

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