

## 0401 How WP Uses Themes.mp4

- Steps
  - User Browser to Wordpress Core files
  - Wordpress Core to Theme Templates Files/Plugins
    - Do you have this file?
  - Theme Templates Files/Plugins to Wordpress Core
    - I need this information? This is done to query
  - Wordpress Core to database
    - Process the information in the database
  - Database back to Theme Template Files/Plugins
    - Puts the Data into HTML
  - Theme Template Files/Plugins to Wordpress Core for Presentation

## 0402 What is in a Theme.mp4

- Location: wp-content/themes/themename
- Require:
  - index.php
  - style.css

A basic WordPress theme:

header.php  
footer.php  
sidebar.php  
comments.php  
style.css

page.php  
single.php  
archive.php

functions.php

images folder

• Javascript folder

## 0403 Template Hierarchy.mp4

When Wordpress Query:

- Slug – category-internet-marketing.php
- Category ID – category-6.php
- Category.php
- Archive.php
- Index.php

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

For More Information: [http://codex.wordpress.org/File:Template\\_Hierarchy.png](http://codex.wordpress.org/File:Template_Hierarchy.png)

## 0404 Layout Template Files.mp4



Create: header.php, sidebar.php, footer.php, content.php

- Header.php
  - Header area must have wp\_head()  
`<body <?php body_class(); ?>>`  
`<div id="wrapper" class="hfeed">`  
`<div id="header">`  
`<div id="masthead">`  
`<div id="branding" role="banner">`
  - Example: to insert default wordpress class
- `get_sidebar( 'footer' );`
  - sidebar-footer.php
- `wp_footer();`  
`?>`
- `</body>`
  - insert wp\_footer before the last page

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

```

if ( ! dynamic_sidebar( 'primary-widget-area' ) ) : ?>

<li id="search" class="widget-container wicget_search">
    <?php get_search_form(); ?>
</li>

<li id="archives" class="widget-container">
    <h3 class="widget-title"><?php _e( 'Archives', 'twentyten' ); ?></h3>
    <ul>
        <?php wp_get_archives( 'type=monthly' ); ?>
    </ul>
</li>

<li id="meta" class="widget-container">
    <h3 class="widget-title"><?php _e( 'Meta', 'twentyten' ); ?></h3>
    <ul>
        <?php wp_register(); ?>
        <li><?php wp_loginout(); ?></li>
        <?php wp_meta(); ?>
    </ul>
</li>

<?php endif; // end primary widget area ?>
</ul>

```

- </div><!-- #primary .widget-area -->
  - Creating Fallback

Look at wordpress default theme to learn more

## 0405 Stylesheets.mp4

```

/*
Theme Name: Twenty Ten
Theme URI: http://wordpress.org/
Description: The 2010 theme for WordPress is stylish, customizable, simple, and
readable -- make it yours with a custom menu, header image, and background.
Twenty Ten supports six widgetized areas (two in the sidebar, four in the
footer) and featured images (thumbnails for gallery posts and custom header
images for posts and pages). It includes stylesheets for print and the admin
Visual Editor, special styles for posts in the "Asides" and "Gallery"
categories, and has an optional one-column page template that removes the
sidebar.
Author: the WordPress team
Version: 1.2
License: GNU General Public License
License URI: license.txt
Tags: black, blue, white, two-columns, fixed-width, custom-header,
custom-background, threaded-comments, sticky-post, translation-ready,
microformats, rtl-language-support, editor-style, custom-menu
*/

```

- Mandatory
- Wordpress Generated Classes:
  - [http://codex.wordpress.org/Function\\_Reference/post\\_class](http://codex.wordpress.org/Function_Reference/post_class)
- Wordpress Convention

```
<div id="post-<?php the_ID(); ?>" <?php post_class(); ?>>
<?php if ( is_front_page() ) { ?>
    <h2 class="entry-title"><?php the_title(); ?></h2>
<?php } else { ?>
    <h1 class="entry-title"><?php the_title(); ?></h1>
<?php } ?>
```

○ `<div class="entry-content">`

- Post Format CSS

○ `/* =Gallery listing`

```
.format-gallery .size-thumbnail img,
.category-gallery .size-thumbnail img {
    border: 10px solid #f1f1f1;
    margin-bottom: 0;
}
.format-gallery .gallery-thumb,
.category-gallery .gallery-thumb {
    float: left;
    margin-right: 20px;
    margin-top: -4px;
}
.home #content .format-gallery .entry-utility,
.home #content .category-gallery .entry-utility {
    padding-top: 4px;
}
```

- `• Print CSS`

○ `/* =Print Style`

```
@media print {
    body {
        background: none !important;
    }
    #wrapper {
        clear: both !important;
        display: block !important;
        float: none !important;
        position: relative !important;
    }
    #header {
        border-bottom: 2pt solid #000;
        padding-bottom: 18pt;
    }
}
```

- `• Editor-style.css`

```

function twentyten_setup() {
    // This theme styles the visual editor with editor-style.css to match the theme style.
    add_editor_style();
}

// Post Format support. You can also use the legacy "gallery" or "esides" (note the plural) categories.
add_theme_support( 'post-formats', array('aside', 'gallery') );

// This theme uses post thumbnails
add_theme_support( 'post-thumbnails' );

// Add default posts and comments RSS feed links to head
add_theme_support( 'automatic-feed-links' );

// Make theme available for translation
// Translations can be filed in the /languages/ directory
load_theme_textdomain('twentyten', TEMPLATEPATH . '/languages');

$locale = get_locale();

```

- ■    inside function.php

## 0406 Single and Page Templates.mp4

- single.php

```

single.php : (no symbol selected) : |>
<?php
/**
 * The Template for displaying all single posts.
 *
 * @package WordPress
 * @subpackage Twenty_Ten
 * @since Twenty Ten 1.0
 */

get_header(); ?>

<div id="container">
    <div id="content" role="main">

        <?php
        /* Run the loop to output the post.
         * If you want to overload this in a child theme then include a file
         * called loop-single.php and that will be used instead.
        */
        get_template_part( 'loop' );
    ?>

        </div><!-- #content -->
    </div><!-- #container -->

    <?php get_sidebar(); ?>
    <?php get_footer(); ?>

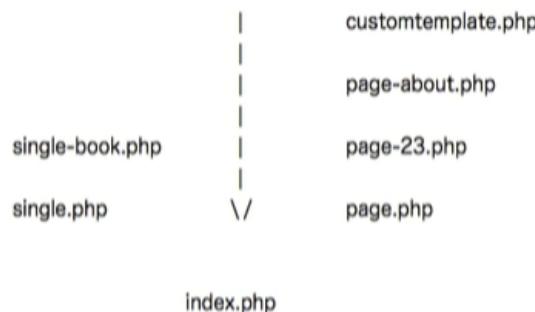
```

- ■    looks for loop-single.php

```
loop-single.php : (no symbol selected) :  
* @since Twenty Ten 1.2  
*/  
>  
<?php if ( have_posts() ) while ( have_posts() ) : the_post(); ?>  
  
    <div id="nav-above" class="navigation">  
        <div class="nav-previous"><?php previous_post_link( '%<br />  
        <div class="nav-next"><?php next_post_link( '%link', '%<br />  
    </div><!-- #nav-above -->  
  
    <div id="post-<?php the_ID(); ?>" <?php post_class(); ?>>
```

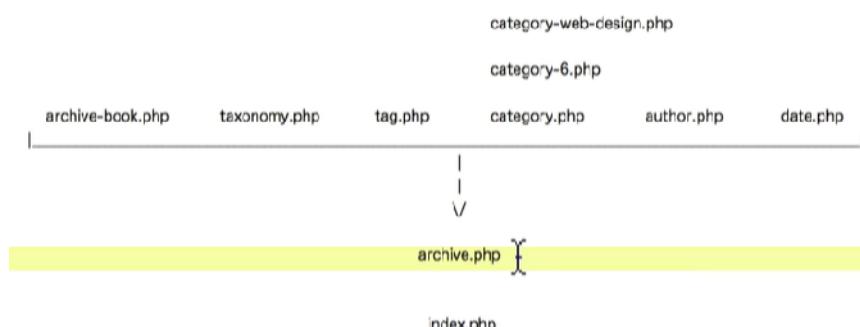
- page.php
  - Template Hierarchy

## SINGLE.PHP and PAGE.PHP in the Template Hierarchy



0407 Category and Archive Templates.mp4

## Displaying Multiple Posts in the Template Hierarchy



Archive.php

```

<h1 class="page-title">
<?php if ( is_day() ) : ?>
    <?php printf( __( 'Daily Archives: <span>%s</span>', 'twentyten' ), get_the_date() ); ?>
<?php elseif ( is_month() ) : ?>
    <?php printf( __( 'Monthly Archives: <span>%s</span>', 'twentyten' ), get_the_date( 'F Y' ) ); ?>
<?php elseif ( is_year() ) : ?>
    <?php printf( __( 'Yearly Archives: <span>%s</span>', 'twentyten' ), get_the_date( 'Y' ) ); ?>
<?php else : ?>
    <?php _e( 'Blog Archives', 'twentyten' ); ?>
<?php endif; ?>
</h1>

<?php
/* Since we called the_post() above, we need to
 * rewind the loop back to the beginning that way
 * we can run the loop properly, in full.
 */
rewind_posts();

/* Run the loop for the archives page to output the posts.
 * If you want to overload this in a child theme then include a file
 * called loop-archive.php and that will be used instead.
 */
get_template_part( 'loop', 'archive' );

```

- looks for loop-archive but if it doesn't exist it will use loop.php

## Category.php

```

<div id="content" role="main">

<h1 class="page-title"><?php
    printf( __( 'Category Archives: %s', 'twentyten' ), '<span>' . single_cat_title( '', false ) . '</span>' );
?></h1>
<?php
    $category_description = category_description();
    if ( ! empty( $category_description ) )
        echo '<div class="archive-meta">' . $category_description . '</div>';

/* Run the loop for the category page to output the posts.
 * If you want to overload this in a child theme then include a file
 * called loop-category.php and that will be used instead.
 */
get_template_part( 'loop', 'category' );
?>

</div><!-- #content -->

```

- if there is a category description, display it

## 0408 Loop Templates.mp4

```

get_header(); ?>

<div id="container">
    <div id="content" role="main">

<?php if ( have_posts() ) while ( have_posts() ) : the_post(); ?>

    <div id="nav-above" class="navigation">
        <div class="nav-previous"><?php previous_post_link( '%link', '<span class="meta-nav">' . _x( '&larr;', 'Previous post' ) ); ?>

```

```

<div class="nav-next"><?php next_post_link( '%link', '%title <span class="meta-nav">' . _x( '&rarr;', 'Next post link' ) . '</span>' );
</div><!-- #nav-above -->

<div id="post-<?php the_ID(); ?>" <?php post_class(); ?>>
<h1 class="entry-title"><?php the_title(); ?></h1>

<div class="entry-meta">
<?php twentyten_posted_on(); ?>
</div><!-- .entry-meta -->

<div class="entry-content">
<?php the_content(); ?>
<?php wp_link_pages( array( 'before' => '<div class="page-link">' . __( 'Pages:', 'twentyten' ), 'after' => '</div>' ) );
</div><!-- .entry-content -->

<?php if ( get_the_author_meta( 'description' ) ) : // If a user has filled out their description, show a bio on their entries ?>
<div id="entry-author-info">
<div id="author-avatar">
<?php echo get_avatar( get_the_author_meta( 'user_email' ), apply_filters( 'twentyten_author_bio_avatar_size', 90 ) );
</div><!-- #author-avatar -->
<div id="author-description">
<h2><?php printf( esc_attr__( 'About %s', 'twentyten' ), get_the_author() ); ?></h2>
<?php the_author_meta( 'description' ); ?>
<div id="author-link">
<a href=<?php echo get_author_posts_url( get_the_author_meta( 'ID' ) ); ?>>
<?php printf( __( 'View all posts by %s <span class="meta-nav">&rarr;</span>', 'twentyten' ), get_the_author() );
</a>
</div><!-- #author-link -->
</div><!-- #author-description -->
</div><!-- #entry-author-info -->
<?php endif; ?>

<div class="entry-utility">
<?php twentyten_posted_in(); ?>
<?php edit_post_link( __( 'Edit', 'twentyten' ), '<span class="edit-link">' . '</span>' );
</div><!-- .entry-utility -->
</div><!-- #post-## -->

<div id="nav-below" class="navigation">
<div class="nav-previous"><?php previous_post_link( '%link', '<span class="meta-nav">' . _x( '&larr;', 'Previous post link' ) . '</span>' );
<div class="nav-next"><?php next_post_link( '%link', '%title <span class="meta-nav">' . _x( '&rarr;', 'Next post link' ) . '</span>' );
</div><!-- #nav-below -->

<?php comments_template( '', true ); ?>

<?php endwhile; // end of the loop. ?>
• get_template_part( 'loop', 'category' );
    ○ If I can't find loop-category.php, it will use loop.php

```

## 0409 Functions.mp4

- To place php functions to turn on/off wordpress defaults (functionalities)

```

function twentyten_setup() {

    // This theme styles the visual editor with editor-style.css to match the theme style.
    add_editor_style();

    // Post Format support. You can also use the legacy "gallery" or "asides" (note the plural) categories.
    add_theme_support( 'post-formats', array( 'aside', 'gallery' ) );

    // This theme uses post thumbnails
    add_theme_support( 'post-thumbnails' ); }

    // Add default posts and comments RSS feed links to head
    add_theme_support( 'automatic-feed-links' );

    // Make theme available for translation
    // Translations can be filed in the /languages/ directory
    load_theme_textdomain( 'twentyten', TEMPLATEPATH . '/languages' );

    $locale = get_locale();
    $locale_file = TEMPLATEPATH . "/languages/$locale.php";
}

○
● To Register Navigation Area
    // This theme uses wp_nav_menu() in one location.
    register_nav_menus( array(
        'primary' => __( 'Primary Navigation', 'twentyten' ),
    ) );

```

## 0410 Other Basic Templates.mp4

- comments.php
- 404.php
- author.php
- loop-tag.php
- attachment.php

## 0411 WP Generated CSS Classes.mp4

- <div id="post-<?php the\_ID(); ?>" <?php post\_class(); ?>>
- <body <?php body\_class(); ?>>

The three template tags which add WordPress-generated class attributes:

- body\_class()
- post\_class()
- comment\_class()

## 0412 Child Themes.mp4

## WHAT IS A CHILD THEME?

reside in a folder inside the wp-content/themes directory

use the theme files of their parent



but override those files if one is included in the child theme - version of hierarchy

one exception is functions.php - it's combined with the parent file

style.css is the only file a child theme MUST have

can have as many additional files as you want

## WHY USE CHILD THEMES?

easy way to get into WordPress

speeds development

preserves the parent theme files

```
/*
Theme Name: Client Child Theme
Theme URL: http://mydomain.com/
Description: This is a Child theme of the TwentyTen theme. < WARNING: this
theme contains customizations which will be lost if you simply switch themes.
To maintain the customizations, make a copy of this theme and rename it, then
make design or other changes >.
Author: Me
Version: 1.0
Template: twentyten
*/
```

```
@import url("../twentyten/style.css");
```

0414 Example Theme Framework.mp4

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

## WHAT ARE THEME FRAMEWORKS?

parent themes on steroids

parent themes with a lot of options

they're meant to be parent themes

typically include:

- multiple layout options (CSS files)

- lots of widgetized areas

- a variety of page templates

- built-in hooks

- - additional built-in CSS classes

## WHY USE A THEME FRAMEWORK?

often better thought out than a regular theme

there's always customization needed - frameworks make it easier

frameworks often have a larger community of support

- a framework is a consistent base from which to work

## THINGS TO CONSIDER WHEN CHOOSING A FRAMEWORK

you need to be comfortable with a framework - it's another layer of constraint

frameworks may help with layout to some extent, but design is design

make sure the framework is high quality

- flexible
- well thought out
- meets web standards
- secure

- Theme Framework Sample
  - Thematic
  - Theme Hybrid
  - Gantry

0801 PHP Basics pt 1.mp4

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

## Basic Syntax of PHP

.php every file that's going to use PHP must end in this extension

<?php code goes here ?> every block of code has to be enclosed this way

; every line of code must end with a semi-colon

// A comment allows us to make our coding clearer

```
/*
It's easier to enclose
a long comment using
this format
*/
```

Using variables in PHP

\$ variables start with the dollar sign | }

= this is the operator for assigning values to a variable

```
$myName = "George";
$myNumber = 5;
```

\$myname \$myName \$my-name \$my\_name NOT \$my name or \$MYNAME

## The IF Statement in PHP

```
<?php if ( condition to be met ) :
    do something
endif; ?>
```

```
<?php if ( $a > 10 ) :
    print 'The number is larger than 10';
endif; ?>
```

```
<?php if ( $a > 10 ) {
    print 'The number is larger than 10';
} ?>
```

```
<?php if ( $a > 10 ) : ?>
<div class="result">
<p>The number is larger than 10.</p>
</div>
<?php endif; ?>
```

```
<?php if ( I have_posts() ) : ?>
```

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

### The IF...ELSE Statement in PHP

```
<?php if ( condition to be met ) :  
    do something  
    else :  
        do something different  
    endif; ?>  
  
<?php if ( $a > 10 ) : ?>  
    <div class="result">  
        <p>The number is larger than 10.</p>  
    </div>  
<?php else : ?>  
    <div class="result">  
        <p>The number is 10 or less.</p>  
    </div>  
<?php endif; ?>  
  
<?php if ( is_archive() || is_search() ) : // Display excerpts for archives and search. ?>  
    <div class="entry-summary">  
        <?php the_excerpt(); ?>  
    </div><!-- .entry-summary -->  
<?php else : ?>  
    <div class="entry-content">  
        <?php the_content( __( 'Continue reading <span class="meta-nav">&rarr;</span>', 'twen  
</div><!-- .entry-content -->  
<?php endif; ?>
```

### The IF...ELSEIF...ELSE Statement in PHP

```
<?php if ( condition to be met ) :  
    do something  
elseif ( another condition to meet ) :  
    do something different  
else :  
    do yet another thing  
endif; ?>  
  
<?php if ( $a > 10 ) : ?>  
    <div class="result">  
        <p>The number is larger than 10.</p>  
    </div>  
<?php elseif ( $a == 10 ) : ?>  
    <div class="result">  
        <p>The number is 10.</p>  
    </div>  
<?php else : ?>  
    <div class="result">  
        <p>The number is less than 10.</p>  
    </div>  
<?php endif; ?>
```

## The IF...ELSEIF...ELSE Statement in PHP

```
<?php if ( condition to be met ) :  
    do something  
    elseif ( another condition to meet ) :  
        do something different  
    else :  
        do yet another thing  
    endif; ?>  
  
<?php if ( $a > 10 ) : ?>  
    <div class="result">  
        <p>The number is larger than 10.</p>  
    </div>  
<?php elseif ( $a == 10 ) : ?>  
    <div class="result">  
        <p>The number is 10.</p>  
    </div>  
<?php else : ?>  
    <div class="result">  
        <p>The number is less than 10.</p>  
    </div>  
<?php endif; ?>
```

## The WHILE Statement in PHP

```
<?php while ( condition to be met ) :  
    do something over and over  
endwhile; ?>  
  
<?php while ( have_posts() ) : the_post(); ?>  
    <div id="post-<?php the_ID(); ?>" <?php post_class(); ?>>  
  
<?php if ( is_archive() || is_search() ) : // Display excerpts for archives and search. ?>  
    <div class="entry-summary">  
        <?php the_excerpt(); ?>  
    </div><!-- .entry-summary -->  
<?php else : ?>  
    <div class="entry-content">  
        <?php the_content( __( 'Continue reading <span class="meta-nav">&rarr;</span>', 'twentyten' ) ); ?>  
    </div><!-- .entry-content -->  
<?php endif; ?>  
  
    <div class="entry-utility">  
        <?php twentyten_posted_on(); ?>  
        <span class="meta-sep">|</span>  
        <span class="comments-link"><?php comments_popup_link( __( 'Leave a comment', 'twentyten' ),  
            <?php edit_post_link( __( 'Edit', 'twentyten' ), '<span class="meta-sep">|</span> <span class='>  
        </div><!-- .entry-utility -->  
    </div><!-- #post-## -->  
<?php endwhile; ?>
```

## 0803 Common PHP Errors.mp4

## Common errors in PHP

Using = instead of ==	
Missing semi-colon	<?php \$myImage = wp_get_attachment_image( 4 ) ?>
Misspelling a variable	<?php \$image_name = "My dog"; print 'The title is ' . \$imag_name; ?>
Unescaped quotes	<?php print 'My dog's called Spot';?>
Missing bracket	<?php if ( is_category(45) : ?>
Missing quote mark	<?php \$image_tag = wp_get_attachment_image( \$image->ID, 'thumbnail' );?>
Mixing quote marks	<?php \$image_tag = wp_get_attachment_image( \$image->ID, "thumbnail" );?>
Missing IF	<?php ( is_category(45)) : print 'Right category'; else : print 'Wrong category';?>
Blank lines at end	If the last item on a page is a closing tag ?, there cannot be blank lines after

Error messages often point to a line in the script just after the error

## 0804 The Loop.mp4

A very basic Loop:

```
<?php if (have_posts()) : ?> }  
<?php while (have_posts()) : the_post(); ?>  
  
<?php the_title(); ?>  
  
<?php the_content(); ?>  
  
<?php endwhile; ?>  
  
<?php endif; ?>
```

Doing more things within a Loop:

```
<?php if (have_posts()) : ?>  
<?php while (have_posts()) : the_post(); ?>  
    <?php if (in_category(45)) : ?>  
        <div id="post-<?php the_ID(); ?>" <?php post_class('testimonial'); ?>> }  
    <?php else: ?>  
        <div id="post-<?php the_ID(); ?>" <?php post_class(); ?>>  
    <?php endif; ?>  
        <?php the_title(); ?>  
        <?php the_content(); ?>  
    </div>  
    <?php endwhile; ?>  
<?php endif; ?>
```

Created with

```

<?php while ( have_posts() ) : the_post(); ?>

<?php /* How to display posts of the Gallery format. The gallery category is the old way. */ ?>

    <?php if ( ( function_exists( 'get_post_format' ) && 'gallery' == get_post_format( $post->ID ) ) || in_category( _x( 'gallery', 'div id="post-<?php the_ID(); ?>" <?php post_class(); ?>' )
        <h2 class="entry-title"><a href="<?php the_permalink(); ?>" title="<?php printf( esc_attr__( 'Permalink to %s', 'twentyten' ), get_the_title() ); ?>"><?php the_title(); ?></a></h2>
        <div class="entry-meta">
            <?php twentyten_posted_on(); ?>
        </div><!-- .entry-meta -->

        <div class="entry-content">
            <?php if ( post_password_required() ) : ?>
                <?php the_content(); ?>
            <?php else : ?>
                <?php
                    $images = get_children( array( 'post_parent' => $post->ID, 'post_type' => 'attachment', 'post_mime_type' => 'image' );
                    if ( $images ) {
                        $total_images = count( $images );
                        $image = array_shift( $images );
                        $image_img_tag = wp_get_attachment_image( $image->ID, 'thumbnail' );
                    }
                ?>
                <div class="gallery-thumb">
                    <a class="size-thumbnail" href="<?php the_permalink(); ?>"><?php echo $image_img_tag; ?></a>
                </div><!-- .gallery-thumb -->
                <p><em><?php printf( _n( 'This gallery contains <a %1$s>%2$s photo</a>.', 'This gallery contains <a %1$s>%2$s photos</a>', $total_images ); ?>
                    'href=' . get_permalink() . "' title='" . sprintf( esc_attr__( 'Permalink to %s', 'twentyten' ), the_title_attribute( 'post_format_i18n' ) );
                </em></p>
                <?php endif; ?>
                <?php the_excerpt(); ?>
            <?php endif; ?>
        </div><!-- .entry-content -->

        <div class="entry-utility">
            <?php if ( function_exists( 'get_post_format' ) && 'gallery' == get_post_format( $post->ID ) ) : ?>
                <a href="<?php echo get_post_format_link( 'gallery' ); ?>" title="<?php esc_attr_e( 'View Galleries', 'twentyten' ); ?>"><?php esc_attr( 'View Galleries' ); ?></a>
                <span class="meta-sep">|</span>
            <?php elseif ( in_category( _x( 'gallery', 'gallery category slug', 'twentyten' ) ) ) : ?>
                <a href="<?php echo get_term_link( _x( 'gallery', 'gallery category slug', 'twentyten' ), 'category' ); ?>" title="<?php esc_attr( 'View category' ); ?>"><?php esc_attr( 'View category' ); ?></a>
                <span class="meta-sep">|</span>
            <?php endif; ?>
                <span class="comments-link"><?php comments_popup_link( __( 'Leave a comment', 'twentyten' ), __( '1 Comment', 'twentyten' ), __( 'Edit', 'twentyten' ) ); ?></span>
                <?php edit_post_link( __( 'Edit', 'twentyten' ), '<span class="meta-sep">|</span> <span class="edit-link">', '</span>' );
            </div><!-- #post-## -->
        </div>
    <?php /* How to display posts of the Aside format. The asides category is the old way. */ ?>

    <?php elseif ( ( function_exists( 'get_post_format' ) && 'aside' == get_post_format( $post->ID ) ) || in_category( _x( 'aside', 'div id="post-<?php the_ID(); ?>" <?php post_class(); ?>' )
        <?php if ( is_archive() || is_search() ) : // Display excerpts for archives and search. ?>
            <div class="entry-summary">
                <?php the_excerpt(); ?>
            </div><!-- .entry-summary -->
        <?php else : ?>

```

```

<div class="entry-content">
    <?php the_content(__( 'Continue reading <span class="meta-nav">&rarr;</span>', 'twentyten' )); ?>
</div><!-- .entry-content -->
<?php endif; ?>

<div class="entry-utility">
    <?php twentyten_posted_on(); ?>
    <span class="meta-sep"></span>
    <span class="comments-link"><?php comments_popup_link(__( 'Leave a comment', 'twentyten' ),__( '1 Comment', 'twentyten' ),__( 'Edit', 'twentyten' ), '<span class="meta-sep">|</span> <span class="edit-link">', '</span>' )</span>
</div><!-- .entry-utility -->
</div><!-- #post-## -->

<?php /* How to display all other posts. */ ?>

<?php else : ?>
    <div id="post-php the_ID(); ?&gt;" &lt;?php post_class(); ?&gt;&gt;
        &lt;h2 class="entry-title"&gt;&lt;a href="&lt;?php the_permalink(); ?&gt;" title="&lt;?php printf( esc_attr__( 'Permalink to %s', 'twentyten' ), the_title() ); ?&gt;"&gt;&lt;?php the_title(); ?&gt;&lt;/a&gt;&lt;/h2&gt;
        &lt;div class="entry-meta"&gt;
            &lt;?php twentyten_posted_on(); ?&gt;
        &lt;/div&gt;&lt;!-- .entry-meta --&gt;

        &lt;?php if ( is_archive() || is_search() ) : // Only display excerpts for archives and search. ?&gt;
            &lt;div class="entry-summary"&gt;
                &lt;?php the_excerpt(); ?&gt;
            &lt;/div&gt;&lt;!-- .entry-summary --&gt;
        &lt;?php else : ?&gt;
            &lt;div class="entry-content"&gt;
                &lt;?php the_content(__( 'Continue reading &lt;span class="meta-nav"&rarr;</span>', 'twentyten' )); ?>
                <?php wp_link_pages( array( 'before' => '<div class="page-link">' . __( 'Pages:', 'twentyten' ), 'after' => '</div>' ) ); ?>
            </div><!-- .entry-content -->
            <?php endif; ?>

            <div class="entry-utility">
                <?php if ( count( get_the_category() ) ) : ?>
                    <span class="cat-links">
                        <?php printf(__( 'Posted in<span class="%1$s">%2$s</span>', 'twentyten' ), 'entry-utility-prep entry-utility-p', get_the_category() );
                    </span>
                    <span class="meta-sep">|</span>
                <?php endif; ?>
                <?php
                    $tags_list = get_the_tag_list( ', ', ' ' );
                    if ( $tags_list ):
                ?>
                    <span class="tag-links">
                        <?php printf(__( 'Tagged<span class="%1$s">%2$s</span>', 'twentyten' ), 'entry-utility-prep entry-utility-p', $tags_list );
                    </span>
                    <span class="meta-sep">|</span>
                <?php endif; ?>
                <span class="comments-link"><?php comments_popup_link(__( 'Leave a comment', 'twentyten' ),__( '1 Comment', 'twentyten' ),__( 'Edit', 'twentyten' ), '<span class="meta-sep">|</span> <span class="edit-link">', '</span>' )</span>
            </div><!-- .entry-utility -->
        <?php endif; ?>

```



```

<?php edit_post_link( __( 'Edit', 'twentyten' ), '<span class="meta-sep">|</span> <span class="edit-link">', '</span>' );
</div><!-- .entry-utility -->
</div><!-- #post-## -->

<?php comments_template( "", true ); ?>

<?php endif; // This was the if statement that broke the loop into three parts based on categories. ?>

<?php endwhile; // End the loop. Whew. ?>

<?php /* Display navigation to next/previous pages when applicable */ ?>

<?php /* Display navigation to next/previous pages when applicable */ ?>
<?php if ( $wp_query->max_num_pages > 1 ) : ?>
    <div id="nav-below" class="navigation">
        <div class="nav-previous"><?php next_posts_link( __( '<span class="meta-nav">&larr;</span> Older po' );
        <div class="nav-next"><?php previous_posts_link( __( 'Newer posts <span class="meta-nav">&rarr;</span>' );
    </div><!-- #nav-below -->
<?php endif; ?>

```

## 0805 Creating Your Own Loops

The URL of a page triggers a database query in WordPress

[http://www.mydomain.com/?page\\_id=2](http://www.mydomain.com/?page_id=2)

<http://www.mydomain.com/?cat=45>

But you can create your own queries

You can create your own "loop"

```

<?php $myQuery = new WP_Query( 'cat=5&orderby=title&order=DESC' ); ?>

<?php if ( $myQuery -> have_posts() ) : ?>
    <?php while ( $myQuery -> have_posts() ) : $myQuery -> the_post(); ?>
        <div id="post-php the_ID(); ?&gt;" &lt;?php post_class(); ?&gt;&gt;
            &lt;?php the_title(); ?&gt;
            &lt;?php the_content(); ?&gt;
        &lt;/div&gt;
    &lt;?php endwhile; ?&gt;
&lt;?php endif; ?&gt;
</pre

```

Created with

 **nitroPDF®** professional

download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

Different ways of writing the same query

```
<?php $myQuery = new WP_Query( 'cat=5&orderby=title&order=DESC' ); ?>

<?php $myQuery = new WP_Query( array('cat' => 5, 'orderby' => 'title', 'order' => 'DESC') ); ?>

<?php
$args = array (
    'cat' => 5,
    'orderby' => 'title',
    'order' => 'DESC'
);
$myQuery = new WP_Query ($args);
?>
```



If your new loop is inside The Loop, you must RESET

```
<?php $myQuery = new WP_Query( 'cat=5&orderby=title&order=DESC' ); ?>

<?php if ( $myQuery -> have_posts() ) : ?>
    <?php while ( $myQuery -> have_posts() ) : $myQuery -> the_post(); ?>
        <div id="post-<?php the_ID(); ?>" <?php post_class(); ?>>
            <?php the_title(); ?>
            <?php the_content(); ?>
        </div>
    <?php endwhile; ?>
<?php endif; ?>
<?php wp_reset_query(); ?>
```

Don't confuse wp\_reset\_query() with rewind\_posts()

Created with

 nitro<sup>PDF</sup><sup>®</sup> professional

download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

When to use WP\_Query() vs. query\_posts()

WP\_Query() is for new queries

query\_posts() is for modifying an existing Loop }

```
<?php  
global $query_string;  
query_posts ($query_string . "&orderby=title");  
?>
```

If you need to return to the original query, remember to use

```
wp_reset_query();
```

## 0806 Template Tags.mp4

 [http://codex.wordpress.org/Template\\_Tags](http://codex.wordpress.org/Template_Tags)

When you click the template tags, it will tell you optional parameter

PHP-style

```
<?php the_title('','',TRUE); ?>
```

Query-style

```
<?php wp_list_categories('show_count=0&hide_empty=1&child_of=8') ?>
```

The available parameters for the\_title()

```
<?php the_title( $before, $after, $echo ); ?>
```

How to change just the first two parameters

```
<?php the_title("','"); ?>
```

Created with

 **nitroPDF®** professional

download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

```

<?php
//Creates a sidebar list of categories
//You can change the values, but keep quote marks intact

$orderby    = 'name'; // Choices: name, id, count
$show_count = 0;     // 1 for yes, 0 for no
$hierarchical = 1;   // 1 for yes, 0 for no
$title      = 'My Blog Categories'; // Text for the title

// Do not change anything below this line

$args = array(
    'orderby'    => $orderby,
    'show_count' => $show_count,
    'hierarchical' => $hierarchical,
    'title_li'   => '<h3 class="widget-title">' . $title . '</h3>'
);
?>

<?php wp_list_categories( $args ); ?>

```

## 0807 Conditional Tags.mp4

A Conditional Tag:

tests whether a condition is met and returns TRUE or FALSE

Is the current page, the home page?

```

<?php if ( is_home() ) :?>
    Welcome home!
<?php endif; ?>

```

Examples of some Conditional Tags

`is_front_page ()`

`is_archive ()` (Category, Tag, Author, Date pages are all archives)

Conditionals that take parameters

`is_single ( '23' )`

`is_page ( 'About Us' )`

`is_category ( array ( 45, 'SEO', 'web-design' ) )`

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

What's the difference between these two conditional tags?

is\_home () Refers to the Posts Page, whether it's the front page or not  
}

is\_front\_page () Refers to whatever is set as the front page of the site

Don't confuse these two conditional tags:

is\_category () }

in\_category ()

Sample:

```
<?php if ( is_page_template( 'page-my-section.php' ) : ?>
    <?php wp_nav_menu( array( 'container_class' => 'menu-header', 'theme_location' => 'mysection' ) ); ?>
<?php else : ?>
    <?php wp_nav_menu( array( 'container_class' => 'menu-header', 'theme_location' => 'primary' ) ); ?>
<?php endif; ?>
```

0808 Functions.mp4

Three Key Uses for the Functions.php file:

Enable available WP features, such as featured images, navigation menus etc.

Define custom functions that you can use in your theme template files

Set up theme options that users can access in the admin

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

```

function twentyten_setup() {
    // This theme styles the visual editor with editor-style.css to match the theme style.
    add_editor_style();

    // Post Format support. You can also use the legacy "gallery" or "asides" (note the plural) categories.
    add_theme_support( 'post-formats', array( 'aside', 'gallery' ) );
}

// This theme uses post thumbnails
add_theme_support( 'post-thumbnails' );

// Add default posts and comments RSS feed links to head
add_theme_support( 'automatic-feed-links' );

// Make theme available for translation
// Translations can be filed in the /languages/ directory
load_theme_textdomain( 'twentyten', TEMPLATEPATH . '/languages' );

$locale = get_locale();
$locale_file = TEMPLATEPATH . "/languages/$locale.php";
if ( is_readable( $locale_file ) )
    require_once( $locale_file );

// This theme uses wp_nav_menu() in one location.
register_nav_menus( array(
    'primary' => __( 'Primary Navigation', 'twentyten' ),

```

- Turning on wordpress default

```

if ( ! function_exists( 'twentyten_posted_on' ) ) :
/**
 * Prints HTML with meta information for the current post-date/time and author.
 *
 * @since Twenty Ten 1.0
 */
function twentyten_posted_on() {
    printf( __( '<span class="%1$s">Posted on</span> %2$s <span class="meta-sep">by</span> %3$s', 'twentyten' ),
        'meta-prep meta-prep-author',
        sprintf( '<a href="%1$s" title="%2$s" rel="bookmark"><span class="entry-date">%3$s</span></a>',
            get_permalink(),
            esc_attr( get_the_time() ),
            get_the_date()
        ),
        sprintf( '<span class="author vcard"><a class="url fn n" href="%1$s" title="%2$s">%3$s</a></span>',
            get_author_posts_url( get_the_author_meta( 'ID' ) ),
            sprintf( esc_attr__( 'View all posts by %s', 'twentyten' ), get_the_author() ),
            get_the_author()
        )
    );
}
endif;

```

- Custom wordpress function
- Calling the custom wordpress function:

```

<div class="entry-utility">
    <?php twentyten_posted_on(); ?>
    <span class="meta-sep">|</span>

```

Two ways functions work:

They're created and then available to use in template files

They're created and inserted into core WordPress processes (using Hooks)

```
<?php

    'before_title' => '<h3 class="widget-title">',
    'after_title' => '</h3>',
);

/** Register sidebars by running twentyten_widgets_init() on the widgets_init hook. */
add_action( 'widgets_init', 'twentyten_widgets_init' );

/**
 * Removes the default styles that are packaged with the Recent Comments widget.
 *
 * To override this in a child theme, remove the filter and optionally add your own
 * function tied to the widgets_init action hook.
 *
 * This function uses a filter (show_recent_comments_widget_style) new in WordPress 3.1
 * to remove the default style. Using Twenty Ten 1.2 in WordPress 3.0 will show the styles,
 * but they won't have any effect on the widget in default Twenty Ten styling.
 *
 * @since Twenty Ten 1.0
 */
function twentyten_remove_recent_comments_style() {
    add_filter( 'show_recent_comments_widget_style', '__return_false' );
}
add_action( 'widgets_init', 'twentyten_remove_recent_comments_style' );
```

## See Hello Dolly Plugin

```
<?php
/**
 * @package Hello_Dolly
 * @version 1.6
 */
/*
Plugin Name: Hello Dolly
Plugin URI: http://wordpress.org/extend/plugins/hello-dolly/
Description: This is not just a plugin, it symbolizes the hope and enthu
Author: Matt Mullenweg
Version: 1.6
Author URI: http://ma.tt/
*/

function hello_dolly_get_lyric() {
    /** These are the lyrics to Hello Dolly */
    $lyrics = "Hello, Dolly
Well, hello, Dolly
It's so nice to have you back where you belong

    // Here we split it into lines
    $lyrics = explode( "\n", $lyrics );

    // And then randomly choose a line
    return wptexturize( $lyrics[ mt_rand( 0, count( $lyrics ) - 1 ) ] );
}

// This just echoes the chosen line, we'll position it later
function hello_dolly() {
    $chosen = hello_dolly_get_lyric();
    echo "<p id='dolly'>$chosen</p>";
}

// Now we set that function up to execute when the admin_notices a
add_action( 'admin_notices', 'hello_dolly' );

// We need some CSS to position the paragraph
function dolly_css() {
```

```

// This makes sure that the positioning is also good for right-to-left languages
$x = is_rtl() ? 'left' : 'right';

echo "
<style type='text/css'>
#dolly {
    float: $x;
    padding-$x: 15px;
    padding-top: 5px;
    margin: 0;
    font-size: 11px;
}
</style>
";
}

add_action( 'admin_head', 'dolly_css' );

```

?( ) ▶

```

<?php
/*
Plugin Name: My Custom Taxonomies
Plugin URI: http://shortordersites.com
Description: This plugin registers all my custom taxonomies so th
Author: George Plumley
Version: 1.0
Author URI: http://shortordersites.com
*/

```

```

add_action( 'init', 'register_all_taxonomies', 0 );

function register_all_taxonomies() {

    register_taxonomy(
        'portfolio',
        'post',
        array(
            'public' => true,
            'labels' => array(
                'name' => __( 'Portfolios' ),
                'singular_name' => __( 'Portfolio' )
            ),
        ),
    );
}

```

0810 Hooks.mp4

## What are WordPress Hooks?

A hook is a point at which extra code can be added or existing data changed.



Hooks are used by plugin developers and theme developers to change the way WordPress works or the data it works with

Most hooks are inside WordPress core files, but some are in theme files.

- Hook Sample
  - Wp\_head
  - Wp\_footer

## 2 types of Hooks

- Action hooks – add or remove actions
  - [http://codex.wordpress.org/Plugin\\_API/Action\\_Reference](http://codex.wordpress.org/Plugin_API/Action_Reference)
- Filter hooks – add or remove filters
  - [http://codex.wordpress.org/Plugin\\_API/Filter\\_Reference](http://codex.wordpress.org/Plugin_API/Filter_Reference)

### ACTION HOOKS

add new code to be executed

```
<?php
function twentyten_widgets_init() {
    // Area 1, located at the top of the sidebar.
    register_sidebar( array(
        'name' => __( 'Primary Widget Area', 'twentyten' ),
        'id' => 'primary-widget-area',
        'description' => __( 'The primary widget area', 'twentyten' ),
        'before_widget' => '<li id="%1$s" class="widget-container %2$s">',
        'after_widget' => '</li>',
        'before_title' => '<h3 class="widget-title">',
        'after_title' => '</h3>',
    ) );
}
/** Register sidebars by running twentyten_widgets_init() on the widgets_init hook. */
add_action( 'widgets_init', 'twentyten_widgets_init' );
?>
```

## FILTER HOOKS

change existing data in some way

```
<?php  
function twentyten_excerpt_length( $length ) {  
    return 40;  
}  
add_filter( 'excerpt_length', 'twentyten_excerpt_length' );  
?>
```

## 0811 Custom Page Templates.mp4

### WHAT ARE CUSTOM PAGE TEMPLATES?

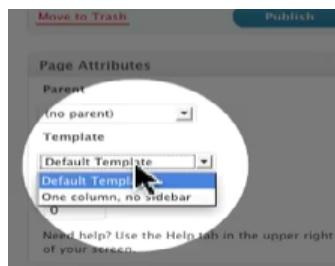
Used to create new WordPress page layouts and/or functionality

Template files located in a theme



Automatically detected by WP and displayed for users to choose from

In a sense they're outside of the WP template hierarchy (as opposed to page-23.php)



### BASICS OF A CUSTOM PAGE TEMPLATE

```
<?php  
/**  
 * Template Name: Display all Links  
 */  
  
get_header(); ?>
```

Sample:

Created with

 **nitroPDF®** professional

download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

```
<?php
/**
 * Template Name: One column, no sidebar|
 *
 * A custom page template without sidebar.
 *
 * The "Template Name:" bit above allows this to be selectable
 * from a dropdown menu on the edit page screen.
 *
 * @package WordPress
 * @subpackage Twenty_Ten
 * @since Twenty Ten 1.0
 */

get_header(); ?>
```

## 0812 Post Formats.mp4

### WHAT ARE POST FORMATS?

They allow users to easily choose between different styles for posts

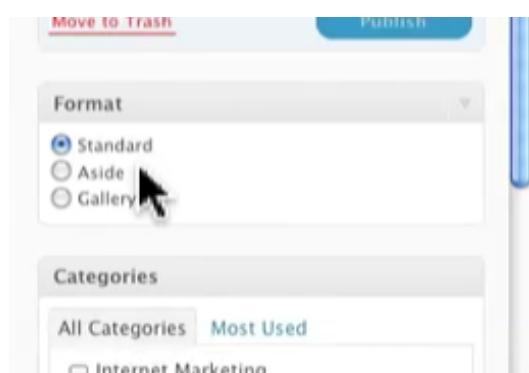
There are 9 post format types you can use:

aside gallery link image quote status video audio chat

You can format posts using CSS and/or conditional tags in template files

They're category-independent

WP does not automatically use Post Formats - you need to set them up



Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

## HOW TO INVOKE POST FORMATS

In your functions.php file you set up post formats this way:

```
<?php add_theme_support( 'post-formats', array( 'aside', 'gallery' ) ); ?>
```

NOTE: In the case of child themes, if the parent has post formats, and you add support in your child's functions.php file, the child post formats will OVERRIDE the parent's, not add to the original list of formats.

<?php /\* How to display posts of the Aside format. The asides category is the old way. \*/ ?>

```
<?php elseif ( ( function_exists( 'get_post_format' ) && 'aside' == get_post_format( $post->ID ) ) || in_category( 'aside' ) ) : // Display asides. ?>
<div id="post-<?php the_ID(); ?>" ><?php post_class(); ?></div>
<?php if ( is_archive() || is_search() ) : // Display excerpts for archives and search. ?>
<div class="entry-summary">
<?php the_excerpt(); ?>
</div><!-- .entry-summary -->
<?php else : ?>
<div class="entry-content">
<?php the_content( __( 'Continue reading <span class="meta-nav">&rarr;</span>', 'twentyten' ) ); ?>
</div><!-- .entry-content -->
<?php endif; ?>

<div class="entry-utility">
<?php twentyten_posted_on(); ?>
<span class="meta-sep">|</span>
<span class="comments-link"><?php comments_popup_link( __( 'Leave a comment', 'twentyten' ), __( '1 Comment', 'twentyten' ), __( 'Edit', 'twentyten' ), '<span class="meta-sep">|</span> <span class="edit-link">' );
</div><!-- .entry-utility -->
</div><!-- #post-## -->
```

- This is inside loop.php

```

/* =Asides
----- */

.home #content .format-aside p,
.home #content .category-asides p {
    font-size: 14px;
    line-height: 20px;
    margin-bottom: 10px;
    margin-top: 0;
}
.home .hentry.format-aside,
.home .hentry.category-asides {
    padding: 0;
}
.home #content .format-aside .entry-content,
.home #content .category-asides .entry-content {
    padding-top: 0;
}

/* =Gallery listing
----- */

.format-gallery .size-thumbnail img.

```

- Style.css

## WARNINGS ABOUT POST FORMATS

Unlike template files, which are unique to a theme, post formats are tied to posts inside of WordPress, so changing themes does not remove a post format.

That means, if the new theme has styling and structure for that post format, then your posts will display very differently|

Also, while the 9 post formats are meant to be generic types of content, people are free to use them any way they want. So while you designate a post as an aside and style it with your vision of an aside, a different theme may think of asides in a completely different way and style accordingly.

0813 Custom Post Templates.mp4

## CAN YOU HAVE CUSTOM POST TEMPLATES?

Yes, but it's not part of the WordPress core, the way Page Templates are.

You have a couple of options:

1. Use a plugin ( Single Post Templates, Custom Post Template )

2. Use functions.php to create a post template hierarchy

But it depends on what you're trying to do...

### THINK ABOUT YOUR GOAL

Are you simply looking to change the style of a post or the structure of its web page?

Does the user need to be able to choose?

Are you trying to change all posts in a category or must it be category-independent?

How future-proof do you want your method to be?

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

```

 * Single template function which will choose our template
 */
function my_single_template($single) {
    global $wp_query, $post;

    /**
     * Checks for single template by ID
    */
    if(file_exists(SINGLE_PATH . '/single-' . $post->ID . '.php'))
        return SINGLE_PATH . '/single-' . $post->ID . '.php';

    /**
     * Checks for single template by category
     * Check by category slug and ID
    */
    foreach((array) get_the_category() as $cat) :

        if(file_exists(SINGLE_PATH . '/single-cat-' . $cat->slug . '.php'))
            return SINGLE_PATH . '/single-cat-' . $cat->slug . '.php';

        elseif(file_exists(SINGLE_PATH . '/single-cat-' . $cat->term_id . '.php'))
            return SINGLE_PATH . '/single-cat-' . $cat->term_id . '.php';

    endforeach;

    return $single;
}

```

- This is inside functions.php

```

</div><!-- #post-# -->

<?php } elseif (in_category(4) || in_category(7) || in_category(8)) { // If Single Post is in Category 4, 7 or 8
    locate_template( array( 'single/posts-exhibits.php' ), true );
} elseif (in_category(5)) { // If Single Post is in Category 5 Artists, then output differently
    locate_template( array( 'single/posts-artists.php' ), true );
} else { ?>

<div id="post-php the_ID(); ?&gt;" &lt;?php post_class(); ?&gt;&gt;
    &lt;h1 class="entry-title"&gt;&lt;?php the_title(); ?&gt;&lt;/h1&gt;

    &lt;div class="entry-meta"&gt;
        &lt;?php twentyten_posted_on(); ?&gt;
    &lt;/div&gt;&lt;!-- .entry-meta --&gt;
</pre

```

## KEEPING IT ALL STRAIGHT

### Post Formats

- user-chosen
- does not allow control over whole web page
- category independent
- WP determines the 9 format types, which may be treated differently in different themes

### Custom Post Templates (plugins)

- user-chosen
- category independent
- controls entire web page

### Template Hierarchy

WP support for custom post types (single-book.php)  
custom hierarchy files can be category independent (single-23.php)

### Post Conditionals

- work within the single.php file
- can be category independent

### Plain CSS

WP automatically creates css classes for individual posts

## 0814 Custom Fields.mp4

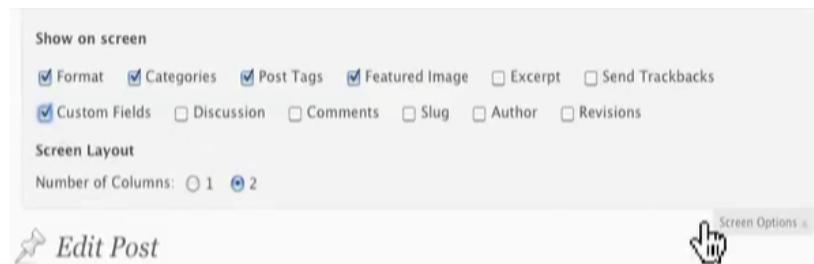
### WHAT ARE CUSTOM FIELDS?

Additional fields for posts or pages

Not only can users add existing fields to a post or page,  
they could even create new fields

(but without the necessary coding in the theme templates,  
those created fields wouldn't be displayed anywhere)

Custom Field box is hidden by default



Created with

 nitro<sup>PDF</sup><sup>®</sup> professional

download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

Custom Fields

Name	Value
Add New Custom Field:	
Name	Value
<input type="text"/>	<input type="text"/>
<a href="#">Add Custom Field</a>	

Custom fields can be used to add extra metadata to a post that you can [use in your theme](#).

#### USES FOR CUSTOM FIELDS

##### Displaying Data

- data that needs special styling (a price, a quote)
- data that needs special positioning (before or after content, display as a table)
- inserting data that has special code (Google maps, PayPal button)

##### Triggering Actions

- display or not display something (hide post meta data)
- bring in certain content (the id for another artist's post)

#### WORKING WITH CUSTOM FIELDS

Stored in the WP database as a key - value pair.

Key is the name of the element ( Currently Reading )

Value is the actual information ( Treasure Island )

NOTE: you can use the same key or name over and over, with different values in each

Two ways to call Custom Fields within the Loop:

```
<?php the_meta(); ?>
```

Returns all Custom Fields, both the keys and the values as an unordered list with classes

```
<?php $thisArtistName = get_post_meta($post->ID,'artist-name',true); ?>
```

Returns only the value of a Custom Field who's key is "artist-name"

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

```

artist-page.php (no symbol selected)
<?php
$thisArtistStatement = get_post_meta($post->ID, 'artist-statement', true);
?>

<h1 class="entry-title"><?php the_title(); ?></h1>

<div id="artist-sidebar">
<?php
if ( has_post_thumbnail() ) : ?>
<div class="photo"><?php the_post_thumbnail(); ?></div>
<?php else :
// the current post lacks a thumbnail
endif;
?>

<?php if ( !empty($thisArtistStatement) ) : ?>

<h2>Artist's Statement</h2>
<?php echo $thisArtistStatement; ?>
<p class="artist-name"><?php the_title(); ?></p>

<?php endif; ?>
</div>

<div class="artist-content"><?php the_content(); ?></div>

```

### Richard Troy Lehmann

Born in rural Northern Alberta, photographer Richard Troy Lehmann moved to Europe at the age of 19 when his love of photography and the arts began. Returning to North America in 2003, Richard now lives and works in New York City. During his first winter in Manhattan, he turned his attention to installations of statuary and architectural elements, which would later create the foundation for and main inspiration for his photographic series in the exhibition Quiet Presence.



#### Artist's Statement

"As I search for cause or reason underlying the works in Quiet Presence, I find myself reflecting on the memories of my youth. The remote, northern regions of Alberta, Canada have created a lasting impression on me and have influenced my perception of what I see. The stillness, deafening silence of nature and poignant moments of seasonal change have left

### THE PROCESS

The montage begins by first layering exposures on Forte paper and then developing them in combination with solarization: a process where

#### THE INTERFACE FOR CUSTOM FIELDS

The default WordPress interface for Custom Fields is not user-friendly.

1. Clients have to remember to drop down the menu



2. Clients have to add custom fields manually

3. There is only a text field/text area option by default (no checkboxes, etc.)

### 0815 Featured Images.mp4

Created with

 nitro<sup>PDF</sup><sup>®</sup> professional

download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

## WHAT ARE POST THUMBNAILS?

They are actually better referred to as Featured Images, which is how they're displayed on post and page admin screens.

But in template file coding, they're referred to as post thumbnails, the name of the original function.

Featured Images allow users to determine what image will be used if a theme incorporates featured images into its files.

The featured image can be changed by the user at any time.

### Featured Image

[Set featured image](#)

## To Activate:

- Inside Functions.php

Make sure this is in your functions.php file to activate Post Thumbnails

```
<?php  
// Adds support for post thumbnails  
add_theme_support( 'post-thumbnails' );  
?>
```

If you're using a child theme, check if this is already done in the functions.php of the parent

• CREATING THE DEFAULT SIZE FOR the\_post\_thumbnail();

In your functions.php file, put:

```
<?php set_post_thumbnail_size( 50, 50 ); ?>  
  
This re-sizes the image to fit the width and height specified.
```

```
<?php set_post_thumbnail_size( 50, 50, true ); ?>
```

This crops the image to the width and height specified.

• If using a child theme, check if the parent has set this already - as in TwentyTen

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

Even if you set the post thumbnail size in the functions.php file:

```
<?php set_post_thumbnail_size( 50, 50 ); ?>
```

You can still create other image sizes in your functions.php file:

```
<?php  
if ( function_exists( 'add_image_size' ) ):  
    add_image_size( 'category-thumb', 300, 9999 ); //300 pixels wide (and unlimited height)  
    add_image_size( 'homepage-thumb', 220, 180, true ); (cropped)  
endif;  
?>
```

And then you call these as needed within your Loops:

```
<?php the_post_thumbnail('homepage-thumb'); ?>
```

- WARNING: an add\_image\_size function only applies to images uploaded AFTER it's been created.
- PUTTING POST THUMBNAILS IN YOUR LOOPS:

```
<?php if ( has_post_thumbnail() ) : ?>  
    <?php the_post_thumbnail(); ?>  
    <?php endif; ?>  
  
<?php  
the_post_thumbnail('thumbnail');  
the_post_thumbnail('medium');  
the_post_thumbnail('large');  
?>  
    <h1 class="entry-title"><?php the_title(); ?></h1>  
  
    <div id="artist-sidebar">  
        <?php if ( has_post_thumbnail() ) : ?>  
            <div class="photo"><?php the_post_thumbnail('artist-sidebar'); ?></div>  
        <?php endif; ?>  
  
        <?php if ( !empty($thisArtistStatement) ) : ?>  
  
            <h2>Artist's Statement</h2>  
            "<?php echo $thisArtistStatement; ?>"  
            <p class="artist-name"><?php the_title(); ?></p>  
  
            <?php endif; ?>  
  
        </div>  
        <div class="artist-content"><?php the_content(); ?></div>
```

○

0816 Shortcodes.mp4

## WHAT ARE SHORTCODES?

Easy way for users to employ PHP functions in the text editor

These PHP functions can do anything:

- enclose text in special css
- create a list of posts
- make a PayPal button

[myshortcode1]

[myshortcode2 url="http://www.thedomain.com" icon="small"]

[myshortcode2]Text entered by user.[/myshortcode2]

### TWO STEPS TO CREATE A SHORTCODE

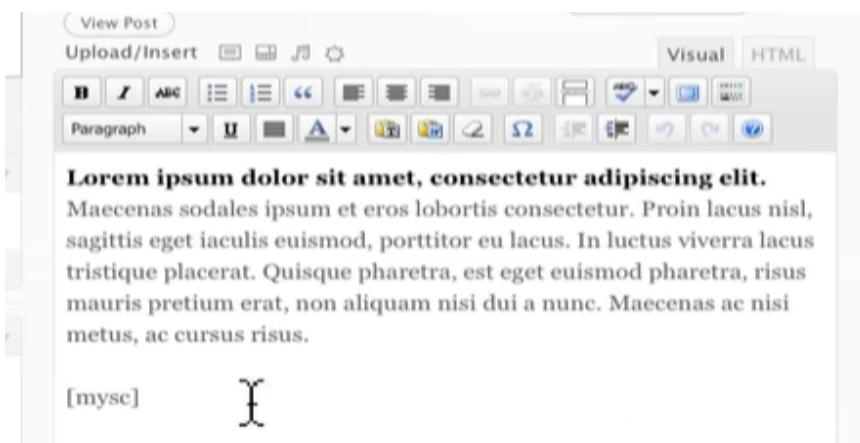
In your functions.php file:

#### 1. Write a PHP function

```
<?php  
function myShortCode () {  
    return 'This is my Short Code';  
}  
?>
```

#### 2. Hook the shortcode into WordPress

```
<?php add_shortcode( 'mysc', 'myShortCode' ); ?>
```



Created with

 nitro<sup>PDF</sup><sup>®</sup> professional

download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

**Lorem ipsum dolor sit amet, consectetur adipiscing elit.**  
et eros lobortis consectetur. Proin lacus nisl, sagittis eget  
lacus. In luctus viverra lacus tristique placerat. Quisque  
pharetra, risus mauris pretium erat, non aliquam nisi dui  
ac cursus risus.

This is my Short Code

This entry was posted in [Social Media](#). Bookmark the [permalink](#). [Edit](#)

## ADD MORE POWER TO SHORTCODES WITH ATTRIBUTES

```
<?php

function myName ( $atts, $content = null ) {
    extract ( shortcode_atts (array (
        "name" => 'George'
    ), $atts ) );
    return 'My name is ' . $name . '.';
}

add_shortcode( 'myname', 'myName' );

?>
```

### ***Lorem ipsum dolor sit amet, consectetur adipiscing elit.***

Maecenas sodales ipsum et eros lobortis consectetur. Proin lacus nisl, sagittis eget iaculis euismod, porttitor eu lacus. In luctus viverra lacus tristique placerat. Quisque pharetra, est eget euismod pharetra, risus mauris pretium erat, non aliquam nisi dui a nunc. Maecenas ac nisi metus, ac cursus risus.

[myname name="Billy Wilder"]

***Lorem ipsum dolor sit amet, consectetur adipiscing elit.***  
et eros lobortis consectetur. Proin lacus nisl, sagittis eget iaculis e  
lacus. In luctus viverra lacus tristique placerat. Quisque pharetra,  
pharetra, risus mauris pretium erat, non aliquam nisi dui a nunc.  
ac cursus risus.

My name is Billy Wilder. 

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

## FLOATING TEXT BOX SHORTCODE

```
<?php  
}  
  
function wdFloatingBox ( $atts, $content = null ) {  
    extract ( shortcode_atts (array (  
        "align" => 'right',  
        "width" => '150',  
        "borderthickness" => '1',  
        "padding" => '4',  
    ), $atts ));  
    return '<div class="align' . $align . '" style="width: ' . $width . 'px; border: ' . $borderthickness .  
    '}  
add_shortcode( 'wdbox', 'wdFloatingBox' );  
  
?>
```

thickness . 'px solid; padding: ' . \$padding . 'px;">' . \$content . '</div>;

[wdbox]This is the text that I want to float over to the right of the main body so that it stands out.[/wdbox]

**Lorem ipsum dolor sit amet, consectetur adipiscing elit.** Maecenas sodales ipsum et eros lobortis consectetur. Proin lacus nisl, sagittis eget iaculis euismod, porttitor eu lacus. In luctus viverra lacus tristique placerat. Quisque pharetra, est eget euismod pharetra, risus mauris pretium erat, non aliquam nisi dui a nunc. Maecenas ac nisi metus, ac cursus risus.

This is the text that I want to float over to the right of the main body so that it stands out.



[wdbox width="250" borderthickness="6"]This is the text that I want to float over to the right of the main body so that it stands out.[/wdbox]



**Lorem ipsum dolor sit amet, consectetur adipiscing elit.** Maecenas sodales ipsum et eros lobortis consectetur. Proin lacus nisl, sagittis eget iaculis euismod, porttitor eu lacus. In luctus viverra lacus tristique placerat. Quisque pharetra, est eget euismod pharetra, risus mauris pretium erat, non aliquam nisi dui a nunc. Maecenas ac nisi metus, ac cursus risus.

This is the text that I want to float over to the right of the main body so that it stands out.

0817 Custom Taxonomies.mp4

Created with

 **nitroPDF®** professional

download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

## CUSTOM TAXONOMIES FOR WORDPRESS:

What is a taxonomy?

A way of classifying things.

Post categories, post tags, link categories are all taxonomies

You can create Custom Taxonomies for any content type in WordPress

Not part of Custom Post Types, though typically used with them

## HOW TO CREATE CUSTOM TAXONOMIES FOR WORDPRESS:

You can code Custom Taxonomies through your functions.php file

or

You can use plugins to do the heavy lifting  
(keep in mind that these plugins are quite new and some are still in beta)

Free: Custom Post Type UI, CMS Press, More Taxonomies

Paid: Easy Custom Content Types, CustomPress

```
<?php
/**
 * Child theme Test-1
 */

add_action( 'init', 'register_all_taxonomies', 0 );

function register_all_taxonomies() {

    register_taxonomy(
        'portfolio',
        'post',
        array(
            'public' => true,
            'labels' => array(
                'name' => __( 'Portfolios' ),
                'singular_name' => __( 'Portfolio' )
            ),
        ),
    );
}

};
```

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

```

functions.php : register_all_taxonomies :
<?php
/**
 * Child theme Test-1
 */
add_action( 'init', 'register_all_taxonomies', 0 );

function register_all_taxonomies() {

register_taxonomy(
    'portfolio',
    'post',
    array(
        'public' => true,
        'hierarchical' => true,
        'labels' => array(
            'name' => __( 'Portfolios' ),
            'singular_name' => __( 'Portfolio' )
        ),
    )
);
}

```

**Add New Category**

Name	Description
<input type="text"/>	The name is how it appears on your site.
Slug	Description
<input type="text"/>	The "slug" is the URL-friendly version of the name. It is usually all lowercase and contains only letters, numbers, and hyphens.
Parent	
<input type="button" value="None"/> <input checked="" type="button" value="None"/> <input type="button" value="Dentists"/> <input type="button" value="Description"/>	

+ Portfolios

All Categories    Most Used

Dentists

**Bulk Actions**

Name	Description
Dentists	

**Bulk Actions**

## 0818 Custom Post Types.mp4

CUSTOM POST TYPES FOR WORDPRESS:

Nothing to do with Posts!

Posts for blogging, Books for cataloguing.

Clients could be a post type for our test site.

### HOW TO CREATE CUSTOM POST TYPES FOR WORDPRESS:

You can code Custom Post Types through your functions.php file



or

You can use plugins to do the heavy lifting  
(keep in mind that these plugins are quite new and some are still in beta)

Free: Custom Post Type UI, CMS Press, More Types

Paid: Easy Custom Content Types, CustomPress

 *Create New Custom Post Type or Taxonomy · [Reset](#)*

If you are unfamiliar with the options below only fill out the **Post Type Name** and **Label** fields and check which meta boxes to support. The other settings are set to the most common defaults for custom post types.

Post Type Name *	<input type="text" value="clients"/>	? (e.g. movies)
Label	<input type="text" value="Clients"/>	? (e.g. Movies)
Singular Label	<input type="text" value=""/>	? (e.g. Movie)
Description	<input type="text"/>	
Advanced Label Options · Advanced Options		
<a href="#">Create Custom Post Type</a>		

If you are unfamiliar with the options below only fill out the **Taxonomy Name** and **Post Type Name** fields. The other settings are set to the most common defaults for custom taxonomies.

Taxonomy Name *	<input type="text"/>	? (e.g. actors)
Label	<input type="text"/>	? (e.g. Actors)
Singular Label	<input type="text"/>	? (e.g. Actor)
Attach to Post Type *	<input type="checkbox"/> Posts <input type="checkbox"/> Pages	
Advanced Label Options · Advanced Options		
<a href="#">Create Custom Taxonomy</a>		

Created with

 **nitroPDF®** professional

download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

## 0901 Adding Menus.mp4

### ADDING A WORDPRESS MENU - The Steps

1. Register a navigation area in functions.php

2. Add the navigation area to the appropriate template file using a template tag

3. Create a new menu in the WordPress Appearance -> Menu screen

4. Connect that new menu to the navigation area using the drop-down menu in Appearance -> Menu

### ADDING A WORDPRESS MENU - The Code

For functions.php

```
<?php  
register_nav_menus( array(  
    'primary' => __( 'Primary Navigation', 'twentyten' ),  
) );  
?>
```

For the template file where the menu is to appear

```
<?php wp_nav_menu( array( 'container_class' => 'menu-header', 'theme_location' => 'primary' ) ); ?>
```

 [http://codex.wordpress.org/Function\\_Reference/wp\\_nav\\_menu](http://codex.wordpress.org/Function_Reference/wp_nav_menu)

```
<div id="access" role="navigation">  
    <?php /* Allow screen readers / text browsers to skip the navigation menu and get right to the good stuff */ ?>  
    <div class="skip-link screen-reader-text"><a href="#content" title="<?php esc_attr_e( 'Skip to content', 'twentyten' ) ?>">  
        <?php /* Our navigation menu. If one isn't filled out, wp_nav_menu falls back to wp_page_menu. The menu assigned here is used if there is no primary menu assigned. */ ?>  
        <?php wp_nav_menu( array( 'container_class' => 'menu-header', 'theme_location' => 'primary' ) ); ?>  
    </div><!-- #access -->  
    </div><!-- #masthead -->  
</div><!-- #header -->
```

```
// This theme uses wp_nav_menu() in one location.  
register_nav_menus( array(  
    'primary' => __( 'Primary Navigation', 'twentyten' ),  
    'footer' => __( 'Footer|Navigation', 'twentyten' ),  
) );
```

- Inside functions.php

- Create a menu on the right side
- Add the menu you created to the left side
- `<?php wp_nav_menu( array( 'container_class' => 'menu-header', 'theme_location' => 'footer' ) ); ?>`
  - add this code to the footer divs

## More Fancy Menu

```
<?php //Here's where we decide whether there should be a section sub-menu displayed, and which one|
```

```
if ( is_page('commercial-properties') || $post->post_parent == '4457' ) {
    // the page is "About", or the parent of the page is "About"
    print '<div id="sections-sub-menu">';
    wp_nav_menu( array( 'container_class' => 'menu-header', 'theme_location' => 'commercial' ) );
    print '</div>';

} elseif ( is_page('land') || $post->post_parent == '4459' ) {
    print '<div id="sections-sub-menu">';
    wp_nav_menu( array( 'container_class' => 'menu-header', 'theme_location' => 'land' ) );
    print '</div>';

} elseif ( is_page('office-space') || $post->post_parent == '4347' ) {
    print '<div id="sections-sub-menu">';
    wp_nav_menu( array( 'container_class' => 'menu-header', 'theme_location' => 'office' ) );
    print '</div>';

} elseif ( is_page('industrial-warehouse') || $post->post_parent == '4489' ) {
    print '<div id="sections-sub-menu">';
    wp_nav_menu( array( 'container_class' => 'menu-header', 'theme_location' => 'industrial' ) );
    print '</div>';

} elseif ( is_page('shopping-centers') || $post->post_parent == '4487' ) {
    print '<div id="sections-sub-menu">';
    wp_nav_menu( array( 'container_class' => 'menu-header', 'theme_location' => 'shopping' ) );
    print '</div>';

}
```

## Adding Widgets Area

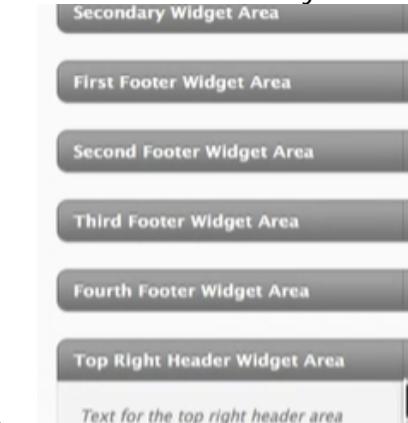
Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

- 2 Steps
  - Register the widget area in your functions.php file
 

```
register_sidebar( array(
    'name' => __( 'Top Right Header Widget Area', 'twentyten' ),
    'id' => 'top-right-header-widget-area',
    'description' => __( 'Text for the top right header area', 'twentyten' ),
    'before_widget' => '<li id="%1$s" class="widget-container %2$s">',
    'after_widget' => '</li>',
    'before_title' => '<h3 class="widget-title">',
    'after_title' => '</h3>',
  ));
```

    - Copy from wordpress 2010 theme
    - Paste the code into your theme functions.php
  - Place coding in your theme file where you want the widget area to appear
 

```
<?php if ( is_active_sidebar( 'top-right-header-widget-area' ) ) : ?>
<div id="top-right" class="widget-area">
  <ul class="xoxo">
    <?php dynamic_sidebar( 'top-right-header-widget-area' ); ?>
  </ul>
</div><!-- #top right .widget-area -->
<?php endif; ?>
```

    - Copy Code from wordpress 2010 footer 2010 theme
    - Paste the code where you want it to show

0903 Display Thumbnails with Posts.mp4

PUTTING POST THUMBNAILS IN YOUR LOOPS:

```
<?php if ( has_post_thumbnail() ) : ?>
    <?php the_post_thumbnail(); ?>
<?php endif; ?>

<?php
the_post_thumbnail('thumbnail');
the_post_thumbnail('medium');
the_post_thumbnail('large');
?>

<?php
the_post_thumbnail('my-custom-size'); ?>

<?php if ( has_post_thumbnail() ) : ?>
    <a href=<?php the_permalink(); ?>" title=<?php the_title_attribute(); ?>" >
        <?php the_post_thumbnail(); ?>
    </a>
<?php endif; ?>

<?php
/* Child theme Test-1
 */
add_image_size( 'category-thumb', 150, 9999 ); ?>

function myShortCode () {
    return 'This is my Short Code';
}

add_shortcode( 'mysc', 'myShortCode' );

function myName ( $atts, $content = null ) {
    extract ( shortcode_atts (array (
        "name" => 'George'
    ), $atts ) );
    return 'My name is ' . $name . '.';
}
add_shortcode( 'myname', 'myName' );

function wdFloatingBox ( $atts, $content = null ) {
    extract ( shortcode_atts (array (
        "align" => 'right',

```

Example:

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

```

<?php /* How to display all other posts. */ ?>

<?php else :?>
<div id="post-<?php the_ID(); ?>" <?php post_class(); ?>>
<h2 class="entry-title"><a href=<?php the_permalink(); ?> title=<?php printf( esc_attr__( 'Permalink to %s', 'twentyten' ), get_the_title() ) ?></a></h2>
<div class="entry-meta">
<?php twentyten_posted_on(); ?>
</div><!-- .entry-meta -->

<?php if ( is_archive() || is_search() ) : // Only display excerpts for archives and search. ?>
<div class="entry-summary">

    <?php if ( has_post_thumbnail() ) : ?>
        <a href=<?php the_permalink(); ?> title=<?php the_title_attribute(); ?>>
            <?php the_post_thumbnail(); ?>
        </a>
    <?php endif; ?>
    <?php the_excerpt(); ?>
</div><!-- .entry-summary -->

<?php else :?>
<div class="entry-content">
    <?php the_content(__( 'Continue reading <span class="meta-nav">&rarr;</span>', 'twentyten' ) ); ?>

```

- - Inside loop.php
  - - Insert the argument category thumb (to use the custom size)

## 0904 Header Images by Page.mp4

```

<?php

// Check if this is a post or page, if it has a thumbnail, and if it's a big one

if ( is_singular() && current_theme_supports( 'post-thumbnails' ) &&
has_post_thumbnail( $post->ID ) &&
( /* $src, $width, $height */ $image = wp_get_attachment_image_src( get_post_thumbnail_id( $post->ID ), 'post-thu
$image[1] >= HEADER_IMAGE_WIDTH ) :

// Houston, we have a new header image!

echo get_the_post_thumbnail( $post->ID );

elseif ( get_header_image() ) :?

; ?>)

## Inside Functions.php


```

```

// The height and width of your custom header. You can hook into the theme's own filters to change these values.
// Add a filter to twentyten_header_image_width and twentyten_header_image_height to change these values.
define( 'HEADER_IMAGE_WIDTH', apply_filters( 'twentyten_header_image_width', 940 ) );
define( 'HEADER_IMAGE_HEIGHT', apply_filters( 'twentyten_header_image_height', 198 ) );

```

-

## 0905 Custom Links Page.mp4

```
<?php
/**
 * Template Name: Complete List of Links
 *
 * @package WordPress
 * @subpackage Test
 */
 *

 * @package WordPress
 * @subpackage Test
 */

get_header(); ?>

<div id="container">
    <div id="content" role="main">

        <?php if ( have_posts() ) while ( have_posts() ) : the_post(); ?>

            <div id="post-<?php the_ID(); ?>" <?php post_class(); ?>>
                <h1 class="entry-title"><?php the_title(); ?></h1>

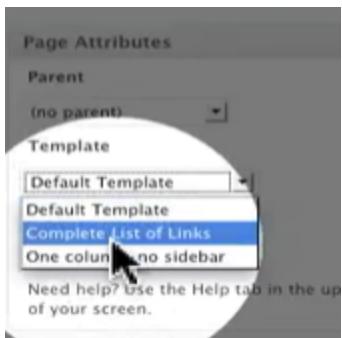
                <div class="entry-content">
                    <?php the_content(); ?>
                    <?php wp_list_bookmarks(); ?>
                </div><!-- .entry-content -->
            </div><!-- #post-## -->

        <?php endwhile; // end of the loop. ?>

    </div><!-- #content -->
</div><!-- #container -->

<?php get_sidebar(); ?>
```

- Inside page-links.php



## Links

Test that our editor work comes through

- Blogroll

- [Documentation](#)
- [Plugins](#)
- [Suggest Ideas](#)
- [Support Forum](#)
- [Themes](#)

## 0906 Theme Options Page pt 1.mp4

### THINGS TO CONSIDER BEFORE INCLUDING AN ACTION ON A THEME OPTIONS PAGE:

Could the action be handled by a widget? e.g. footer text



Should the action be theme-independent?

Could the action be handled by an existing plugin? e.g. Google Analytics

Do you want the client to be messing with design?

### BASIC STEPS FOR CREATING AND USING A THEME OPTIONS PAGE:

1. Create the options page settings and form structure



2. Hook everything into WordPress

3. Tell WordPress to retrieve those options where necessary

```
<?php //Gets our theme options in an array  
global $options;  
$options = get_option('theme_options');?>
```

4. Use the options variables in your template

```
<?php if ( $options['tagline_visibility'] == TRUE ) : print 'No tagline to display'; ?>
```

Created with



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

```
◀ ▶ ⌂ theme-options.php : (no symbol selected) : |
```

```
<?php

    // Create custom settings line in the Appearance box of the Admin Menu
    add_action ('admin_menu', 'add_theme_options_page');

    function add_theme_options_page() {
        add_theme_page ('Theme Options For Test 1 Theme', 'Theme Options', 'administrator', __FILE__, 'test_theme_options_page');
    }

    // Register settings, including all of our fields
    add_action ('admin_init', 'register_and_build_fields');

    function register_and_build_fields() {
        register_setting ('theme_options', 'theme_options', 'validate_setting');
        add_settings_section ( 'main_section', 'General Options', 'main_header_setting', __FILE__ );
        add_settings_field ('twitter_account', 'Twitter Account URL:', 'twitter_account_setting', __FILE__, 'main_section', '' );
    }

    //Validate settings
    function validate_setting ($theme_options) {
        return $theme_options;
    }

    // This is where we create the fields for the options page form
    // Opening for the main section of the options page - could put HTML here, title, etc.
    function main_header_setting() {
        print '<p>This is where you can control general elements of the theme.</p>';
    }

    // Twitter Account
    function twitter_account_setting() {
        $options = get_option('theme_options');
        echo "<input name='theme_options[twitter_account]' type='text' value='{$options['twitter_account']}' />";
    }
```

```

// Now for the code that creates the actual theme options page
function test_theme_options_page() { ?>

<div class="wrap">
<div class="icon32" id="icon-tools">&nbsp;</div>
<h2>My Theme Options</h2>

<?php // This is going to display an UPDATED message when the client changes things
if( isset($_GET['settings-updated']) ) { ?>
    <div id="message" class="updated">
        <p><strong><?php _e('Settings saved.') ?></strong></p>
    </div>
<?php } ?>

<form method="post" action="options.php" enctype="multipart/form-data">
    <?php settings_fields('theme_options'); ?>
    <?php do_settings_sections(__FILE__, 'main-section'); ?>
    <p class="submit">
        <input name="Submit" type="submit" class="button-primary" value="<?php esc_attr_e('Save Changes'); ?>" />
    </p>
</form>
</div>
<?php } ?>

```

- Call this code inside functions.php

○ `require_once ( get_stylesheet_directory() . '/theme-options.php' );`

Add this to your functions.php file so that it includes the theme-options.php file

For use in a child theme

```
<?php require_once ( get_stylesheet_directory() . '/theme-options.php' ); ?>
```

For use in a theme

```
<?php require_once ( get_template_directory() . '/theme-options.php' ); ?>
```

0907 Theme Options Page pt 2.mp4

Output:

**My Theme Options**

### General Options

This is where you can control general elements of the theme.

Twitter Account URL:

**Save Changes**

0908 Theme Options Page pt 3.mp4

Create Theme options to remove tagline

Make Changes into tag-themes-options.php

```
// Register settings, including all of our fields
add_action ('admin_init', 'register_and_build_fields');
function register_and_build_fields() {
    register_setting ('theme_options', 'theme_options', 'validate_setting');
    add_settings_section ( 'main_section', 'General Options', 'main_header_setting', __FILE__ );
    add_settings_field ('twitter_account', 'Twitter Account URL:', 'twitter_account_setting', __FILE__, 'main_section', '' );
    add_settings_field ('tagline_visibility', 'Tagline Visibility:', 'tagline_visibility_setting', __FILE__, 'main_section', '' );
}

// Tagline Visibility
function tagline_visibility_setting() {
    $options = get_option('theme_options');
    if($options['tagline_visibility']) { $checked = ' checked="checked" ';}
    echo "<input". $checked ." id='tagline_visibility' name='theme_options[tagline_visibility]' type='checkbox />";
    print '<br />If this box is checked, the Tagline will not appear in the header.';
}
```

**My Theme Options**

**Settings saved.**

### General Options

This is where you can control general elements of the theme.

Twitter Account URL:

Tagline Visibility:  If this box is checked, the Tagline will not appear in the header.

**Save Changes**

```
<?php //Gets our theme options in an array
global $options;
$options = get_option('theme_options');?>
<?php
```

```

</<?php echo $heading_tag; ?>
<div id="site-description"><?php
if ( $options['tagline_visibility'] == TRUE ) :
print " "; } 
else :
bloginfo( 'description' );
endif;
?></div>

```

- Inside header.php

## 0909 Product or Course Listings.mp4

**Family Theatre Series**

The Hobbit  
The Big Sneeze  
Cinderella  
Rumpelstiltskin  
The Birth of the C.P.R.

**Other Events**

Hana's Suitcase



**Kaleidoscope Performing Arts Studio**

KPAS Home page  
KPAS 2010-2011 Brochure

**Senior Advanced Acting**

This course is a pre-requisite for those students planning to enter the Master Class program. Students will be challenged as they build their acting vocabulary, both physical and emotional. Work will continue with monologue presentation, play analysis, character back-story, and scene work from Shakespeare. Our year end showcase will provide our students with important stage presentation experience.

**Course Info:** Ages 12 - 15 | Thursday: 7:00 - 9:00pm | 2nd Floor - 3130 Jutland Road

Term 1 (11 weeks) - \$350.00 | Term 2 (17 weeks) - \$530.00

**Sr. Musical Theatre**

This program is designed for young actors/singers who are continuing formal training. This class will advance the students' skills with a supportive environment in which they may develop and combine vocal, acting, and movement techniques. Participants will explore elements such as monologues, scenes, improvisation, and group songs, as well as solo musical theatre pieces.

**Course Info:** Ages 12 - 16 | Thursday: 5:30 - 7pm | 2nd Floor - 3130 Jutland Road

Term 1 (11 weeks) - \$250.00 | Term 2 (17 weeks) - \$375.00

### CREATING CUSTOM STRUCTURES (like Product or Course listings)

1. A special loop template file is created for any categories needing this formatting

2. The loop template gets all the custom field information

3. The loop template manipulates the custom field info along with any other variables

4. The loop template sets up the structure and creates the CSS selectors

Client enters main content in the usual Text Editor box

Client enters various types of information into Custom Fields

Created with

 nitro<sup>PDF</sup><sup>®</sup> professional

download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)

```

<?php
/**
 * Displays courses posts that are on Thursday (Category 14) as a series of boxes
 */

get_header(); ?>

<div id="container">
    <div id="content" role="main">

        <?php
        /* Run the loop to output the page.
         * If you want to overload this in a child theme then include a file
         * called loop-page.php and that will be used instead.
         */
        get_template_part( 'loop', 'courses' );
        ?>

    </div><!-- #content -->
</div><!-- #container -->

<?php get_sidebar(); ?>
<?php get_footer(); ?>

```

- Inside category-14.php

```

<?php

// And we need some variables from the theme options page
$thisDiscountAmount = "." . $kt_kpas_discount;
$thisEarlyDiscountAmount = "." . $kt_kpas_early_discount; }

if ( have_posts() ) while ( have_posts() ) : the_post();

// Let's go and get the custom field data from this post
$thisVenue = get_post_meta($post->ID,'venue',true);
$thisAges = get_post_meta($post->ID,'course-ages',true);
$thisTime = get_post_meta($post->ID,'course-time',true);
$thisTerm1Price = get_post_meta($post->ID,'term1-price',true);
$thisTerm2Price = get_post_meta($post->ID,'term2-price',true);

// Now let's work out the various discount prices
if ($kt_display_kpas_discount == "1") :
    if ( !empty($thisTerm1Price) && !empty($thisTerm2Price) ) :
        $twoTermPrice = $thisTerm1Price + $thisTerm2Price;
        $thisDiscount = $twoTermPrice * $thisDiscountAmount;
        $twoTermDiscountPrice = $twoTermPrice - $thisDiscount;
        $twoTermDiscountPrice = number_format($twoTermDiscountPrice,2);
        $thisEarlyDiscount = $twoTermPrice * $thisEarlyDiscountAmount;
        $twoTermEarlyPrice = $twoTermPrice - $thisEarlyDiscount;
        $twoTermEarlyPrice = number_format($twoTermEarlyPrice,2);
    endif;
endif;

```

```

// Let's work out which Day of the week
$daysWeekIDs = array("11","12","13","14","15","16","17");
$thisPostCategoryIDs = wp_get_post_categories($post->ID); | } |
$commonIDs = array_intersect($thisPostCategoryIDs, $daysWeekIDs);
$thisCommonID = reset($commonIDs);
$thisCatName = get_cat_name($thisCommonID);

?>

<div id="post-<?php the_ID(); ?>" <?php post_class(course-box); ?>>

<h3><?php the_title(); ?></h3>

<div class="entry">
    <?php the_content() ?>
</div>

<div class="details">
<?php print'<span class="title">Course Info:</span> Ages ' . $thisAges . |
    &nbsp; | &nbsp; ' . $thisCatName . ':' . $thisTime . ' &nbsp; | &nbsp; ' .
    $thisVenue; ?>
</div>

<div class="pricing"><span class="regular"><?php
if ( !empty($thisTerm1Price) ) : print'Term 1 (' . $kt_kpas_term1 .' weeks) - $'
    . $thisTerm1Price; endif;
if ( !empty($thisTerm1Price) && !empty($thisTerm2Price) ) : print '&nbsp; |
    &nbsp;'; endif;
if ( !empty($thisTerm2Price) ) : print 'Term 2 (' . $kt_kpas_term2 .' weeks) - '
    . $thisTerm2Price; endif;
?>
</span>
<?php
// Only display the discounted prices if that option is set to "1" on the
Kaleidoscope Options admin page

```

```
if ($kt_display_kpas_discount == "1") :  
print '<p class="discount">Both Terms (' . $kt_kpas_discount .'% off): $' .  
$twoTermDiscountPrice . ' &nbsp; | &nbsp; Both Terms before Early Bird deadline  
(' . $kt_kpas_early_discount . '% off): $' . $twoTermEarlyPrice . '</p>';  
endif;  
?>  
</div>  
  
</div> <?php // End of course box ?>  
  
<?php  
endwhile;  
endif; // end of the loop.  
?>
```