

Open Source Web Development

1. What is Open Source software?

- a) Open Source Philosophy
 - Encourages the free and open exchange of ideas
 - Collaboration by individuals
 - Available to everyone without restrictions on intellectual property
 - Inspired by Jazz and Appropriation art
- b) Popular Open Source projects
 - Mozilla/FireFox
 - Wikipedia
 - Linux (Ubuntu)
 - OpenOffice
 - Google
- c) Popular Proprietary Software
 - Microsoft Windows/Office
 - Adobe Flash/Photoshop/Dreamweaver
 - Apple Mac OS
- d) Pros and Cons of Open Source software vs. Proprietary Software
 - Pros
 - Modular design
 - Community of developers
 - less time between flaw and fix
 - Free
 - Cons
 - Learning Curve
 - Time investment
 - No commercial support
 - No guarantees
- e) Licensing
 - gnu (example)
 - creative commons

2. Website Basics

- a) Building Blocks
 - Domain Names (icann)
 - Server/Hosting
 - lemon
 - apache
 - xampp
 - Content
 - text
 - images
 - sound & video

b) Programming Languages

- HTML
- CSS
- PHP
- JavaScript
- MySQL

3. Design & Usability

- a) layout
- b) navigation (lists)
- c) images & graphics
- d) text-based content
- e) examples (demo)

4. Open Source Web Development Tool

- a) Web-Based/Server-Side
 - Content Management System
 - Shopping Cart
- b) Desktop/Client-Side
 - Text Editor
 - WYSIWYG
 - FTP
 - Design & Graphics
 - gimp
 - inkscape

5. Other Open Source and Free Resources

- a) youtube
- b) flickr
- c) colourlovers
- d) openphoto

6. Ways to contribute to contribute to open source projects

- a) write code
- b) submit feature requests & bug reports
- c) contribute documentation & participate in forums
- d) spread publicity & awareness
- e) donate