WORDPRESS FUNDAMENTALS

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Think of this as a discussion, not lecture!

TOPICS TONIGHT

WordPress fundamentals

- Getting started (pages, posts, oh my)
- What I wish I knew when starting
- Useful sites

Advanced WordPress

- Installing a virtual testing environment
- Hands on (you brought your laptop, right?)
- Next month – build a plugin and test it

More Discussion

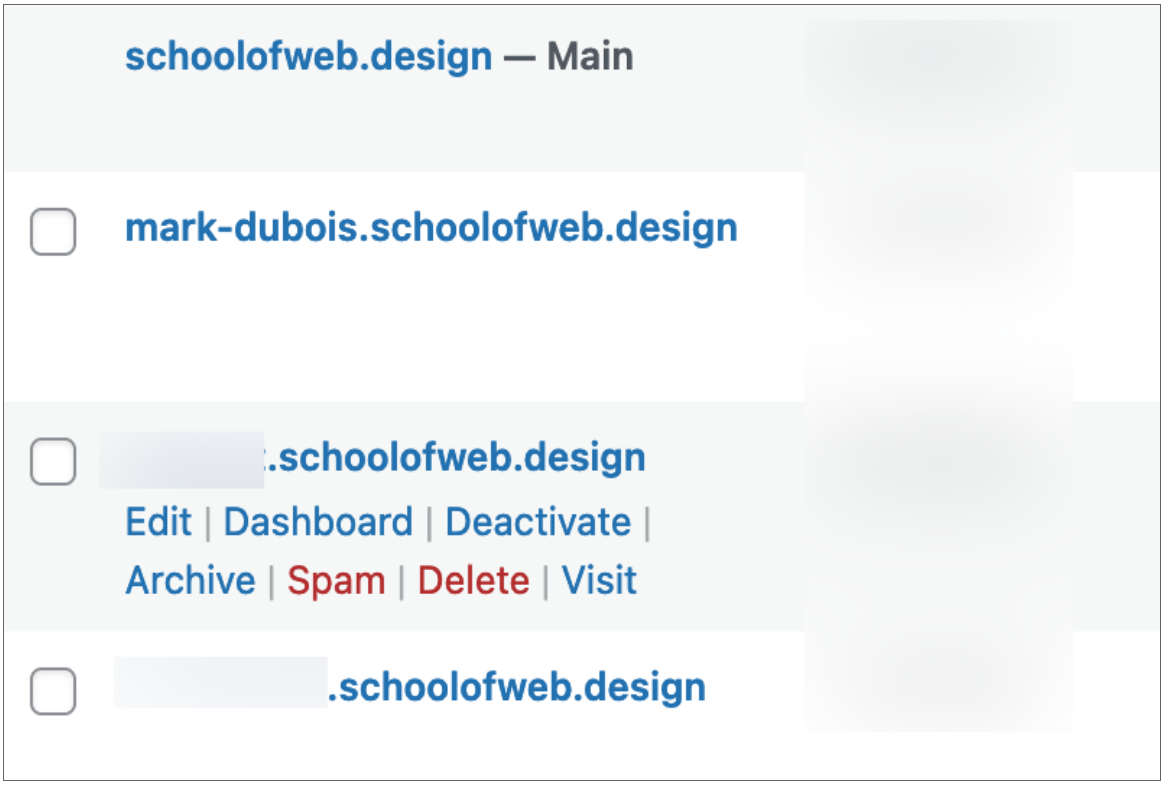
GETTING STARTED

WordPress?

- Powers roughly 40% of websites these days
- Scalable (Taylor Swift named Time POY) 100K requests/ second
- **WordPress.com** (managed hosting)
    - **Automattic**
- **WordPress.org** (you need a host)
- Multi-user WordPress

GETTING STARTED (2)

Example of part of a WP Multi-site environment (subdomains or / are options when initially creating).



GETTING STARTED (3)

Basics?

- Pages
- Posts
- Plugins
- Themes

GETTING STARTED (4)

- Installation and hosting discussion
- Initial configuration decisions discussion
- Backup and recovery discussion
- Security (plugins) discussion

WHAT I WISH I KNEW WHEN I STARTED

- White screen of death is not that big a deal (as long as...)
- Stick with core set of plugins
- Enable auto updates for plugins and themes
- What else?

USEFUL SITES

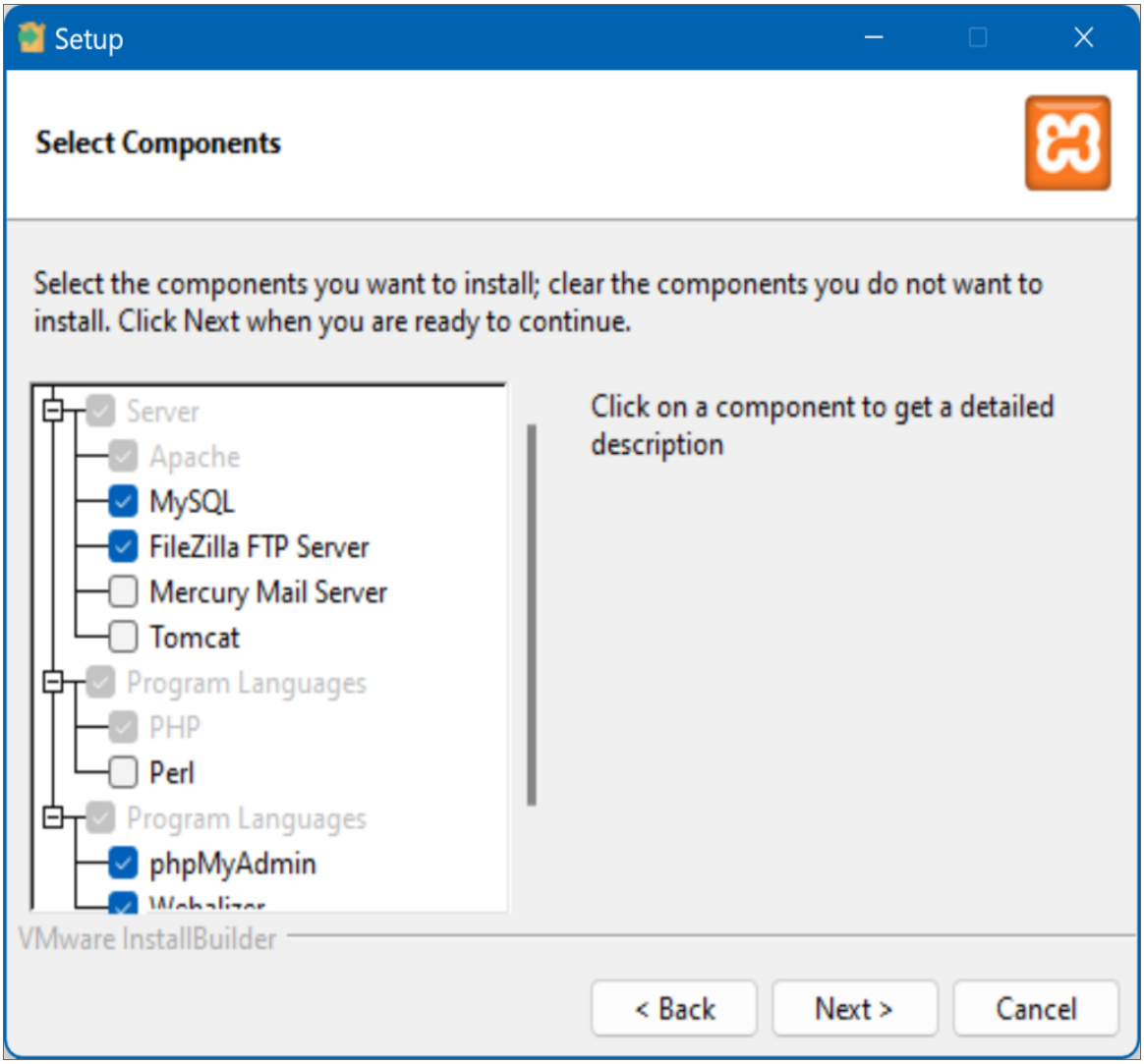
- **WP Beginner**
- **WordPress tutorials**
- What else?

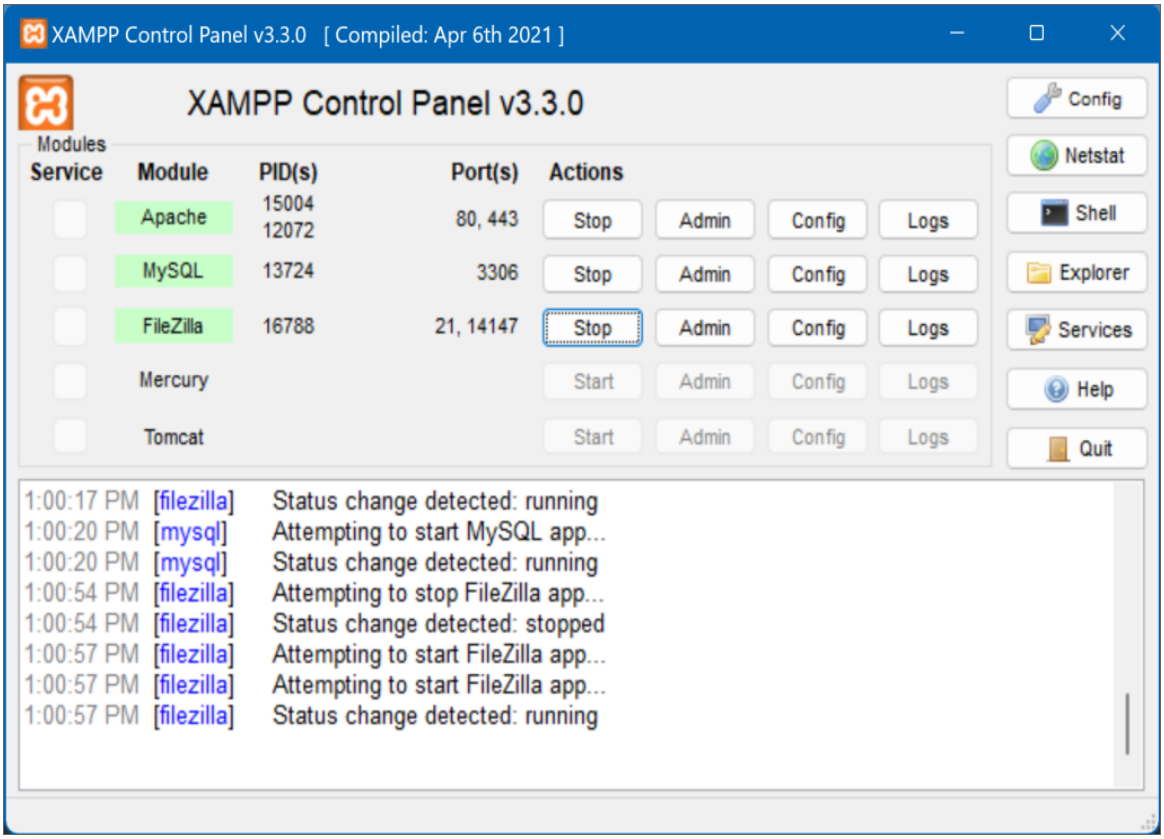
WHAT DO YOU WANT TO KNOW?

- Let’s focus on basics for now
- Separate section on more advanced topics later tonight

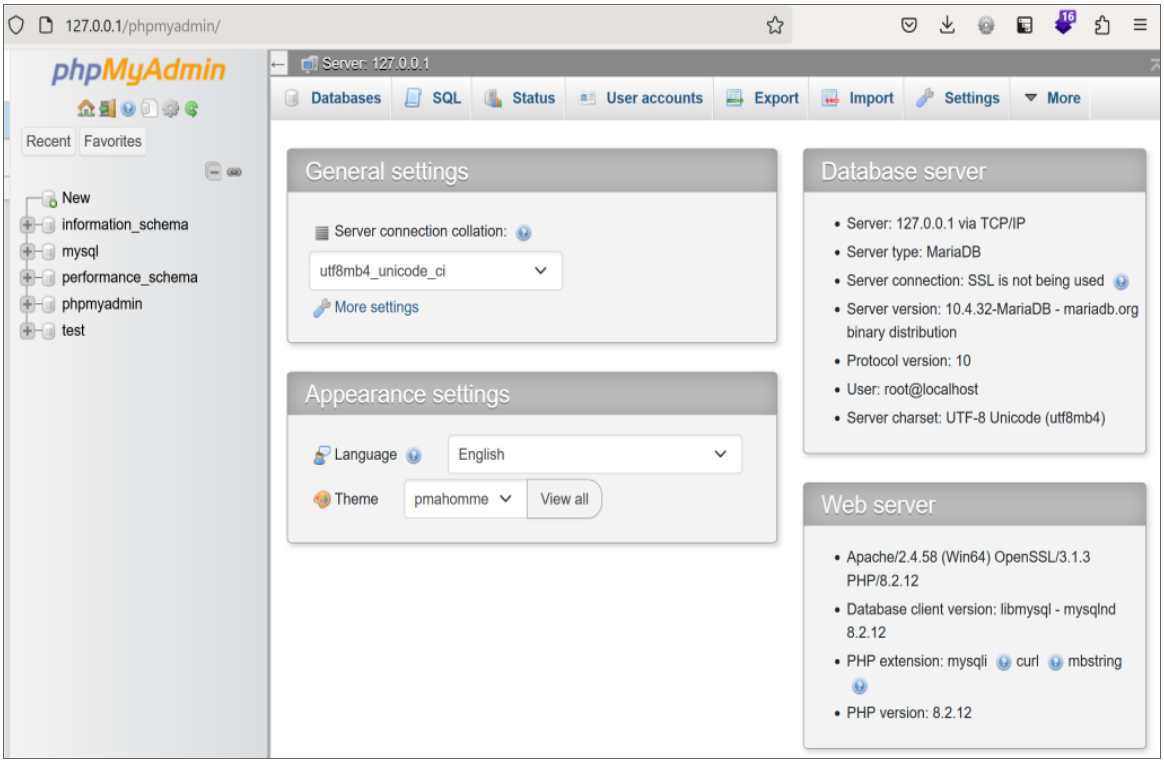
INSTALLING VIRTUAL TESTING ENVIRONMENT

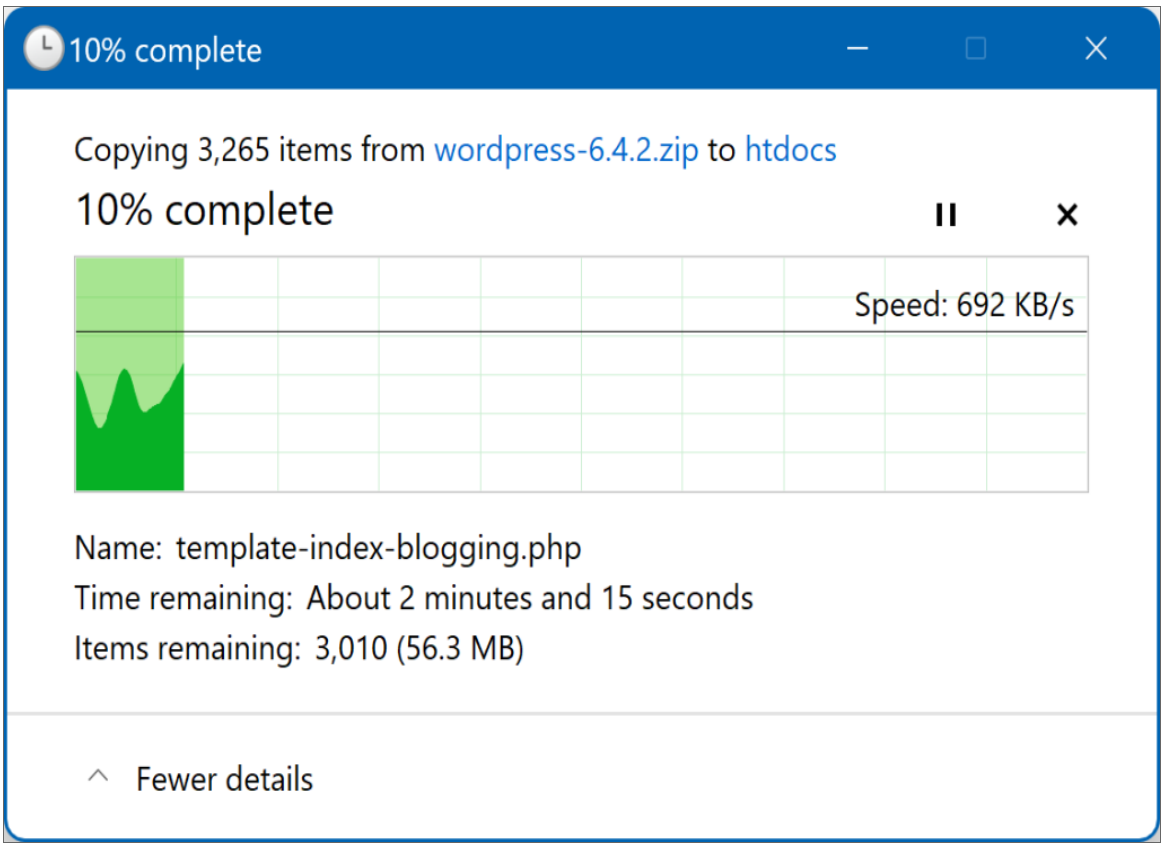
- Many choices
- **WordPress Playground** (browser as server)
- **XAMPP** (one we will use)


Setup
Select Components
Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.
Server
Apache
MySQL
FileZilla FTP Server
Mercury Mail Server
Tomcat
Program Languages
PHP
Perl
Program Languages
phpMyAdmin
Click on a component to get a detailed description
VMware InstallBuilder
< Back
Next >
Cancel

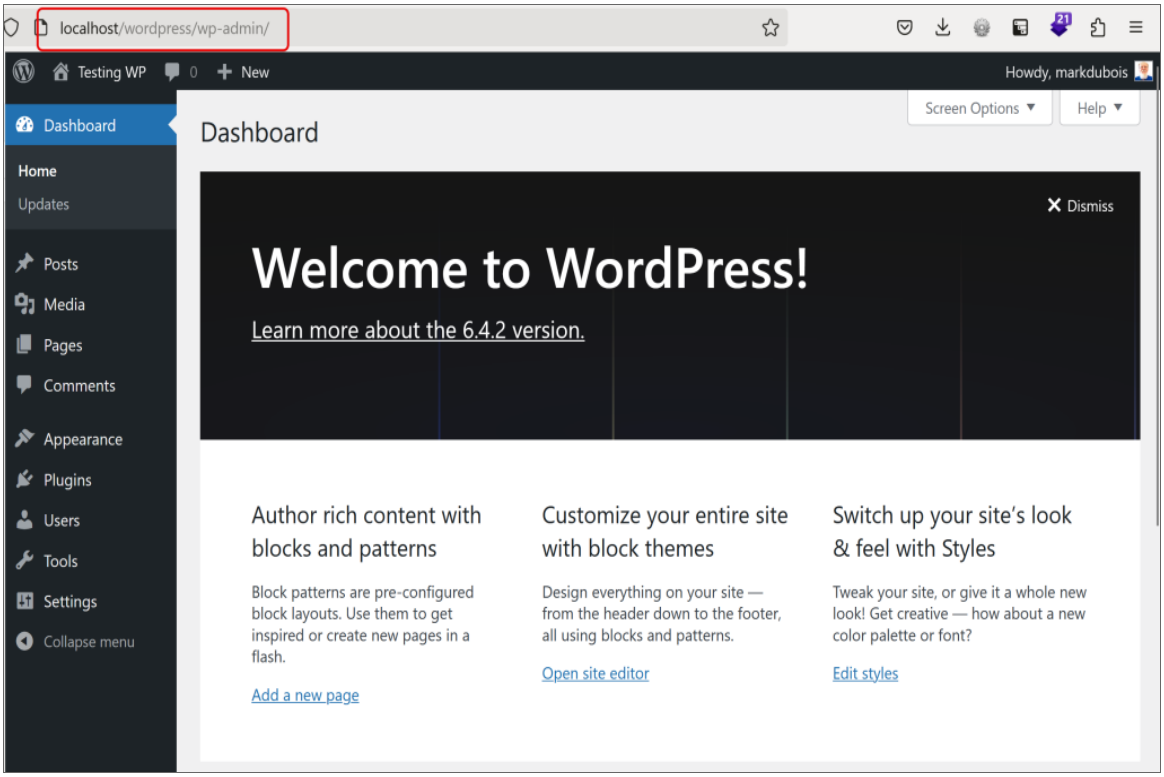

XAMPP Control Panel v3.3.0 [Compiled: Apr 6th 2021]
XAMPP Control Panel v3.3.0
Modules
Service
Module
PID(s)
Port(s)
Actions
Apache
15004
12072
80, 443
Stop
Admin
Config
Logs
MySQL
13724
3306
Stop
Admin
Config
Logs
FileZilla
16788
21, 14147
Stop
Admin
Config
Logs
Mercury
Start
Admin
Config
Logs
Tomcat
Start
Admin
Config
Logs
Config
Netstat
Shell
Explorer
Services
Help
Quit
1:00:17 PM [filezilla] Status change detected: running
1:00:20 PM [mysql] Attempting to start MySQL app...
1:00:20 PM [mysql] Status change detected: running
1:00:54 PM [filezilla] Attempting to stop FileZilla app...
1:00:54 PM [filezilla] Status change detected: stopped
1:00:57 PM [filezilla] Attempting to start FileZilla app...
1:00:57 PM [filezilla] Attempting to start FileZilla app...
1:00:57 PM [filezilla] Status change detected: running

Welcome to XAMPP
127.0.0.1/dashboard/
Tree Style Tab
Welcome to XAMPP
Apache Friends
FAQs
HOW-TO Guides
PHPInfo
phpMyAdmin
XAMPP Apache + MariaDB + PHP + Perl
Welcome to XAMPP for Windows 8.2.12
You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the FAQs section or check the HOW-TO Guides for getting started with PHP applications.
XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others.


127.0.0.1/phpmyadmin/
phpMyAdmin
Recent
Favorites
New
information_schema
mysql
performance_schema
phpmyadmin
test
Server: 127.0.0.1
Databases
SQL
Status
User accounts
Export
Import
Settings
More
General settings
Server connection collation:
utf8mb4_unicode_ci
More settings
Appearance settings
Language
English
Theme
pmahomme
View all
Database server
Server: 127.0.0.1 via TCP/IP
Server type: MariaDB
Server connection: SSL is not being used
Server version: 10.4.32-MariaDB - mariadb.org binary distribution
Protocol version: 10
User: root@localhost
Server charset: UTF-8 Unicode (utf8mb4)
Web server
Apache/2.4.58 (Win64) OpenSSL/3.1.3 PHP/8.2.12
Database client version: libmysql - mysqlnd 8.2.12
PHP extension: mysqli curl mbstring
PHP version: 8.2.12


10% complete
Copying 3,265 items from wordpress-6.4.2.zip to htdocs
10% complete
Speed: 692 KB/s
Name: template-index-blogging.php
Time remaining: About 2 minutes and 15 seconds
Items remaining: 3,010 (56.3 MB)
Fewer details

Below you should enter your database connection details. If you are not sure about these, contact your host.
Database Name
testwp
The name of the database you want to use with WordPress.
Username
root
Your database username.
Password
password
Show
Your database password.
Database Host
localhost
You should be able to get this info from your web host, if localhost does not work.
Table Prefix
xwp_
If you want to run multiple WordPress installations in a single database, change this.
Submit


localhost/wordpress/wp-admin/
Testing WP
0
New
Howdy, markdubois
Dashboard
Home
Updates
Posts
Media
Pages
Comments
Appearance
Plugins
Users
Tools
Settings
Collapse menu
Dashboard
Screen Options
Help
Dismiss
Welcome to WordPress!
Learn more about the 6.4.2 version.
Author rich content with blocks and patterns
Block patterns are pre-configured block layouts. Use them to get inspired or create new pages in a flash.
Add a new page
Customize your entire site with block themes
Design everything on your site — from the header down to the footer, all using blocks and patterns.
Open site editor
Switch up your site's look & feel with Styles
Tweak your site, or give it a whole new look! Get creative — how about a new color palette or font?
Edit styles

WHAT DO YOU WANT TO KNOW?

- Basic information about WordPress
- More advanced aspects of WordPress
- Next month we create a couple plugins (PHP and HTML)

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Consider joining **WebProfessionalsGlobal.org**