

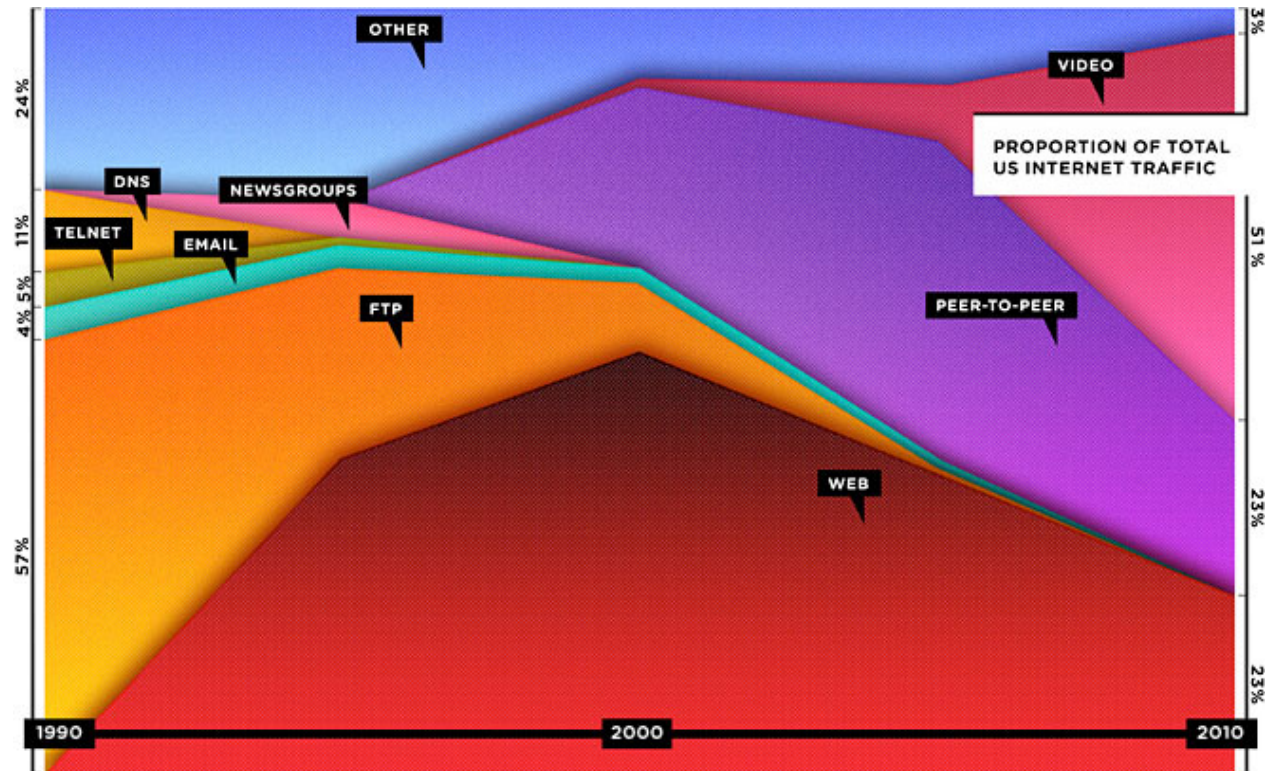
Coding for Mobile

Week 13

TCNJ Web 2

Jean Chu

Web is Dead. Long live the Internet



http://www.wired.com/magazine/2010/08/ff_webrip/all/1

THEN	NOW
BROWSER	APPS
SYNDICATION	SUBSCRIPTION
GOOGLE!!	GOOGLE??
FREE	FREEMIUM
JAVASCRIPT	OBJECTIVE-C
HTML	XML

http://www.wired.com/magazine/2010/08/ff_webrip/all/1

CODING WEB FOR MOBILE

Mobile Specific Meta Tags

```
<meta name = "viewport" content = "width =  
device-width; initial-scale=1.0; maximum-  
scale=1.0; user-scalable=no;" />
```

```
<meta name="HandheldFriendly"  
content="True" />
```

Detect the browser and redirect

Detect the Browser

```
<?php  $_SERVER['HTTP_USER_AGENT'];  ?>
```

Redirect to the mobile page

```
<?php  header('Location: http://  
www.example.com/');  ?>
```

Detect the browser and redirect

- Easy Way to Use a library

<http://www.detectmobilebrowsers.mobi/>

```
require_once('mobile_device_detect.php');  
$mobile =mobile_device_detect  
    (true,false,true,true,true,true,'http://  
    www.domain-name.com/m/',false);
```

Extra : Click to Call Mobile

`555-555-5555`

Validating Code

- <http://validator.w3.org/mobile/>

Simulators

- iphone
 - <http://testiphone.com/>
- Blackberry
 - <http://us.blackberry.com/developers/resources/simulators.jsp>
- Android
 - <http://developer.android.com/sdk/index.html>

Using jQuery Mobile (alpha version yet)

BUILD MOBILE WEB / APP USING JQUERY MOBILE

jQuery Mobile

- It is Alpha Version so far (Not even Beta)
 - <http://jquerymobile.com/>
 - <http://jquerymobile.com/demos/1.1.0/>
- HTML5 markup-driven
- Supports Mobile only events (Tap, Swipe, etc)