WORDPRESS

WITH GUY ROUTLEDGE

@GUYROUTLEDGE | #FEWD

AGENDA

- Intro to Wordpress
- Building a Custom Theme

QUESTION

When you finish your project, put it online and then want to make a change to the content, how would you do that?

QUESTION

What if you made the website for a client? How would they update the content?

OBJECTIVE

Enable clients and non-coders to keep a sites content updated.

Separate our the content from the code by using a database and page templates.

WORDPRESS

76,221,702
WordPress Sites in the World

WHAT IS

WHAT IS WORDPRESS?

- A hosted solution for your blog or website
- A self-hosted website development framework
- A Content Management System (CMS)
- Written in PHP, HTML, CSS and JS
- Themeable and pluggable
- Nothing special
- **Very** powerful and flexible

WHY USE A CMS?

- Keep content separate from code
- Multi language support
- Organisation and asset management
- User management and permissions
- Allow site updates without knowing code
- Change the visual design without touching content (themes)

HOSTED SOLUTION

AMAS Property

SELF-HOSTED SOLUTION

The Food Rush

SELF-HOSTED SOLUTION

OPTION 1 - THE ONLINE ENTREPRENEUR METHOD:

- Install WP on your own hosting
- Find & Install a theme
- Add content
- Add advertising
- PROFIT!

SELF-HOSTED SOLUTION

OPTION 2 - THE PRO METHOD:

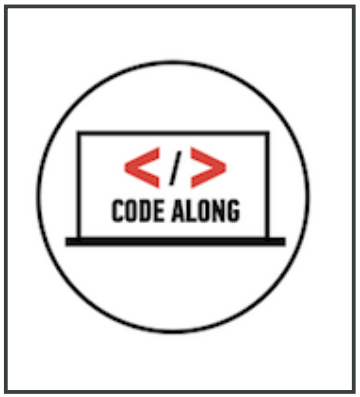
- Develop locally
- Bring your own dev environment
- Build custom themes from scratch
- Manage through version control
- Deploy a stable site
- PROFIT!

WORDPRESS AS A BLOGGING PLATFORM

POSTS & PAGES

Posts and pages are made up of different *pieces of content* that are edited via a web admin interface.

- Title
- Content
- Tags
- Categories
- Featured Image
- Author
- Custom Fields



WORDPRESS

http://wpbc.guyroutledge.co.uk
http://wpbc.guyroutledge.co.uk/wp-admin

INSTALLING WORDPRESS LOCALLY

INSTALL MAMP

MAC APACHE MYSQL PHP

Download MAMP

DOWNLOAD WORDPRESS

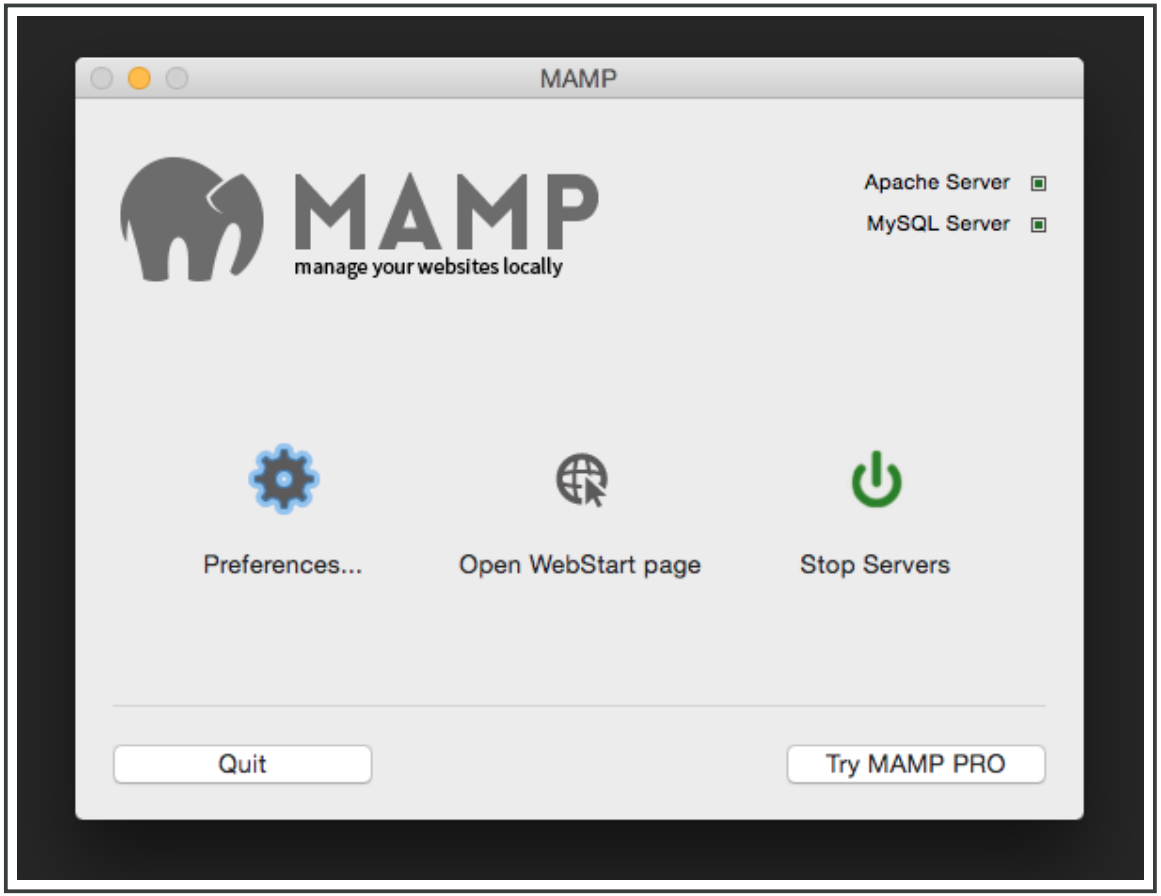
Download the lastest version and unzip into your document root **http://wordpress.org/download**

Unzip to your Desktop

MAMP PREFERENCES

- Set port 8888 for Apache
- Set port 8889 for MySQL
- Set the PHP version to 5.2.4+
- Set the document root eg `~/Desktop/wordpress`

START MAMP SERVERS



NAVIGATE TO THE MAMP START PAGE

http://localhost:8888

CREATE A DATABASE

Click the link to phpMyAdmin

- Enter database name eg. "wordpress"
- Click "Create"

INSTALL WORDPRESS

Navigate to **`localhost:8888`**

Run through the installation instructions using these settings:

```
Database Name: wordpress
User Name (database): root
Password (database): root
Database Host/server: localhost
Table Prefix: wp_
```

URLS

Once installed, you can view the front-end of your WP site by browsing to `http://localhost:8888` and to the WP dashboard by going to `http://localhost:8888/wp-admin`.

WP FILES

The front-end code of a WP site is storred in a "theme".

This can be found in the `/wp-content/themes/` directory

WP FILES

Every theme needs to have an `index.php` and a `style.css` file in the theme root folder to be valid. Only valid themes can be activated and used by your WP installation.

Theme settings are found from the WP Admin > Appearance > Themes menu.

WP FUNCTIONS

Wordpress provides a load of PHP functions to perform common tasks of building templates and fetching content from the database.

```php
<?php echo get_template_directory_uri(); ?>
<?php get_header(); ?>
<?php get_footer(); ?>
<?php get_sidebar(); ?>
<?php the_post(); ?>
<?php the_title(); ?>
<?php the_content(); ?>
<?php the_date(); ?>
<?php echo get_the_date(); ?>
```

And many more:
https://codex.wordpress.org/Function_Reference

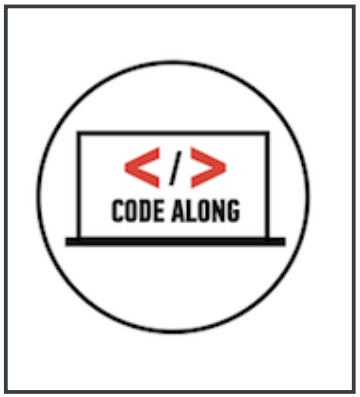
THE WP LOOP

WP "knows" the content that's been requested on any given page based on the URL. We can output that content with the WP loop:

```
<?php if ( have_posts() ): ?>
    <?php while ( have_posts() ): ?>
        <?php the_post(); ?>
        <?php // content for each post ?>
    <?php endwhile; ?>
<?php endif; ?>
```

THE WP LOOP

For single posts and single pages, we don't need to loop through the found posts, we can just set up the post data with `<?php the_post(); ?>` instead.



CONVERTING THE FASHION BLOG