



Computer Science E-75

Building Dynamic Websites

Harvard Extension School

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

Lecture 2: PHP, Continued

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Forms

Search a Manual

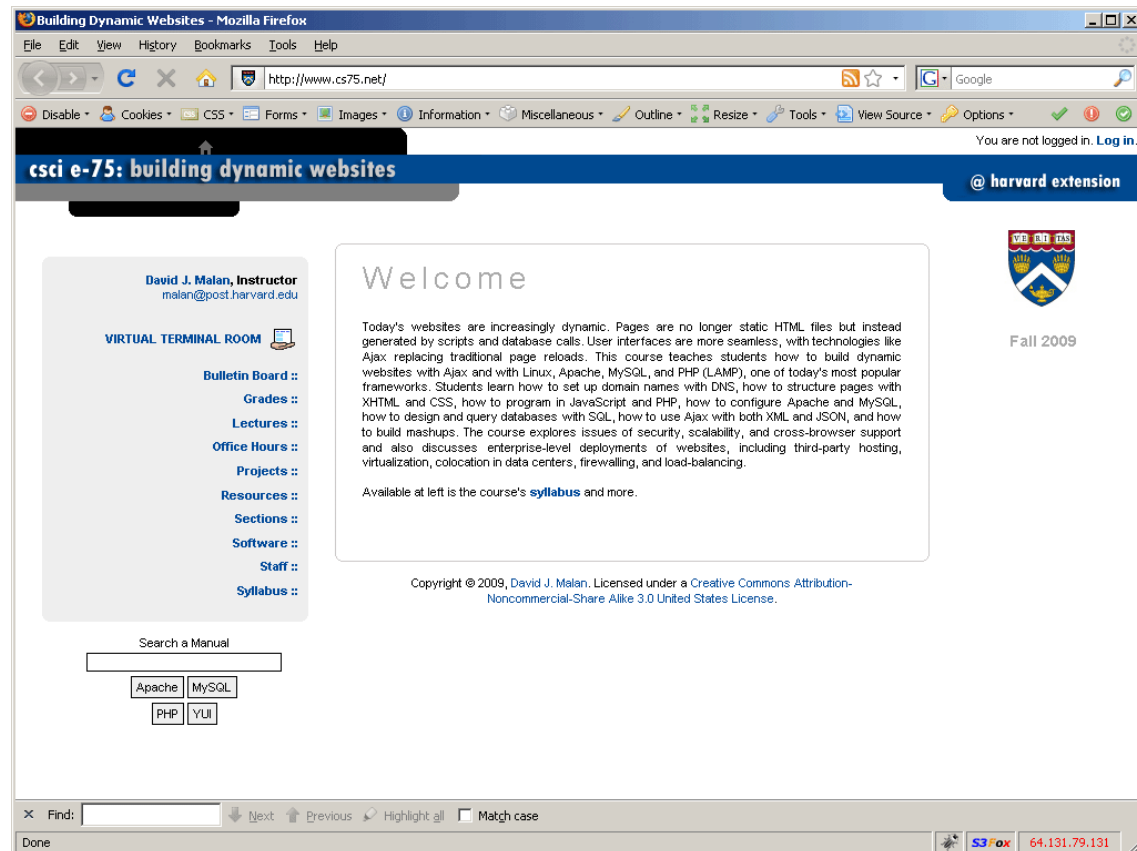
Apache MySQL
PHP YUI

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



Up to **256-bit** encryption!
99% browser recognition!

SSL Certificates
Secure data and transactions!

> SECURE

#1 IN HOSTED SSL CERTIFICATES

#2 SSL CERTIFICATE PROVIDER

The banner features a yellow padlock graphic on the right side, symbolizing security.

SSL

```
SSLCertificateFile /path/to/certificate
```

```
SSLCertificateKeyFile /path/to/key
```

```
SSLCertificateChainFile /path/to/chain
```

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

PizzaML



Image from junkfoodnews.net.



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