SETTING UP WORDPRESS

anagram

Required downloads

- http://www.sublimetext.com/2 (text editor)

- https://wordpress.org/download/ (the files we'll install)

- **Mac OSX** - http://www.mamp.info/en/downloads/ (your local server application)

- **Windows** - https://www.apachefriends.org/index.html (your local server application)

- https://filezilla-project.org/ (or any FTP client of your choice)

Why use Wordpress?

- Wordpress started as blogging software that let you manage your posts and content

- over time, it became more robust to support more than posts, and because it is open source there is a lot of plugin and theme support to get sites built fast

- assembling plugins in a meaningful way can make your Wordpress site more:
  - social community
  - online store
  - booking system
  - crowdfunding platform

- PHP and MySQL are supported by many hosts

In the wild

- Time (time.com)

- Google Ventures (www.gv.com)

- Sony Music (www.sonymusic.com)

- Boingo Wireless (www.boingo.com)

- Fortune (fortune.com)

- Justin Bieber (www.justinbiebermusic.com)

- RCKTSHP (www.rcktshp.com)

- Fairgoods blog (blog.fairgoods.com)
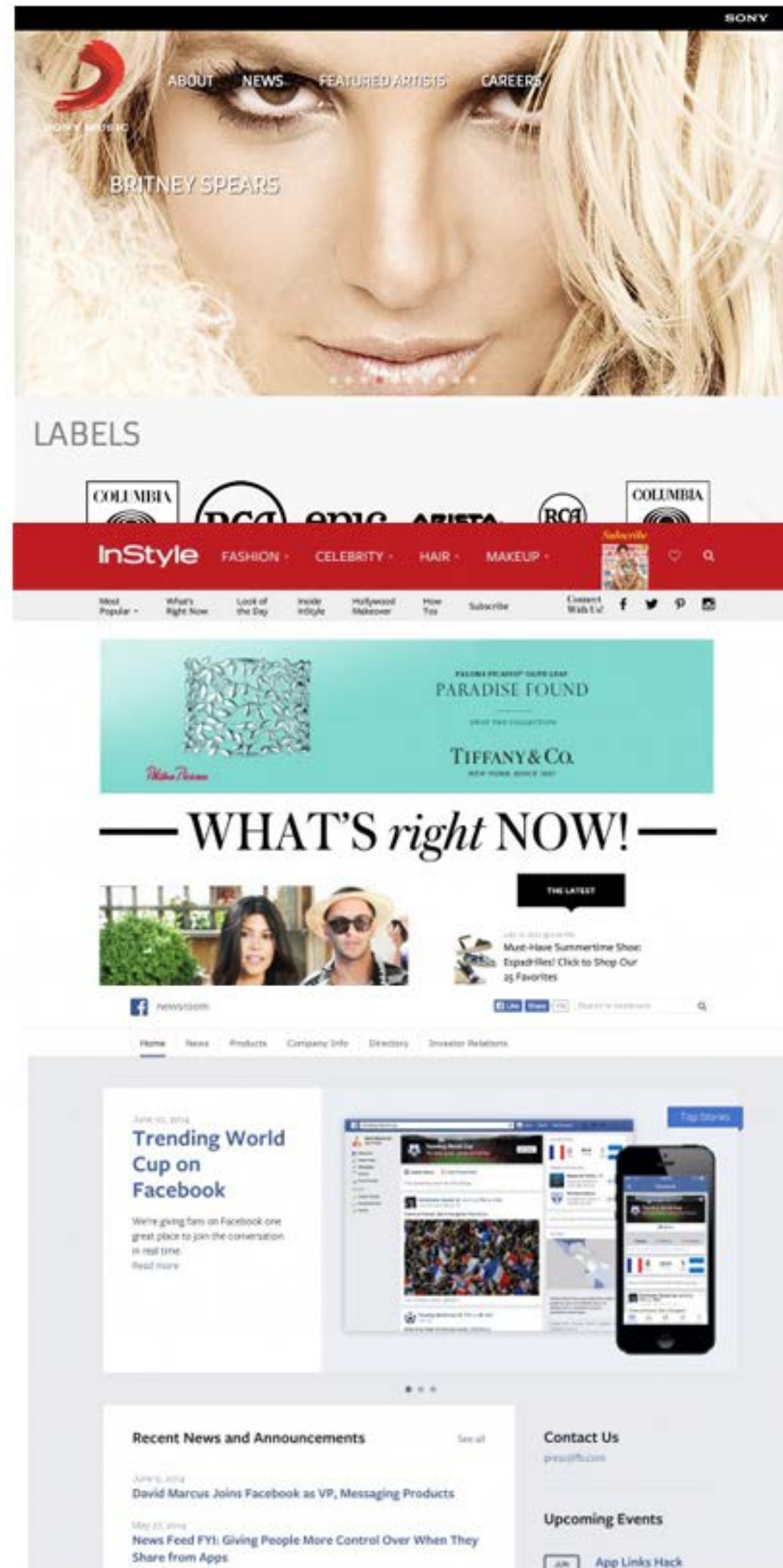
Wordpress.com vs. wordpress.org

- ## Wordpress.com
  - hosted by WP
  - can't install plugins
  - choose from provided themes
  - can use your domain to point to hosted site

- ## Wordpress.org
  - open source
  - provide your own hosting
  - hundreds of plugins to choose from
  - download and customize themes
  - in charge of your own upgrades

WordPress.com	WordPress.org
Focus on your beautiful content, and let us handle the rest.	*Get your hands dirty, and host your website yourself.*
Premium hosting, security, and backups are included. You can even upgrade to a custom domain, like YourGroovyDomain.com.	You'll need to find a host, and perform backups and maintenance yourself. We offer VaultPress for security and backups.
Choose from hundreds of beautiful themes. Make it your own with Custom Design.	Install custom themes. Build your own with PHP and CSS.
Integrate your site with Facebook, Twitter, Tumblr, and other social networks.	Install a plugin, like Jetpack, to enable sharing functionality on your site.
Popular features like sharing, stats, comments, and polls are included. There's no need to install plugins.	Install plugins to extend your site's functionality.
Personal support and the WordPress.com forums are always available.	Visit the WordPress.org support forums for assistance.
You must register for an account on WordPress.com and abide by our Terms of Service.	No registration with WordPress.org is required.

Why set up a local site?

- free :)

- safe place to experiment

- intermediate site before making live changes
  - local
  - staging
  - production

- can work offline

- files available on computer to use with your choice of versioning system
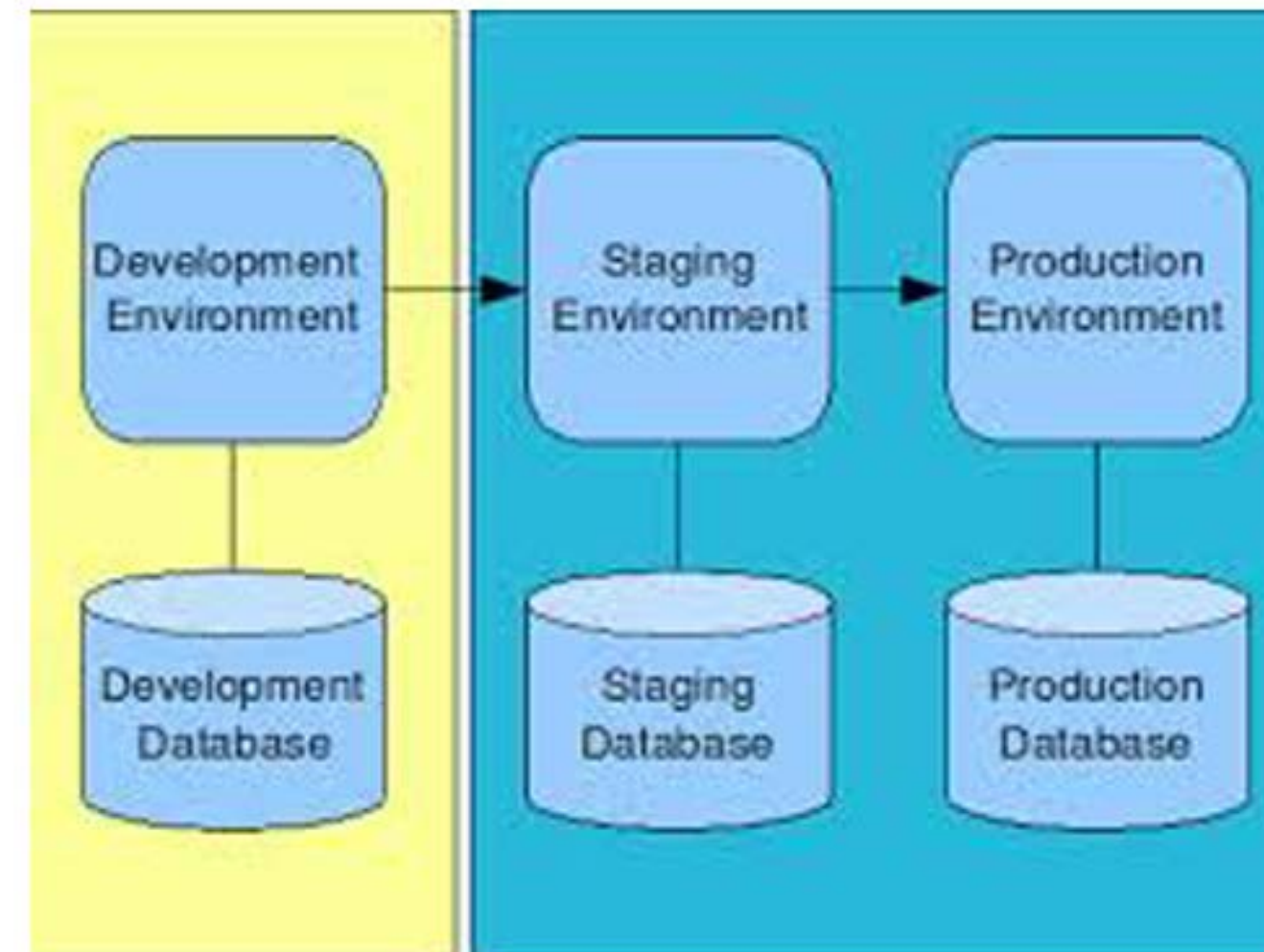
Extracting your files

- choose a location you can easily find (i.e. Projects/ (sitename)

- you'll tell MAMP where these files are

- feel free to rename your "wordpress" folder

- these are the PHP files that drive the Wordpress CMS
  - wp-admin - stuff you see when logged in
  - wp-content - themes, plugins, uploads
  - wp-includes - modularized parts of WP
  - most of what we do will be within the wp-content directoryUse good naming conventions

Wordpress files

```
index.php
license.txt
readme.html
wp-activate.php
wp-admin/
wp-blog-header.php
wp-comments-post.php
wp-config-sample.php
wp-content/
wp-cron.php
wp-includes/
wp-links-opml.php
wp-load.php
wp-login.php
wp-mail.php
wp-settings.php
wp-signup.php
wp-trackback.php
xmlrpc.php
```
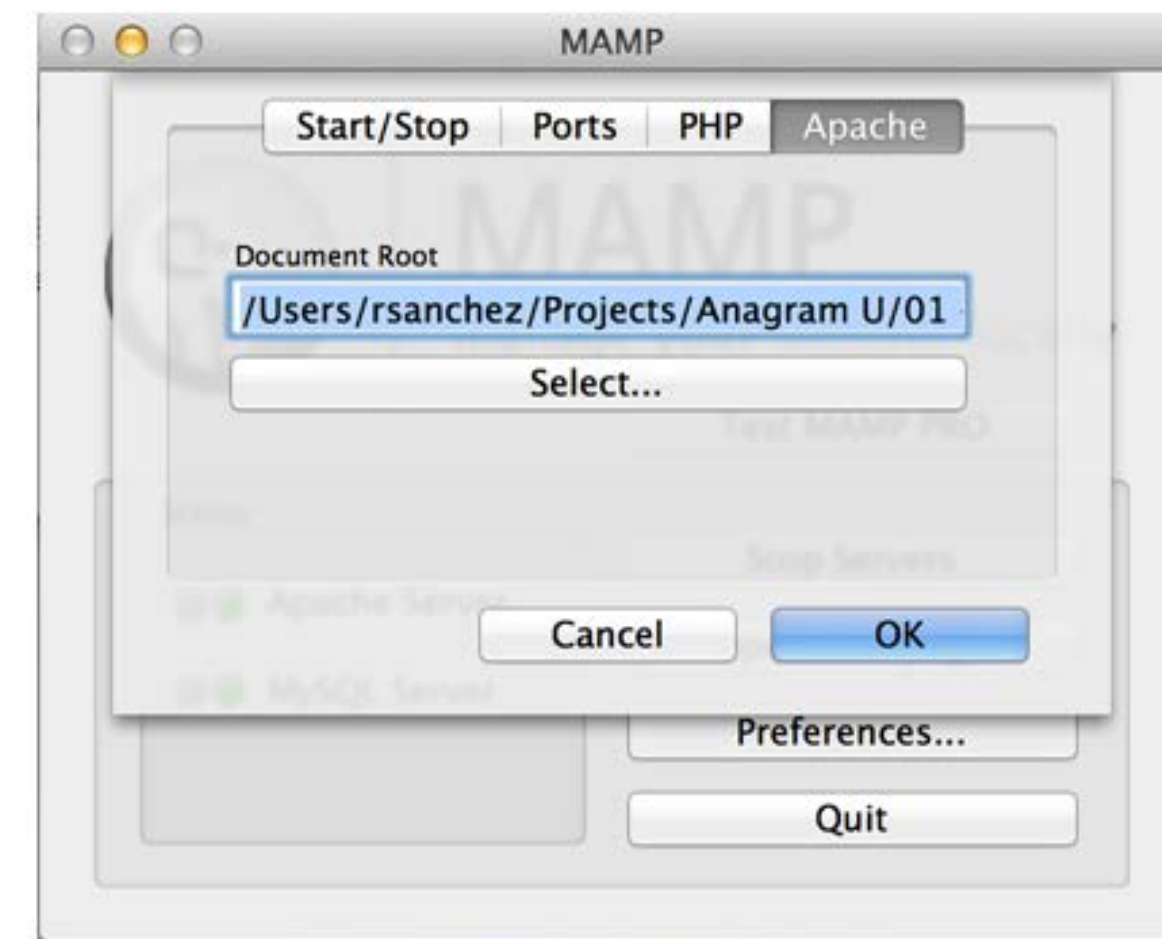
MAMP

- Mac OSX
- Apache - web server
- MySQL - database management system
- PHP - programming language

- Launch MAMP, not MAMP PRO
  - (unless you have the $$$)

- Click on Preferences > Apache,
  under "Document Root" select
  the location you have your
  wordpress files

- Start Servers

XAMPP

http://teamtreehouse.com/library/local-wordpress-development/local-wordpress-development/installing-a-local-web-server-on-a-pc
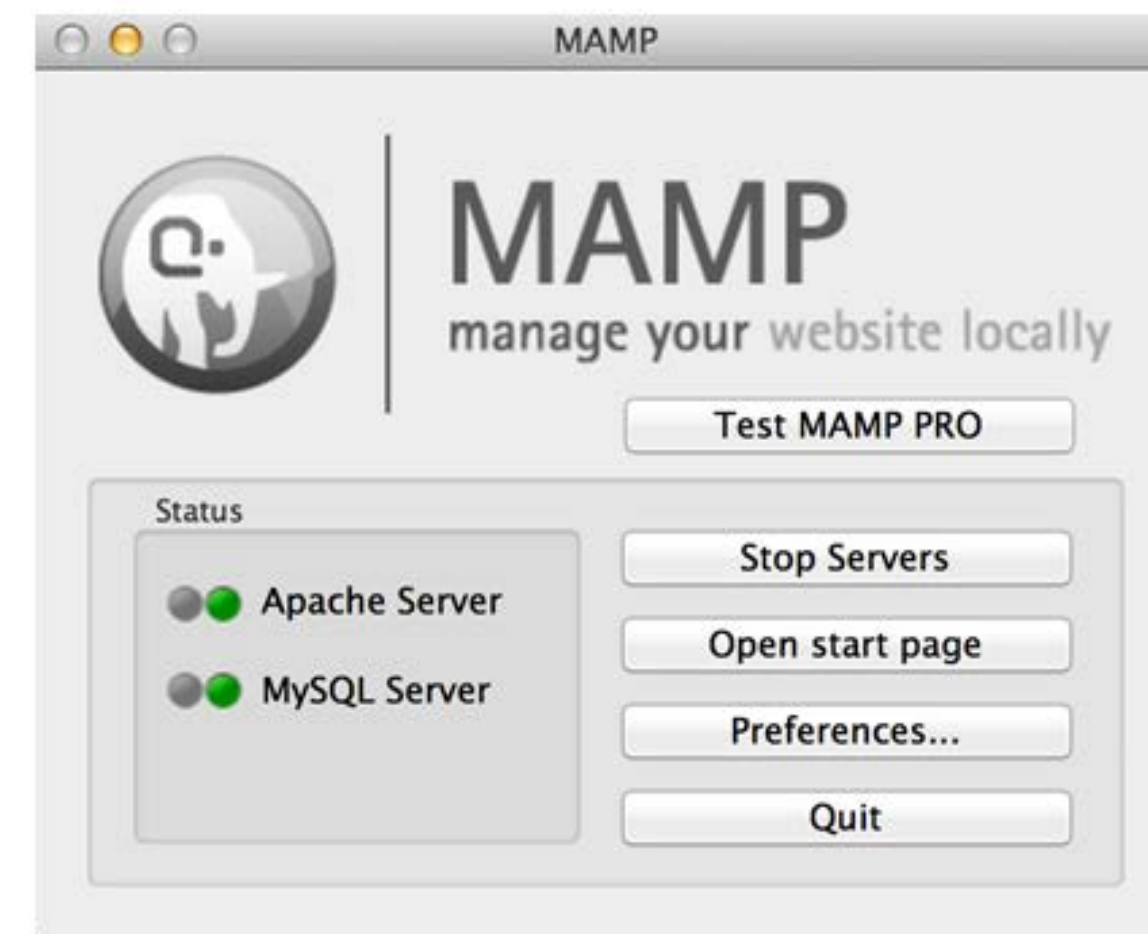
Wordpress database

- Wordpress uses a database to manage its content

- database content + PHP = web-servable content to view in a browser

- if you want to set up a live site, it needs its own database too

- you can migrate data via MySQL export or through Wordpress' export feature (gives you an xml file)

categories/tags

posts   pages

etc.

users   settings

Set up your database

- go to http://localhost:8888 in a browser

- Wordpress should error at this point, requiring database information

- open a text editor and open wp-config-sample.php

- rename it to wp-config.php

- refresh your browser

- run the install

- give basic site information

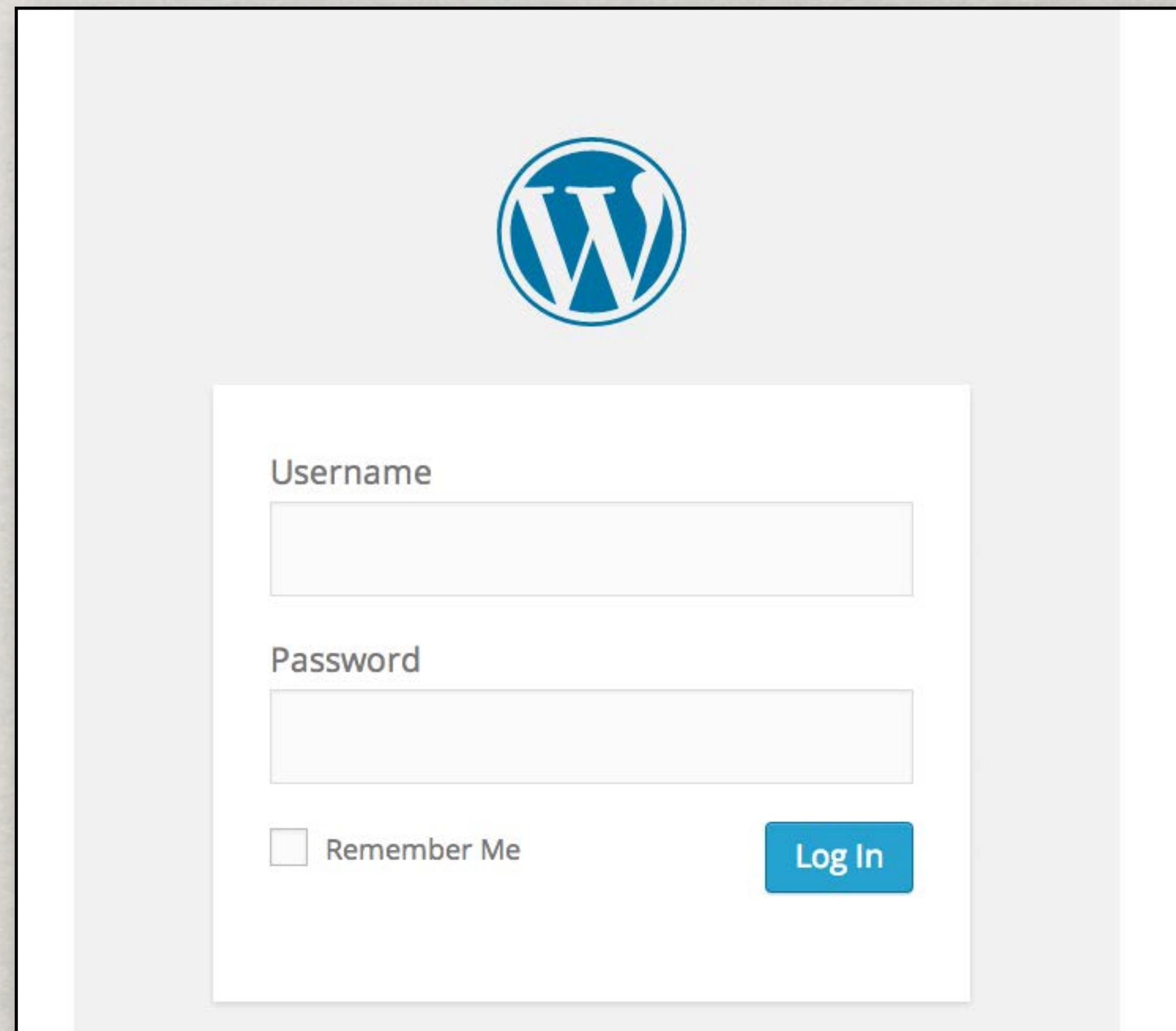- uncheck the "allow search engines to index the site"

Now you have a website!

- posts are pieces of content that have a chronological aspect or can be categorized/ tagged
  - by default posts have comments

- pages are pieces of content that are static

- change permalink structure
  - http://localhost:8888/2014/06/sample-post/
  - http://localhost:8888/sample-post/

- add plugins
  - Contact Form 7
  - SEO
  - WordPress SEO by Yoast
  - BuddyPress
  - http://wpengine.com/support/disallowed-plugins/

- change themes
  - wordpress.org/themes (free)
  - Theme Forest (paid)

Moving your site up to a server

- connect to the the server using the FTP info provided

- move all the files in your site folder
  - be aware of overwriting anything on your server — you will need to plan if you need to merge content or if it will just be a one-way process

- creating databases will have to be done through Plesk on MediaTemple
  - when you create the database on your server it may look different from phpMyAdmin, but the process is the same
  - try to use the same database name and user name as in your wp-config.php file