Publishing Websites

Domain names; Web servers; Files

Basics of websites

- Internet != web
- Any website online…
  - Domain name
    - *something.*com, …edu, …org …whatever
  - Web server
    - Any computer connected to the Internet running web server software
  - Web page files
    - "documents" and sometimes database(s)

Domain names

- ICANN (Internet Corporation for Assigned Names & Numbers)
- Third party companies, examples…
  - Network Solutions
  - Bluehost
  - 1and1
  - Media Temple
- "whois" – who registered a domain name
  - whois …command in Terminal (mac OS) or any Unix-based computer
  - Google for any Whois website
  - Note: pay for privacy

Web Server

- Any computer
  - Unix-based, usually LINUX
  - Can also be mac OS, Windows

- Has internet connection
  - Dedicated –connection
  - Open ports - to provide access to sub-net (local network)

- "Web server" software
  - Apache (apache.org)
  - IIS – Microsoft's Internet Information Server
  - Nginx
  - HTTPD (by Tim Berners-Lee)

Web page files

- Documents, originally: literally documents - later called "web pages"
- History:
  - Important to know → how things work today
  - Evolution of the web
    - Marketing people
    - Hacking
    - Bastardizing tools and technologies