

Web Development From the Ground Up, a Series for Novice Computer Users

Lecture 5

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Lecture Website:

<http://famousphil.com/09web>

Got a quick question?

I'm outside NSC225 WF from 3:10-3:50pm

(Check my calendar/email me to verify, I occasionally cancel)

Recap

- In the Last Lecture, We covered
 - PHP development introduction
- This lecture will
 - show how to get a page embedded in another page
 - Install a really simple text document manager that is written in PHP
 - focus on installing and integrating Wordpress into an existing website
 - Cover API Integration with a social site like Twitter
- Lecture 6 will
 - Demo a photo gallery
 - Show PHP Data Structures
 - Other PHP knowledge (ternary operator, sessions, cookies, helpful design strategies)
 - MySQL queries / security knowledge!
 - Recommended prereqs that will help you understand this lecture fully: CSE116, 250 (coding and data structure experience)

Modified / Added files

- <http://famousphil.com/09web/embedjs.htm>
- <http://famousphil.com/09web/embedcurl.php>
- <http://famousphil.com/09web/editeddata.php>
- <http://famousphil.com/09web/bloginc.php>
- <http://famousphil.com/09web/twitter.php>
- Folders:
 - editor/ .htaccess, .htpasswd, index.php
 - Blog
 - testdata/ pageinfo.txt

Embedding a page in another page

- Through PHP

- Use CURL – Safest Method

- Included function is handy

- Through JavaScript

- Use an Iframe / JavaScript as shown in the example

```
<iframe name="myframe" id="myframe" src="http://famousphil.com/09web/contact.php"
width="850" height="200" scrolling="auto" frameborder="0"></iframe>
```

```
<script type="text/javascript" src="resize.js"></script>
```

A simple text editor as a CMS

- CMS = content management system
- .htaccess password protection or CPanel
 - This script can modify your website, therefore it should be password protected!
- Permissions on text files - 777 (can be insecure) or 755
 - For 755 add apache user to the group or run php as the user
- Script itself should have permissions 755

Setting up a password protected directory through .htaccess

- Helpful info at:
- <http://www.elated.com/articles/password-protecting-your-pages-with-htaccess>

- Make the .htaccess file in the directory you wish to protect and add:

AuthUserFile /absolute/path/to/this/file/.htpasswd

AuthType Basic

AuthName "My Secret Folder"

Require valid-user

Make a .htpasswd file using ssh or something else:

ssh command: htpasswd -c .htpasswd user

OR

<http://shop.alterlinks.com/htpasswd/htpasswd.php>

Password protected directory in
CPanel (demo using x3 default theme)

Installing Wordpress

- Create a mysql database
- Upload the latest file and extract on the server
- Point the browser to the install directory of wordpress

Integrating WordPress into a site as a CMS – via ssh

```
wget http://wordpress.org/latest.zip
```

```
unzip wordpress-2.8.5.zip
```

```
mv wordpress/* ./
```

```
//make a mysql db via cpanel
```

```
//follow wordpress setup (goto where blog is  
installed)
```

```
//login and change password
```

Getting WordPress pages to work

- Include the following:

```
// Include Wordpress
```

```
define('WP_USE_THEMES', false);
```

```
//below is path to wordpress's file
```

```
require('./blog/wp-blog-header.php');
```

```
query_posts('page_id=2');
```

```
// page number found via hovering mouse in
```

```
//wp admin interface over the page link
```

Getting the content

```
<?php while (have_posts()): the_post(); ?>  
<!--<h2>  
<?php //the_title(); ?>  
</h2>-->  
<?php //the_excerpt(); ?>  
<?php the_content('<!--done-->'); ?>  
<?php endwhile; ?>
```

The above is a direct copy paste from [wordpress.org's](https://wordpress.org/documentation/) documentation

I don't print the title and the excerpt. Pages don't have multiple posts so this works perfectly although it is in a loop.

Posting your Twitter Feed on your site

- Example code has been included in the source folder for this lecture. Feel free to look at `twitter.php` for the source!