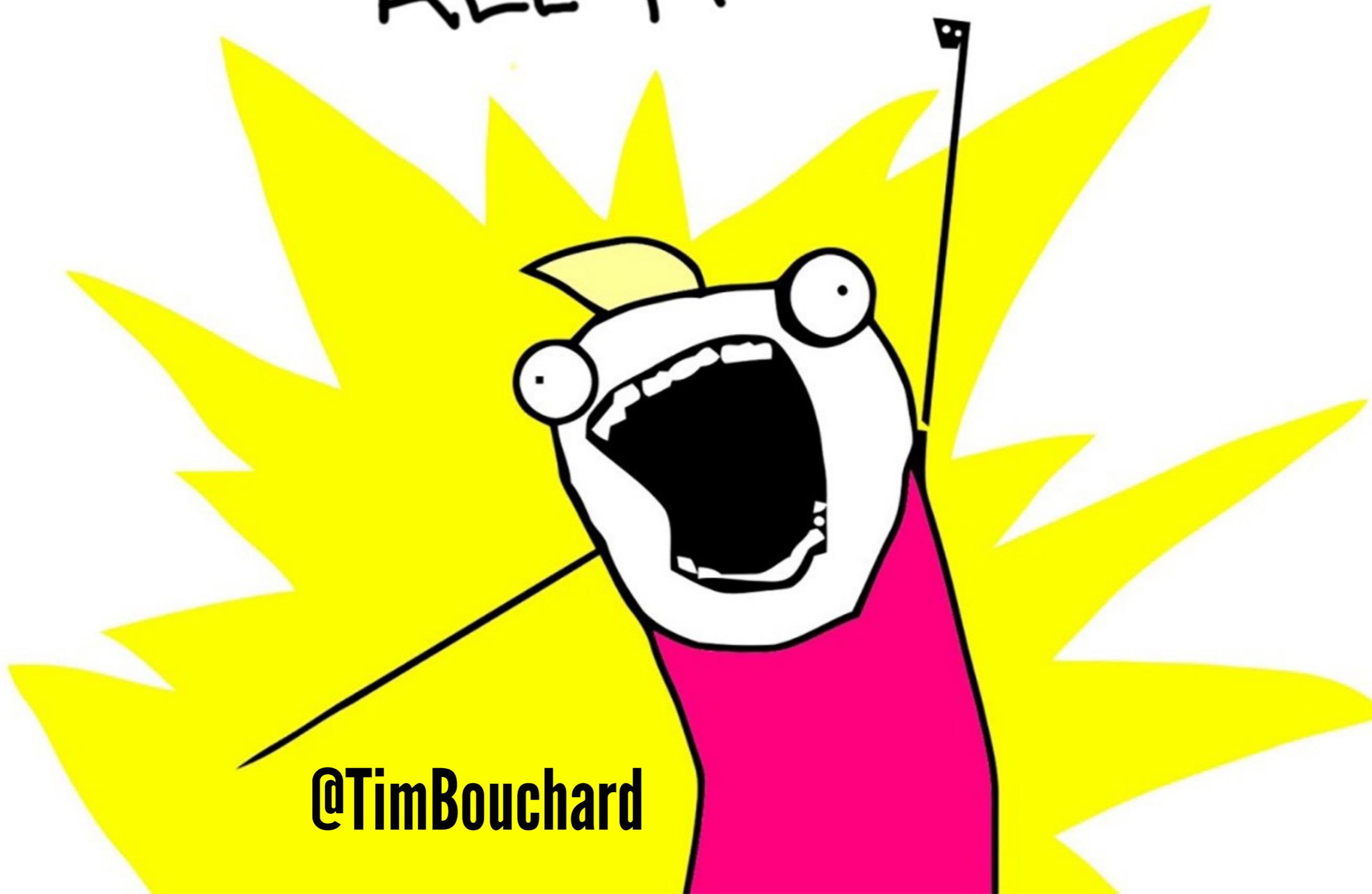


Customize
ALL THE THINGS!



@TimBouchard

THIS GUY =>



sharpcut
media



SCHOOL
2001-2005

FREELANCE
2007-2009

PARTNER
2010-FOREVER

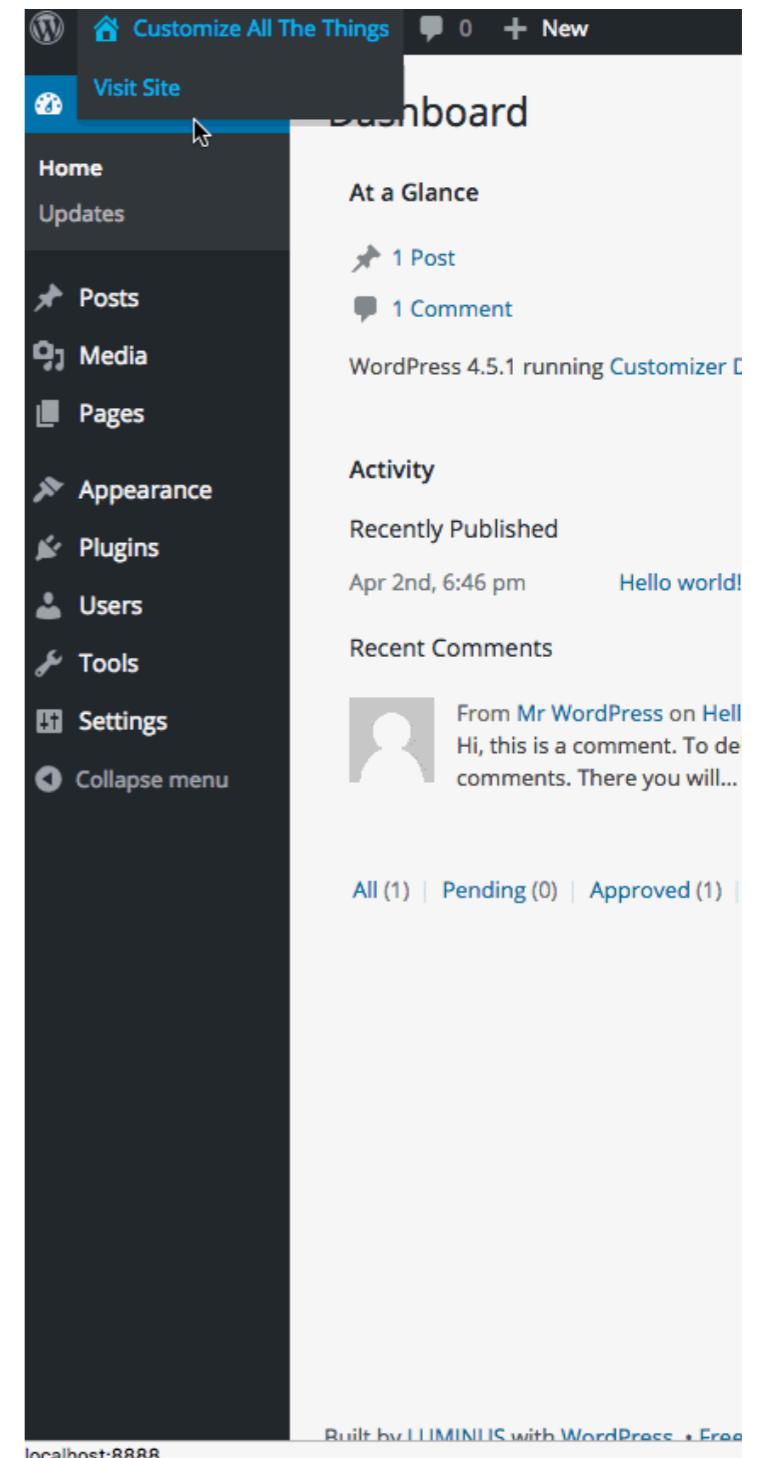


WHAT IS CUSTOMIZER?

Introduced in WordPress 3.4 “Green”

Developed to standardize theme style modification within the Dashboard

Added the ability to preview new theme styles before applying changes to the live site



COMMON USES

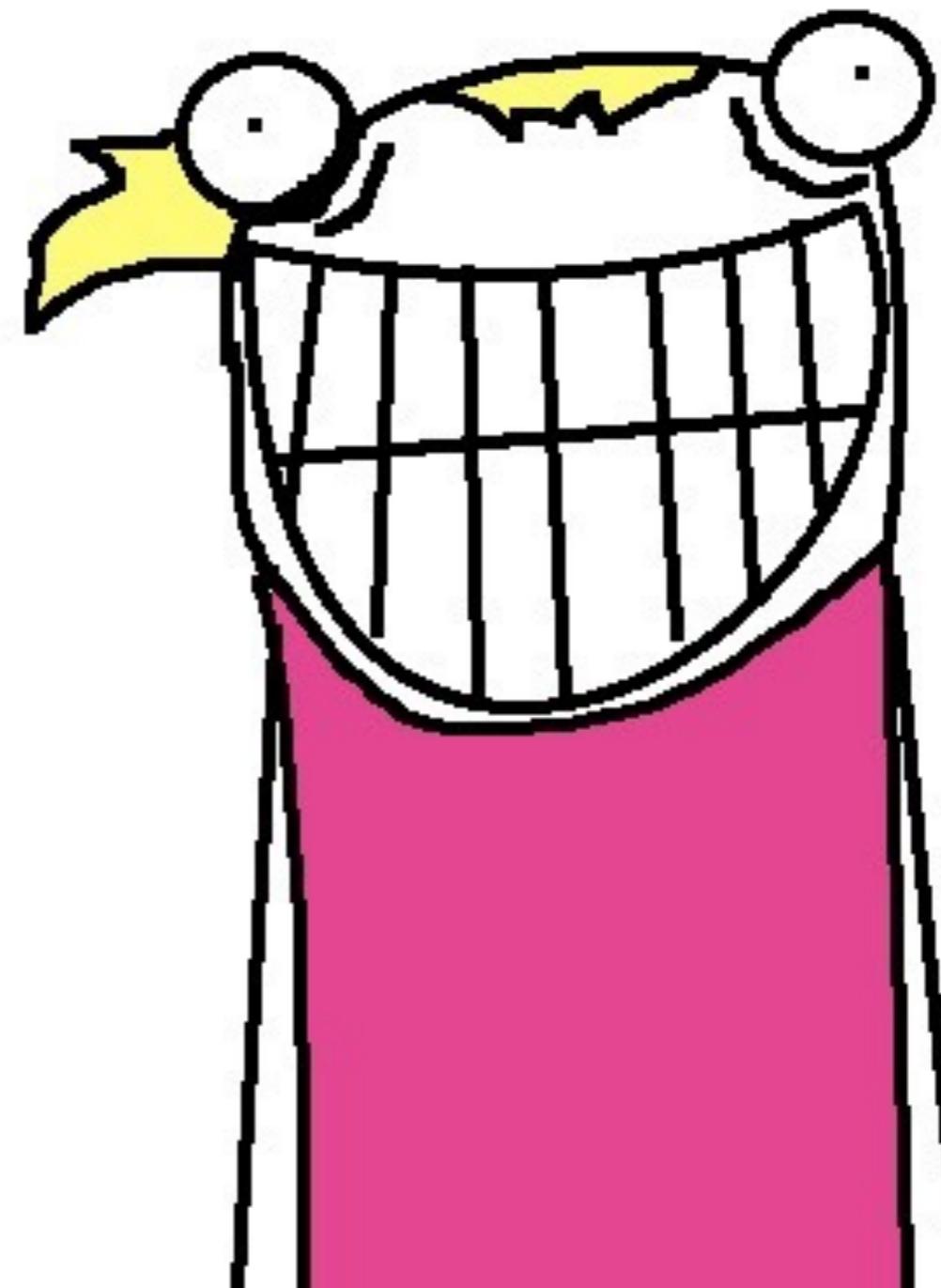
Global Settings

Global Content

Style Settings

Menus

Widgets



LIMITATIONS

Major Page Content

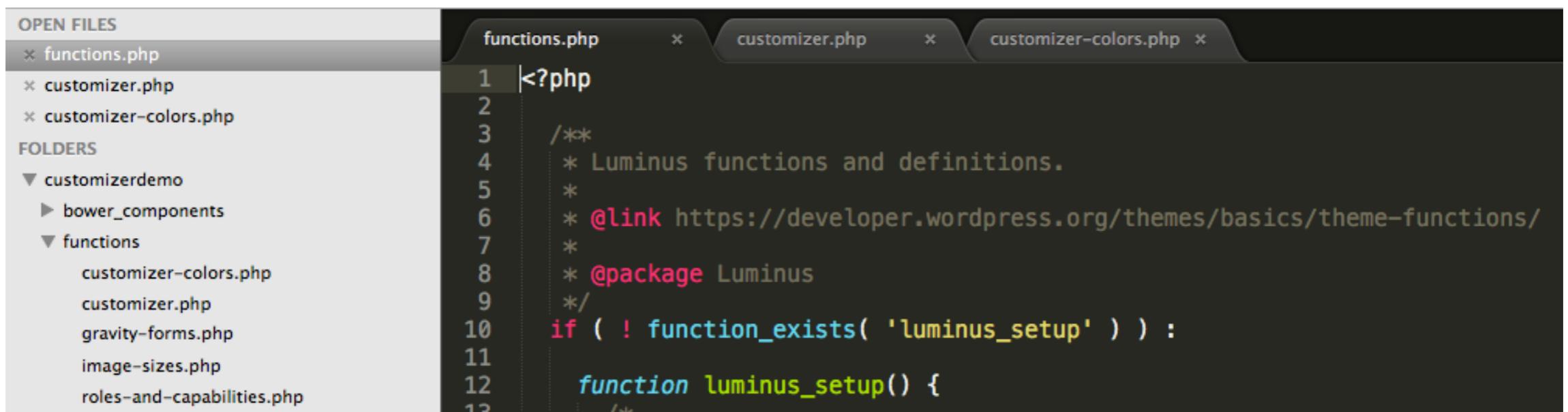
Creating Posts

Creating Pages



INITIAL SETUP

Grab the **functions.php** file or setup a **customizer.php** file as an include.



The screenshot shows a code editor interface with three tabs: "functions.php", "customizer.php", and "customizer-colors.php". The "functions.php" tab is active. On the left, there's a sidebar titled "OPEN FILES" listing files like "functions.php", "customizer.php", and "customizer-colors.php". Below that is a "FOLDERS" section with "customizerdemo" expanded, showing subfolders "bower_components" and "functions", and files "customizer-colors.php", "customizer.php", "gravity-forms.php", "image-sizes.php", and "roles-and-capabilities.php". The main code area displays the following PHP code:

```
1 <?php
2
3 /**
4 * Luminus functions and definitions.
5 *
6 * @link https://developer.wordpress.org/themes/basics/theme-functions/
7 *
8 * @package Luminus
9 */
10 if ( ! function_exists( 'luminus_setup' ) ) :
11     function luminus_setup() {
12         /*
13 */

The code includes a custom package declaration for "Luminus" and a conditional check for the existence of the "luminus_setup" function.
```

Using an include directory setup.

```
// Functions Files
foreach (glob(get_template_directory().'/functions/*.php') as $filename):
    include_once $filename;
endforeach;
```

CUSTOMIZER FUNCTION

Activate Customizer & Include \$wp_customize Object

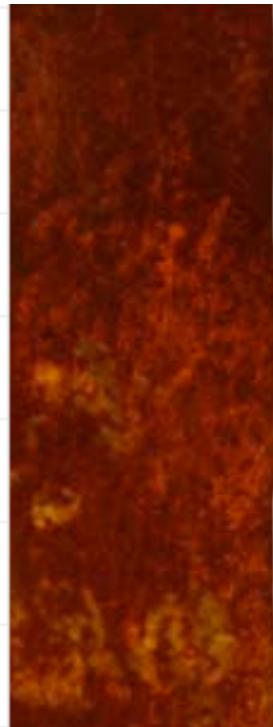
```
/**  
 * Activate the Theme Customizer  
 */  
  
function customizerdemo_customize($wp_customize){  
}
```

Register Customizer Using **customize_register** Hook

```
/**  
 * Register Customizer Settings  
 */  
add_action('customize_register', 'customizerdemo_customize');
```

Requires your customizer function name in the hook

CUSTOMIZER SECTIONS



The screenshot shows the WordPress Customizer sidebar on the left with the following sections listed:

- Site Identity
- Colors
- Header Image
- Background Image
- Menus
- Widgets
- Static Front Page

The "Navigation" section is currently selected, indicated by a grey border around its title and a corresponding tab in the main content area.

SERVICES

Melting Point has over 30 years of experience in original jewelry design. We specialize in:

- Hand Carved Original Designs
- Stone Setting
- Remounting
- Fabrication
- Expert Repairs
- Antique Jewelry Restoration
- Pearl Stringing
- Appraisals

Hide Default Customizer Sections Using `remove_section`

```
/**  
 * Remove Default Sections  
 */  
$wp_customize->remove_section('colors');  
$wp_customize->remove_section('background_image');  
$wp_customize->remove_section('header_image');  
// $wp_customize->remove_section('nav');  
$wp_customize->remove_section( 'menus' );  
$wp_customize->remove_section( 'static_front_page' );
```

Use Inspector to find the class name for the default section

```
><li id="accordion-section-static_front_page" class="accordion-section control-section control-section-default">...</li>
```

ADD A SECTION

Add New Sections Using `add_section`

```
/**  
 * Social Media Section  
 */  
$wp_customize->add_section( 'customizerdemo_social_settings' , array(  
    'title'      => __( 'Social Media Settings', 'customizerdemo' ),  
    'priority'   => 60,  
) );
```

Requires a section variable name and array of data:

title: section label and theme declaration

priority: determines the order in navigation

ADD A FIELD SETTING

Add Fields to Your Section Using `add_setting`

```
$wp_customize->add_setting( 'customizerdemo_facebook_url' , array(  
    'default'      => '',  
    'type'         => 'theme_mod',  
    'capability'   => 'edit_theme_options',  
    'theme_supports' => '',  
    'transport'    => 'refresh',  
) );
```

`add_setting` requires a field variable name and array of data:

Required:

`default`: an optional default value for the field

Optional:

`type`: theme_mod or option (defaults to theme_mod)

`capability`: user capability control (defaults to edit_theme_options)

`theme_supports`: used to hide the setting if the theme does not support it

`transport`: controls the live preview (defaults to refresh)

`sanitize_callback`: uses standard filter function

`sanitize_js_callback`: uses standard filter function

ADD A FIELD CONTROL

Add Options to Your Setting Using `add_control`

```
$wp_customize->add_control( new WP_Customize_Control( $wp_customize, 'customizerdemo_facebook_url', array(
    'label'          => __( 'Facebook URL', 'customizerdemo' ),
    'description'   => 'Enter full facebook link with "http://"',
    'section'        => 'customizerdemo_social_settings',
    'settings'       => 'customizerdemo_facebook_url',
) ) );
```

`add_control` requires a control class, the setting variable name, and array of data:

Required:

section: declares the section variable name the control is tied to

type: for `WP_Customize_Control`, declares type of field

settings: declares the setting variable name the control is tied to

Optional:

choices: an array of options for multiple choice fields

label: field title and theme declaration

description: instructional text (can include html)

WP_Customize_Control

```
$wp_customize->add_setting( 'customizerdemo_show_social' , array(  
    'default'      => 'visible',  
) );  
$wp_customize->add_control( new WP_Customize_Control( $wp_customize, 'customizerdemo_show_social', array(  
    'label'        => __( 'Show Social Icons', 'customizerdemo' ),  
    'description'  => '',  
    'section'      => 'customizerdemo_social_settings',  
    'settings'     => 'customizerdemo_show_social',  
    'type'         => 'radio',  
    'choices'      => array(  
        'visible'  => __( 'Visible' ),  
        'hidden'   => __( 'Hidden' )  
    )  
) );
```

Uses **type** variable to determine the field type

text (default - can be undeclared)

checkbox: requires a default value

radio: requires an array of choices

select: requires an array of choices

dropdown-pages

textarea (in WordPress 4.0+)

hidden

The screenshot shows the WordPress Customizer interface with several settings panels:

- Site Owner**: A text input field containing "White Castle".
- Show Site Author**: A checked checkbox.
- Site Author Credit Type**: A dropdown menu set to "Website by".
- Site Author**: A text input field containing "Timmay".
- Site Author URL**: A text input field with placeholder text "Enter full link with 'http://'" and a value "http://www.geocities.com/timmay".
- Hidden Test**: A text area containing the text "Maybe this is just a directions text block to [Tell you to go here](#)".

WP_Customize_Control

RADIO BUTTON

```
$wp_customize->add_setting( 'customizerdemo_show_social' , array(
    'default'      => 'visible',
) );
$wp_customize->add_control( new WP_Customize_Control( $wp_customize, 'customizerdemo_show_social', array(
    'label'        => __( 'Show Social Icons', 'customizerdemo' ),
    'description'  => '',
    'section'      => 'customizerdemo_social_settings',
    'settings'     => 'customizerdemo_show_social',
    'type'         => 'radio',
    'choices'      => array(
        'visible' => __( 'Visible' ),
        'hidden'   => __( 'Hidden' )
    )
) );
```

type => 'radio'

choices => takes an array ()

'variable' => __('Label')

Show Social Icons

- Visible
- Hidden

WP_Customize_Control

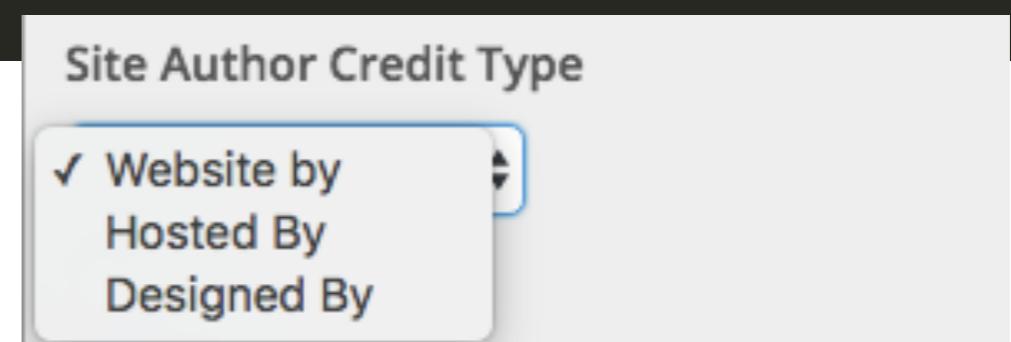
SELECT BOX

```
$wp_customize->add_setting( 'customizerdemo_credit_type' , array(  
    'default' => 'website_by',  
) );  
$wp_customize->add_control( new WP_Customize_Control( $wp_customize, 'customizerdemo_credit_type', array(  
    'label'          => __( 'Site Author Credit Type', 'customizerdemo' ),  
    'description'   => '',  
    'section'        => 'customizerdemo_credits',  
    'settings'       => 'customizerdemo_credit_type',  
    'type'           => 'select',  
    'choices'        => array(  
        'website_by'  => __( 'Website by' ),  
        'hosted_by'    => __( 'Hosted By' ),  
        'designed_by' => __( 'Designed By' )  
    )  
) );
```

type => 'select'

choices => takes an array ()

'variable' => __('Label')



WP_Customize_Control

CHECKBOX

```
$wp_customize->add_setting( 'customizerdemo_credits_site_author' , array(  
    'default' => '',  
) );  
$wp_customize->add_control( new WP_Customize_Control( $wp_customize, 'customizerdemo_credits_site_author',  
    array(  
        'label'      => __( 'Site Author', 'customizerdemo' ),  
        'description' => '',  
        'section'     => 'customizerdemo_credits',  
        'settings'    => 'customizerdemo_credits_site_author',  
    ) ) );
```



Returns default value if selected

```
<?php if(get_theme_mod('customizerdemo_show_author')=="checked"){ ?>
```

WP_Customize_Control

HIDDEN

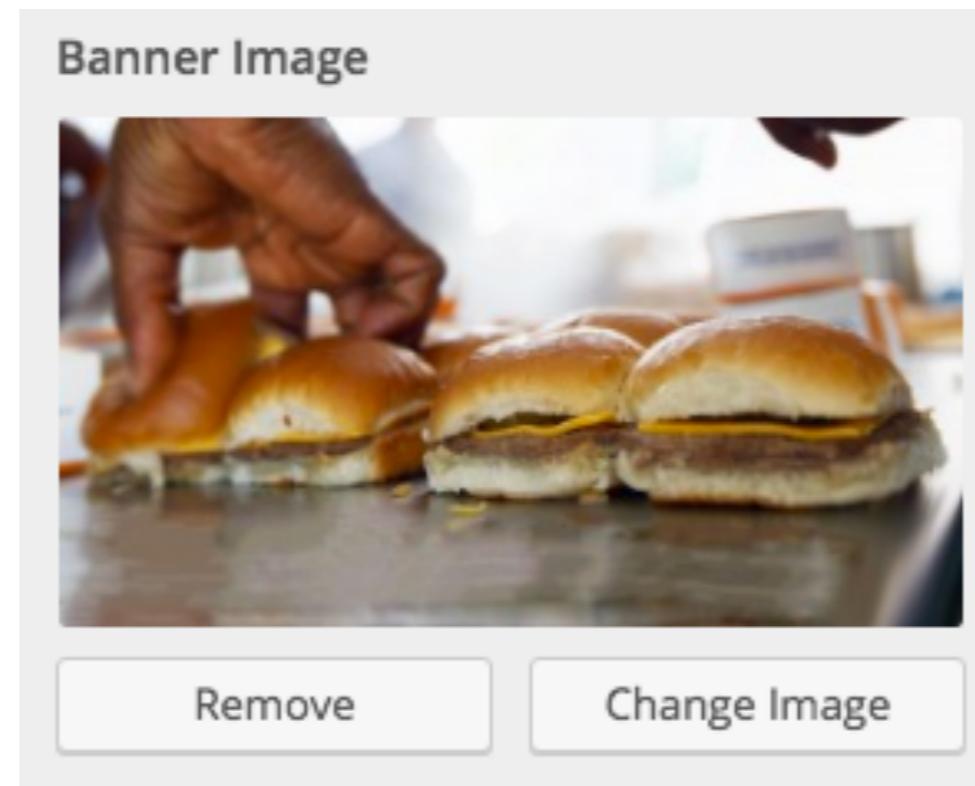
```
$wp_customize->add_setting( 'customizerdemo_credits_hidden' , array(
    'default' => '',
) );
$wp_customize->add_control( new WP_Customize_Control( $wp_customize, 'customizerdemo_credits_hidden', array
(
    'label'      => __( 'Hidden Field', 'customizerdemo' ),
    'description' => 'Maybe this is just a directions text block to <a href="/wp-admin/edit.
        php?post_type=page">Tell you to go here</a>.',
    'section'     => 'customizerdemo_credits',
    'settings'    => 'customizerdemo_credits_hidden',
    'type'        => 'hidden',
) ) );
```

Hidden Field

Maybe this is just a directions text block to [Tell you to go here](#).

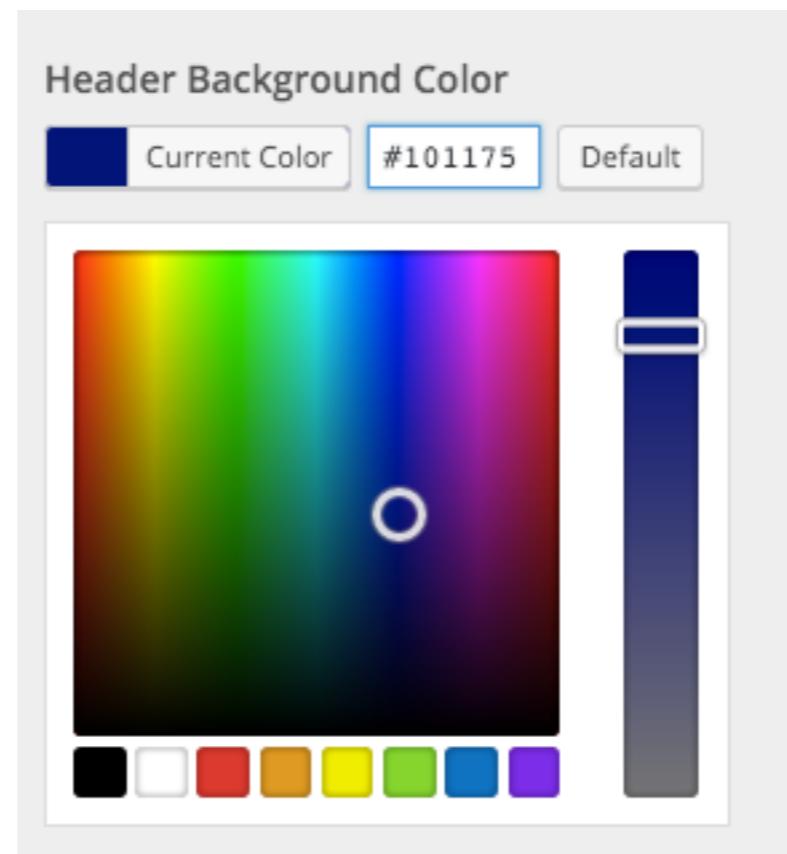
WP_Customize_Image_Control

```
$wp_customize->add_setting( 'customizerdemo_banner_image' , array(  
    'default' => '',  
) );  
$wp_customize->add_control( new WP_Customize_Image_Control( $wp_customize, 'customizerdemo_banner_image',  
array(  
    'label'      => __( 'Banner Image', 'customizerdemo' ),  
    'description' => '',  
    'section'     => 'customizerdemo_banner',  
    'settings'    => 'customizerdemo_banner_image',  
) ) );
```



WP_Customize_Color_Control

```
$wp_customize->add_setting( 'header_bg_color' , array(  
    'default'      => '#101175',  
    'type'         => 'option',  
    'capability'   => 'edit_theme_options'  
) );  
  
$wp_customize->add_control( new WP_Customize_Color_Control( $wp_customize, 'header_bg_color',  
    array('label'  => __( 'Header Background Color', 'customizerdemo' ),  
          'description' => '',  
          'section'     => 'themecolors',  
          'settings'    => 'header_bg_color'  
) ) );
```



NOW WHAT?

Once you've defined all the Customizer sections and settings it's time to implement them within the theme itself.

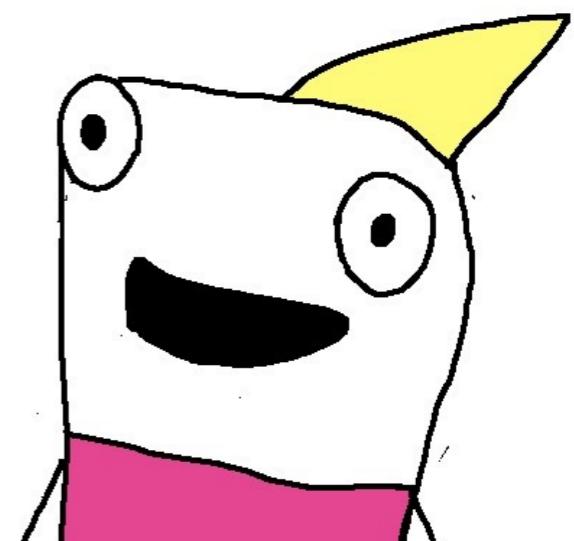


THEME USAGE

`get_theme_mod` used to pull customizer data into theme files

```
<div class="social">
  <?php if(get_theme_mod('customizerdemo_show_social') == 'visible'){ ?>
    <?php if(get_theme_mod('customizerdemo_facebook_url') != ''){ ?>
      <a href="<?php echo get_theme_mod('customizerdemo_facebook_url'); ?>" title="Facebook" rel="nofollow" target="_blank"><i class="fa fa-facebook"></i></a>
    <?php } ?>
    <?php if(get_theme_mod('customizerdemo_twitter_url') != ''){ ?>
      <a href="<?php echo get_theme_mod('customizerdemo_twitter_url'); ?>" title="Twitter" rel="nofollow" target="_blank"><i class="fa fa-twitter"></i></a>
    <?php } ?>
    <?php if(get_theme_mod('customizerdemo_instagram_url') != ''){ ?>
      <a href="<?php echo get_theme_mod('customizerdemo_instagram_url'); ?>" title="Instagram" rel="nofollow" target="_blank"><i class="fa fa-instagram"></i></a>
    <?php } ?>
  <?php }else{ echo " "; } ?>
</div>
```

Yes, it's that easy.



x

Save & Publish

You are customizing
Customize All The Things

Active theme
Customizer Demo

Site Identity >

Theme Colors >

Logos >

Social Media Settings >

Home Banner > Hand icon

Credits >

Menus >

Widgets >

Collapse Monitor icon Print icon Search icon

GREASE DONE RIGHT!

HOME MENU LOCATIONS BLOG

f t i

INCLUDING STYLES

Create a function to house PHP color variables

```
function customizerdemo_customize_colors() {  
    // HEADER  
    $header_bg_color = get_option( 'header_bg_color' );
```

Close PHP and open a style tag

```
?>  
<style>  
  
/* customizer theme colors */  
  
/* HEADER */  
header {  
    background-color: <?php echo $header_bg_color; ?>;  
}  
  
</style>  
  
<?php
```

Close the function and hook it into the header

```
}  
add_action( 'wp_head', 'customizerdemo_customize_colors' );
```

x

Save & Publish

Customizing
Theme Colors

Header Background Color

Select Color

Nav Link Color

Select Color

Nav Link Color (on hover)

Select Color

Nav Background Color (mobile)

Select Color

Nav Background Color (on hover -
mobile)

Select Color

Banner Text Color

Select Color

Features Background Color

Select Color

Features Text Color

Select Color

Main Background Color

Select Color

Text Color

Collapse

Save & Publish



[HOME](#) [MENU](#) [LOCATIONS](#) [BLOG](#)


GREASE DONE RIGHT YEAH!



x Saved

Customizing
Theme Colors

Header Background Color Select Color

Nav Link Color Select Color

Nav Link Color (on hover) Select Color

Nav Background Color (mobile) Select Color

Nav Background Color (on hover - mobile) Select Color

Banner Text Color Select Color

Features Background Color Select Color

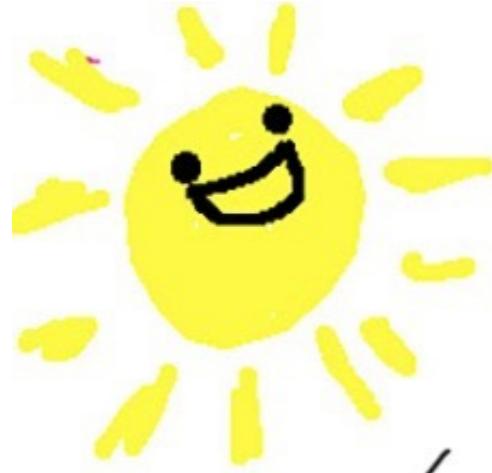
Features Text Color Select Color

Main Background Color Select Color

Text Color Select Color

Collapse Fullscreen Fit Original

The image shows a screenshot of the White Castle website's theme customization interface. On the left, there's a sidebar with various color selection tools and a 'Saved' button at the top. The main area features the White Castle logo at the top right of a dark blue header bar. Below the header is a large banner image of several greasy burgers. Overlaid on the banner is the slogan 'GREASE DONE RIGHT YEAH!' in large, bold, white letters. The bottom of the page has a dark blue footer bar with three small images of burgers.



Customize EVERYTHING

Lex's



X

Save & Publish

NAV BACKGROUND COLOR (mobile)

Select Color

Nav Background Color (on hover - mobile)

Current Color #a219c1 Default



Banner Text Color

Select Color

Features Background Color

Select Color

Features Text Color

Select Color

Main Background Color

Select Color

Home

Menu

Locations







WITH GREAT POWER

COMES GREAT RESPONSIBILITY

Use Customizer Wisely

Not all Users can handle it

Main Reusable Colors

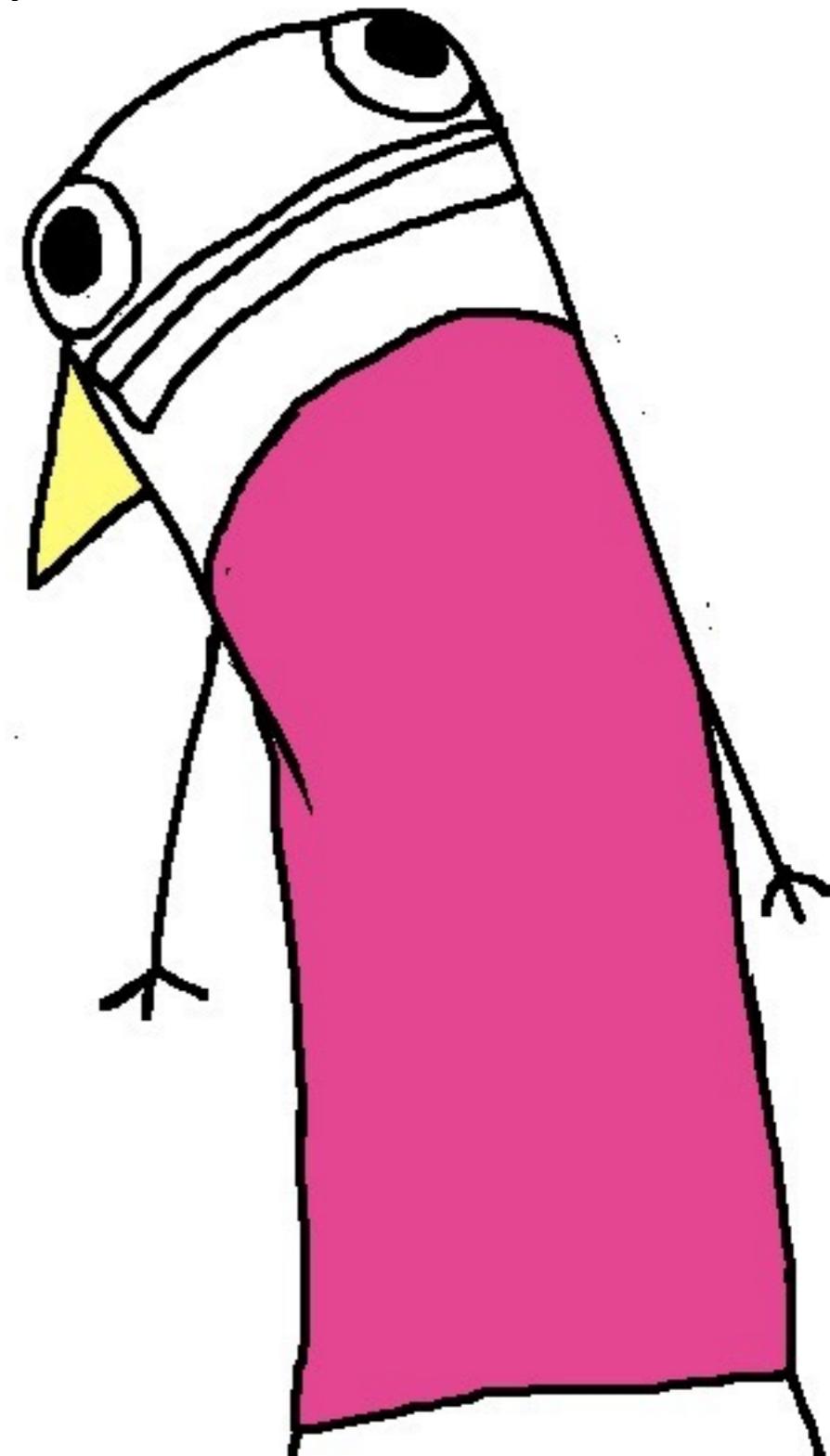
Titles, Links, Primary, Secondary

Global Content Elements

Social Links, Credits, Element Toggling

Global Design Elements

Banners, Backgrounds



NOW GO CUSTOMIZE!

SLIDES => tinyurl.com/wcbuf-customizer



@TimBouchard
@LuminusMedia

Killer Cartoons from
“Hyperbole and a Half”



facebook.com/groups/shoptalkbuffalo/