
Converting a Static HTML Site to WordPress

Web 2 - Class Reference Guide

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1. MAMP Setup

- Download and install MAMP from mamp.info



- Download the latest version of WordPress from wordpress.org



- Unzip WordPress download in Downloads folder
- Rename “wordpress” to “wp_lastname”
- Move wp_lastname folder to inside of:
Applications -> MAMP -> htdocs

2. PHPMyAdmin/MySQL Setup

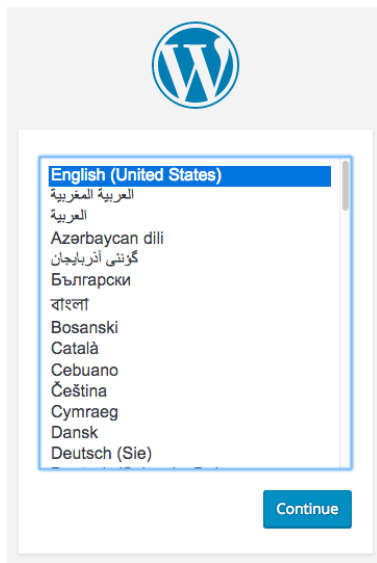
- Open MAMP (Applications -> MAMP)
- Start Servers
- In launch page that appears, go to Tools (at the top) -> PHPMyAdmin
- Go to Databases tab -> Create database -> wp_[lastname]_port -> Create
- Next, go to Privileges tab -> "New" section -> Add user
- Username: wp_[lastname]dbadmin
- Host: Local (from drop-down menu)
- Password & re-type it below (write credentials down on paper)
- Check all global privileges button
- Go (bottom right)

Dreamweaver Setup

- Open htdocs folder, double-click your WordPress install, then open wp-config-sample.php in Dreamweaver
- Find MySQL settings in code
- Replace 'database_name_here', 'username_here', and 'password_here' with respective info

3. WordPress Admin Setup

- Go to <http://localhost:8888/> in Chrome or preferred browser
- Navigate to WordPress install
- Follow steps to set up WordPress



- Write down username and password that you will create
- Log in to your WordPress dashboard
- Add pages and categories (ex. Portfolio page and portfolio category) and example posts in categories

4. Splitting HTML File

- Create a new PHP file in Dreamweaver with Doctype: HTML5
- Save as header.php in site folder
- Copy top of document to end of header (from original index.html file from the static site)
- Paste into the blank header.php file
- Do the same for footer, index
- footer.php: copy from footer to end of document
- index.php: everything else that hasn't been copied

Stitch together for WordPress

- Add `<?php get_header();?>` to top line of index.php
- Add `<?php get_footer();?>` to last line of index.php
- In header.php, replace title with `<?php bloginfo('name');?>`

```
5 <title><?php bloginfo('name');?></title>  
6 <link href="<?php bloginfo('stylesheet_url');?>" rel="stylesheet" type="text/css">
```

5. Creating the Theme

- In the MAMP Htdocs folder > create new folder (titled with your name)
- Move wp-content into this folder and open themes
- Then create a new folder for your Portfolio Theme
- Open the Dw files and copy the header
- Create a new PHP file paste header
- Go back to original file / copy index section
- Paste index into its own new PHP file
- Repeat this process for footer too

In the header PHP

- change the title
- `<title><?php ?></title>`
- in the space after php add `bloginfo();`
- the final tag reads: `<title><?php bloginfo();?></title>`
- inside of `bloginfo();` add parameters: `('stylesheet_url');`
- `<title><?php bloginfo('stylesheet_url');?></title>`
- delete `` inside of `` tags

Creating the Theme

- Open style.css located within your site folder
- Replace charset with:

/*

Theme Name: [Name of your theme]

Theme URL: [URL of soon-to-be-running website]

Description: Theme designed for portfolio in Web 2 Myers School of Art

Author: Your name

Author URL: Your website

*/

Screenshot.png in theme folder

- Take a screenshot of your existing site in the browser
- Rename to screenshot.png
- Move to site folder

Move site folder to inside htdocs -> [Your WordPress install folder] -> wp-content -> themes

Activate new theme in WordPress appearance

6. Site Navigation and WordPress Loop

Navigation

- Instead of li's, replace with: `<?php wp_list_pages('sort_column=menu_order&depth=1&title_li');?>`

WordPress Loop

- In between main on index.php:

```
<!--wordpress loop-->
```

```
<?php if (have_posts());?>
```

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

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

```
<?php endwhile;?>
```

```
<?php else : ?>
```

```
<h2>No Posts Found - Nothing to see here</h2>
```

```
<?php endif;?>
```


7. Portfolio Page

- Save and duplicate index.php in theme folder
- Rename to portfolio.php
- Open in Dreamweaver
- Add to top:

```
<?php
```

```
/*
```

```
Template Name: Portfolio
```

```
*/
```

```
?>
```

- Add: `<?php query_posts('category_name=portfolio');?>` before if have_posts command

```
10 <!--wordpress loop-->
11 <?php query_posts(
    'category_name=portfolio');?>
12 <?php if (have_posts());?>
```



- In WordPress dashboard, go to Portfolio page you created
- Change template to Portfolio
- Update page

8. All Other Pages and Advanced Custom Fields

- Portfolio page front-end should now display example posts you created

Repeat process for all other site pages (about, contact, news)

- Duplicate PHP file, edit template name, edit category name
- Save and make sure changes are working

Advanced Custom Fields for Portfolio Thumbnails

- Add and activate ACF plugin (green logo)
- ACF Settings creat New Group - (e.g.: Portfolio)
- Add fields port_thumb, port_medium, port_large
- Set field to Image - with Image URL checked
- In portfolio.php, add `<?php the_field ('port_thumb');?>` to line xx
- Depending on stylesheet and how static site was built, may need to wrap li's around command

9. Wrapping Up

Header Logo/Images

- Image files in the theme folder can be accessed through: ``
- Example: ``

Clickable Portfolio Pieces

- Wrap a href tags around li's for Magic Fields

single.php for Portfolio Project Pages

- Duplicate index.php -> rename to single.php
- Open in Dreamweaver
- `<h2><?php the_title();?></h2>` (or any HTML heading tag of your liking)
- Create custom Magic Field: port_medium
- Insert code for port_medium into single.php

10. For Single Page Site Designs

- Use index.php
- Make sections in divs inside main:
<div class="portfolio" id="portfolio"></div>
- Grab WordPress loops from pages
- Paste inside divs: change category_name, <?php the_content();?> instead of get_image command for everything except portfolio section