WORDPRESS WEB DESIGN

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Session # 5

**CHECKING IN AND UPDATES
WHAT'S HAPPENING ?**

Follow up from our January SIG
Questions for Roy ?
What did you learn ?

**PARENT AND CHILD THEMES
ADDING YOUR OWN STYLE ELEMENTS**

BATCH IMAGES
HOW TO BULK RESIZE LARGE
IMAGES IN WORDPRESS

HTTP://WWW.WPBEGINNER.COM/P
LUGINS/HOW-TO-BULK-RESIZE-
LARGE-IMAGES-IN-WORDPRESS/

DISSECTING THEMES AND TEMPLATES (COMFORT LEVEL !)

◉ The Guts behind your website:

Terms:

CMS = Contact Management System

PHP = Hypertext Preprocessor Language

My SQL = Database file

DISSECTING THEMES AND TEMPLATES (COMFORT LEVEL !)

◉ Anyone familiar with these terms and what they mean ?

CMS = Contact Management System

PHP = Hypertext Preprocessor Language

My SQL = Database file

DISSECTING THEMES AND TEMPLATES

Template Tag:

Template tags are used within your blog's Templates to display information dynamically or otherwise customize your blog, providing the tools to make it as individual and interesting as you are.

http://codex.wordpress.org/Template_Tags

DISSECTING THEMES AND TEMPLATES

Template Tag:

Below is a list of the general user tags available in WordPress, sorted by function-specific category.

http://codex.wordpress.org/Template_Tags

DISSECTING THEMES AND TEMPLATES

http://codex.wordpress.org/Template_Tags

◉ **Code academy.com**
◉ **http://www.codecademy.com/**

◉ **<_/> (Code Tags)**

DISSECTING THEMES AND TEMPLATES

What WordPress is
CMS = Contact Management System

You do not need to know PHP or MySQL to do it. But, it helps to have some understanding.

DISSECTING THEMES AND TEMPLATES

PHP =
Server-side scripting language for creating dynamic websites.

Tells your browser what to do.

Sends information to your visitor.
▪ **Where you can tweak and change things.**

DISSECTING THEMES AND TEMPLATES

MySQL
Open source (free) relational database management system that uses Structured Query Language (SQL), the most popular language for adding, accessing and processing data in a database.
(file cabinet analogy)

DISSECTING THEMES AND TEMPLATES

MySQL
- What is MySQL?
- MySQL is a database system used on the web
- MySQL is a database system that runs on a server
- MySQL is ideal for both small and large applications
- MySQL is very fast, reliable, and easy to use
- MySQL uses standard SQL
- MySQL compiles on a number of platforms
- MySQL is free to download and use
- MySQL is developed, distributed, and supported by Oracle Corporation
- MySQL is named after co-founder Monty Widenius's daughter: My
- The data in a MySQL database are stored in tables. A table is a collection of related data, and it consists of columns and rows.
- http://www.w3schools.com/php/php_mysql_intro.asp

DISSECTING THEMES AND TEMPLATES

MySQL Database files (examples):

Wp-comments:

Wp-commentmeta:

Wp-links:

Wp-options:

Wp-posts:

Wp-terms:

Wp-users:

DISSECTING THEMES AND TEMPLATES

- Every time visitors go to your site to read your content, they make a request that is sent to your host server.

- The PHP programming language receives that request, makes a call to the MySQL database, obtains the requested information from the database and then presents the requested information to your visitors through their web browsers.

DISSECTING THEMES AND TEMPLATES

◉ **Content = data stored in the MySQL database: your blog posts, pages, comments, links and options you set up on your WordPress dashboard.**

DISSECTING THEMES AND TEMPLATES

◉ **The Theme (or design) you choose to use for your site (default or created) isn't part of this content. Theme files are part of the file system and not stored in the database.**

◉ **So, creating and keeping a back up of any themes files you currently using a good idea.**

DISSECTING THEMES AND TEMPLATES

◉ **Template Tag:**

➢ **<?pjp: Start PHP**

◉ **Get_info ( ) ;: Use PHP to get information from the MYSQL database and deliver it to your site.**

◉ **?>:Stop PHP**

MY SQL DATABASE FILES

◉ **http://www.mysql.com/**

◉ **http://en.wikipedia.org/wiki/MySQL**

◉ **http://dev.mysql.com/doc/refman/5.1/en/database-use.html**

TEMPLATES WITHIN A WORDPRESS THEME

◉ **Style.css**

◉ **Header**

◉ **Body**

◉ **Sidebar**

◉ **Footer**

TEMPLATES WITHIN A WORDPRESS THEME

Header.php:

The Header Template is the starting point for every WordPress theme because it tells the web browser the following information:

TEMPLATES WITHIN A WORDPRESS THEME

Header.php:

- Title of your site
- Location of the CS
- The RSS feed URL
- The site URL
- The tagline (or description) of the site.

TEMPLATES WITHIN A WORDPRESS THEME

Header.php:
- Every page on a website start with pieces of code. The header.php file has the following:
- The DOCTYPE
- The <html> tag
- The <head>tag

TEMPLATES WITHIN A WORDPRESS THEME

◉Index.php

◉Body: this is the area where your content (blog posts, pages) appear in chronological order

TEMPLATES WITHIN A WORDPRESS THEME

⊙**sidebar.php**

Sidebar: this is the area where you find lists of navigation elements such at the blogroll, archives and list of recent posts.

TEMPLATES WITHIN A WORDPRESS THEME

⊙**sidebar.php**

The sidebar templete is usualluy found on the left or right side of the main content area of your wordpress theme.

This is a good place to put useful information about your site. (eg: contact info)

TEMPLATES WITHIN A WORDPRESS THEME

⊙**Footer. php**

⊙**Footer: the bottom of the page. Often contains links to further information about the site, such as who designed it, which company provides hosting, and copyright info.**

TEMPLATES WITHIN A WORDPRESS THEME

◉**<u>Style.css</u>**

◉**Each WordPress themes comes with a stylesheet which drives the formatting and layout of our site theme in terms of where the elements are positioned on the page, the fonts, etc.**

TEMPLATES WITHIN A WORDPRESS THEME

◉**<u>Style.css</u>**

◉**You don't use CSS to put content on your site, rather, you use CSS to style the content that's already there.**

TEMPLATES WITHIN A WORDPRESS THEME

◉**Other possible template files:**

◉**<u>Comments</u> template (.php)**

◉**<u>Single</u> post template (.php)**

◉**<u>Page</u> template (.php)**

◉**<u>Search</u> results template (.php)**

◉**<u>404</u> template (.php) (error page)**

TEMPLATES WITHIN A WORDPRESS THEME

◉Wordpress has built in function to include the main templagte files. In other templetes an include function is a custom PHP function that is built into WordPres, allowing you to retrieve the content of the templates.

TEMPLATES WITHIN A WORDPRESS THEME

◉Often a theme uses multiple stylesheets for browser compatibility or consistent organization. If you use multiple stylesheets, the process for including them in the template is the same as any other stylesheet.

TEMPLATES WITHIN A WORDPRESS THEME

◉To add a new stylesheet, create a css directory in the root theme folder. Then create a new mystyle.css file within the .css folder. To include the file, you must edit the header.php file.

SOURCE AND MORE

◉**WordPress Web Design**

◉**For Dummies**

◉**Lisa Sabin-Wilson**

WORDPRES THEMES

Free Themes:

http://wordpress.org/themes/browse/new/

http://designscrazed.net/free-premium-wordpress-themes/

http://www.wpulti.net/best-free-wordpress-themes/

http://colorlib.com/wp/themes/

Just search :wordpress free themes and you'll find tons.

WORDPRES THEMES

◉**Woothemes:**

◉**http://www.woothemes.com/2011/07/empire/**
http://www.woothemes.com/2011/04/saving-grace/ …

◉**http://www.woothemes.com/2009/11/bueno/**

WORDPRES THEMES

◉ Theme Forest Themes:

◉ EcoSystem:

◉ http://themeforest.net/item/ecosystem-a-versatile-full-featured-theme/64506

◉ Light of Peace:

◉ http://themeforest.net/item/light-of-peace-wordpress-template/120416

◉ Comfort Zone:

◉ http://themeforest.net/item/comfort-zone/129955

WORDPRES THEMES

◉ Born:

◉ http://themeforest.net/item/born-the-html-template-for-churches/600696

◉ http://themeforest.net/item/amphawa-for-business-corporate-portfolio/236063

◉ http://themeforest.net/item/dandelion-powerful-elegant-wordpress-theme/136628

THEMES AND YOUR WEBSITE

◉ Bringing in a theme

◉ Installing a theme

◉ Changing to a new theme

◉ Changing your theme

RESOURCES

◉ **WordPress Web Design for Dummies**
◉ **WordPress All In One for Dummies**
◉ **Handouts and freebies I've gathered along the way.**
◉ **Lots of great resources on the web for WordPress.**
◉ **Monthly PowerPoint handouts**
◉ **http://home.comcast.net/~cnmpat/WordPress-SIG.html**