

Website Design for Artists (Intro)

w/ Daniel Boulet

#1 Introduction

<http://mpa.danboulet.com>

Hi, I'm Dan

- I've been making websites for over 8 years
- Currently working as a full-time freelance web developer
- Email me at dan@danboulet.com

Who are you?

- What are you studying?
- Why did you decide to take this course?
- What are you hoping to get out of this course?

A brief history of the web

1980–1991: Development of World Wide Web

- Tim Berners-Lee invents web to allow physicists to share data
- Develops HTTP, HTML and Web browser

1992–1995: Growth of the WWW

- Creation of public websites
- First graphical browser: Mosaic
- Foundation of W3C



1995

Browser wars

- 1995: Netscape Navigator vs. IE 1.0
- Internet Explorer 2.0 released as free
- Introduction of JavaScript (NS) and CSS (IE)
- IE4 integrated into Windows
- Tons of new proprietary features, bugs, security holes
- Dot-com boom

2002–present: Web standards

- Netscape code is open-sourced, entrusted to Mozilla
- Mozilla releases Phoenix:Firebird:Firefox
- Mozilla and Opera software help form the WHATWG in 2004
- IE7 sucks
- 2008: Google releases Chrome
- IE8 sucks

Web 2.0 and beyond

- Blogs, RSS, Social networks
- Die IE6!
- HTML5 & CSS3



How the web works

Setting up a web development environment

Browsers

- Firefox
- Safari
- Chrome
- Opera
- Parallels Desktop + Windows + IE

FireBug

- <http://getfirebug.com>
- Powerful Firefox add-on for web developers
- Inspect HTML and modify style and layout in real-time
- Plugins Yslow/Page speed

TextWrangler

- <http://www.barebones.com/products/textwrangler/>
- Powerful general purpose text editor
- Syntax colouring and function navigation
- Little brother/sister of BBEdit

Inkscape

- <http://inkscape.org>
- Open source vector graphics editor
- Free alternative to Adobe Illustrator
- Not as nice, but free!

MAMP

- <http://mamp.info>
- MAMP = Mac, Apache, MySQL, PHP
- One-click-solution for setting up personal webserver
- GUI control center
- Free

Installing MAMP

- Download and install in Applications folder
- Open control center, click Preferences
- Change Apache port to 80, and Apache root to /Users/username/Sites
- Turn off personal web sharing
- Test start page

Virtual hosts

- In Terminal: `sudo edit /etc/hosts`
- Add: `127.0.0.1 domain.local`
- Open file at
`Applications:MAMP:conf:apache:httpd.conf`
- Add Virtual hosts

```
NameVirtualHost *
<VirtualHost *>
    DocumentRoot "/Applications/MAMP/htdocs"
    ServerName localhost
</VirtualHost>
<VirtualHost *>
    DocumentRoot "/Users/YOU/sites/clientA/site"
    ServerName clientA.local
</VirtualHost>
```

Restart MAMP: done!

Questions?