Web 2.0

Training Guide

Objectives

- Web 2.0 Design
- AJAX
- Teach Microformats e.g RSS, Atom
- Learn to build a Mashup

Prerequisites

- Some existing software development experience
- Some prior web concepts experience

Training outcome

Participants should be able to

- Design

- Implement

a Web 2.0 application

Lab requirements

Hardware requirements (either one of below)

1. Central server. Individual logins into private hosted Apache instances
2. Individual workstations setup with LAMPPIX + USB Stick.

Software Requirements

- Javascript Library e.g. Mochikit

- Web server e.g Apache

- Web scripting language e.g. Python, PHP, Ruby

- Relational Database server

Training road map

Day	Topics Covered
Day 1	- Exposure to Web 2.0 Concepts - HTML / XML Refresher - Design Principles of Web 2.0 - Microformats, Atom, RSS etc.
Day 2	- Javascript + AJAX using a Javascript Library e.g. MochiKit
Day 3	- Build a Mashup using public APIs

References/ Further Reading

Consider CherryPy (http://www.cherrypy.org/) - Benefit = getting a web application running with minimal code

Consider LAMPPIX (http://lamppix.tinowagner.com/) - Benefit of not needing to install much hardware.

Python or Ruby Frameworks e.g. Django, TurboGears, Ruby on Rails etc.

WellStyled Palette generator at:
http://wellstyled.com/tools/colorscheme2/index-en.html