



# Computer Science E-75

## Building Dynamic, Scalable Websites

Harvard Extension School

<http://www.cs75.net/>

### Lecture 2: PHP, Continued

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# Forms

Search a Manual

Apache

MySQL

PHP

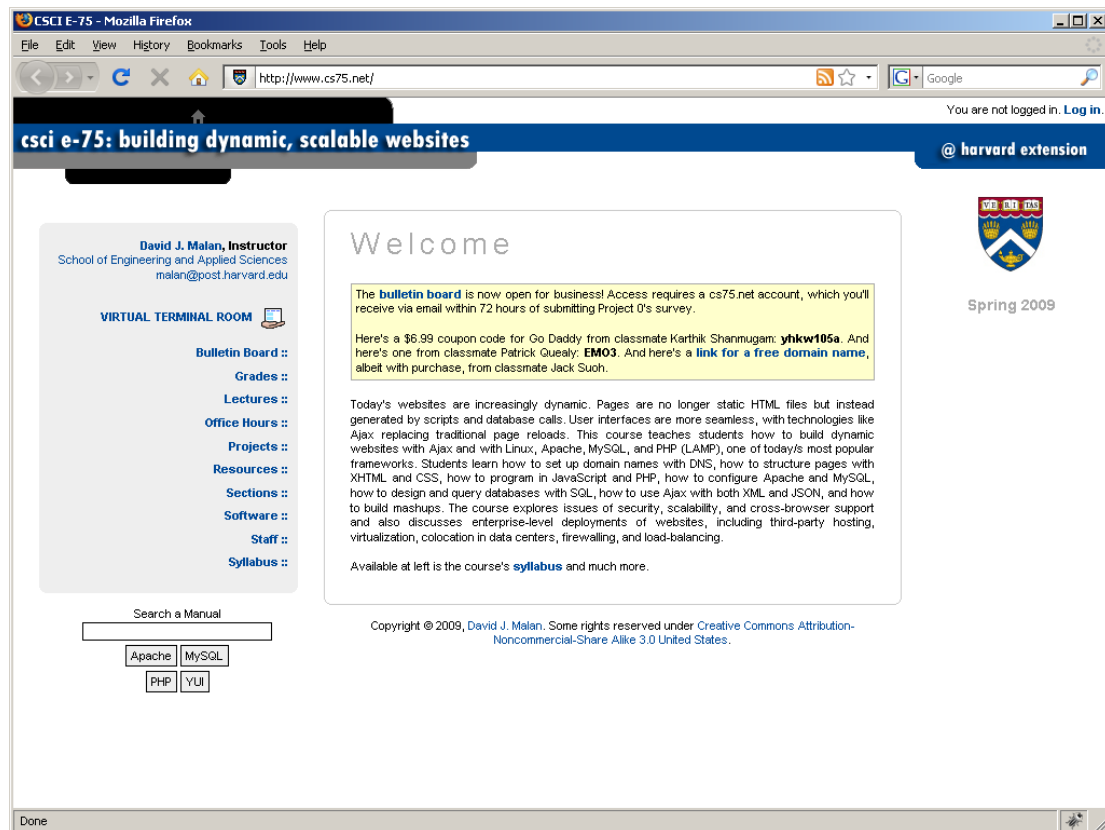
YUI

# Regular Expressions

<http://us3.php.net/pcre>

Regular Expression	Will match...
foo	The string "foo"
^foo	"foo" at the start of a string
foo\$	"foo" at the end of a string
^foo\$	"foo" when it is alone on a string
[abc]	a, b, or c
[a-z]	Any lowercase letter
[^A-Z]	Any character that is not a uppercase letter
(gif jpg)	Matches either "gif" or "jpeg"
[a-z]+	One or more lowercase letters
[0-9\.\-]	Any number, dot, or minus sign
^[a-zA-Z0-9_]{1,}\$	Any word of at least one letter, number or _
([wx])([yz])	wy, wz, xy, or xz
^[^A-Za-z0-9]	Any symbol (not a number or a letter)
([A-Z]{3} [0-9]{4})	Matches three letters or four numbers

# A Dynamic Website





# OOP

<http://us2.php.net/zend-engine-2.php>

# Cookies



Image from sgc.se.

# Sessions



# Authentication

## Log In

Please provide your username and password for cs75.net.

Username:

Password:



# .htaccess

RewriteEngine On

```
RewriteCond %{HTTP_HOST} !^www\.cs75\.net [NC]  
RewriteRule (.*?) http://www.cs75.net/$1 [R=301,L]
```

```
RewriteCond %{REQUEST_URI} ^/login/  
RewriteCond %{HTTPS} != on  
RewriteRule (.*?) https://www.cs75.net/$1 [R=301,L]
```

# SSL



# SSL

```
SSLCertificateFile /path/to/certificate  
SSLCertificateKeyFile /path/to/key  
SSLCertificateChainFile /path/to/chain
```

<https://certs.godaddy.com/CSRgeneration.go>

# PizzaML



Image from [junkfoodnews.net](http://junkfoodnews.net).



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