used:** source, format, styles, font, font color, redo, undo, select all, clear styles, cut, copy, paste, bold, italicize, strikeout, ordered list, unordered list, indent text, unindent text, blockquote, alignment, text direction, link, unlink, anchor, IMCE image, media embed, table, hr, special character.



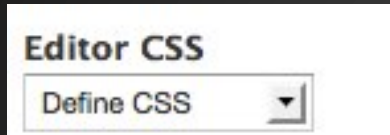
- Cleanup and output fieldset
  - **Font formats:** p;div;pre;h2;h3;h4;h5;h6

**Font formats**

p;div;pre;h2;h3;h4;h5;h6

Semicolon-separated list of HTML font formats. Allow

- CSS fieldset
  - **Editor CSS:** Define CSS



- **CSS file path:** %tcss/global.css
- **Predefined styles:** Define path to ckeditor.styles.js



- **Predefined styles path:** %hsites/default/themes/omega\_weber/js/ckeditor.styles.js



- Advanced options fieldset
- **Custom JavaScript configuration:**
  - `config.font_names = 'Arial, Helvetica Neue, Helvetica, sans-serif;LeagueGothicRegular, Helvetica Neue, Helvetica, Arial, sans-serif;OpenSansExtrabold, Verdana, Helvetica, sans-serif;ChunkFiveRegular, Georgia, Palatino, Times New Roman, serif';`
  - `config.colorButton_colors = '272727,92c5eb,f7941e';`

### Custom JavaScript configuration

```
config.font_names = 'Arial, Helvetica Neue, Helvetica,  
sans-serif;LeagueGothicRegular, Helvetica Neue, Helvetica, Arial,  
sans-serif;OpenSansExtrabold, Verdana, Helvetica, sans-serif;ChunkFiveRegular,  
Georgia, Palatino, Times New Roman, serif'; config.colorButton_colors =  
'272727,92c5eb,f7941e';
```

# Epilogue: Testing & training

- Clear caches
  - Drupal
  - Browser
- Create a reusable styles demo page

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= User-friendly rich  
text styling**

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