Intro to Drupal for Content Managers
What is a Web CMS?
Features

• Content management
• User management
• Access control
• Roles
• Workflow
• Modular
• Caching

• Feeds
• Search
• Multilingual
• Theming
• Taxonomy / Tagging
• Clean Url’s
Content to Manage

- Pages
- Articles
- Blogs
- News
- Events
- Wiki

- Polls
- Groups
- Profiles
- Forms
- Images
- Media
Popular CMS’s

- Drupal
- Joomla
- Wordpress
- Plone
- DotNetNuke
- Hannon Hill Cascade Server
- Alfresco
What about Dreamweaver?

- Baked Templates
- Content managers use Contribute for editing
- Lacks search
- File locking checkout system
- 1:1 URL to File ratio

**NOTE:** Dreamweaver CS5 integrates with popular CMS’s
So how do I decide?

1. **Start**
2. **Do you have a simple brochure type site with static content?**
   - Yes: **Dreamweaver**
   - No: **Is your site simple and blog-like?**
     - Yes: **Wordpress**
     - No: **Do you need a highly configurable CMS?**
       - Yes: **Drupal**
       - No: **Joomla!**
Why do Content Managers like Drupal?

• Can edit site directly in browser
• Everything is Dynamic
• Website can offer many features
• Can make quick edits
• Search Engine Optimization
Why do Web Developers like Drupal?

- Super modifiable
- Open Source
- Large community
- 6,000 modules
- Don’t have to start from scratch
- Pick your level of involvement
What do Systems people like about Drupal?

- Command line interface (Drush)
- Multisite
- Security advisories
- Caching
- Multi-platform (Drupal 7)
- Enterprise Integration (LDAP, SOAP, Services)
- There are commercial vendors and support
Drupal’s disadvantages

• Steep Learning Curve
• User Experience (UX) *

* UX has improved with Drupal 7
Drupal in Government

- Whitehouse.gov
- London.gov.uk
- French Government
- New York State Senate
- New Zealand Government
- Australian Prime Minister
- Thailand Prime Minister
- Belgium Prime Minister
Drupal at Universities

• Arizona State University (entire campus)
• Stanford University (75+ sites)
• UC Berkeley (60+ sites)
• Texas A&M (170+ sites)
• Oregan State University (145+ sites)
• Yale Sites (drupal.yale.edu)
• Duke (main campus site)
• Rutgers (main campus site)
• MIT Media Lab
• UC Merced (60+ sites)
Drupal at UCSB

- Convergence Magazine
- Information Technology at UCSB
- Instructional Development
- Center for Energy Efficient Materials
- Mechanical Engineering
- The Institute for Social, Behavioral and Economic Research
- Institute for Energy Efficiency
- Center for Information Technology and Society
- Marine Science Institute
- Division of Math, Life, and Physical Science
- Optoelectronics Research Group
- The Kavli Institute for Theoretical Physics
- Corporate Affiliates Program
- Center for New Racial Studies
Drupal Jargon

- Node
- Content Type
- Taxonomy
- View
- Role
- Module
- Theme
- Region
- Block
- Wysiwyg
- CCK

Definitions and more terminology can be found at:
http://drupal.org/node/937
Demos
Requirements for Content Managers

• Basic understanding of XHTML
• Basic understanding of CSS
• Organizational skills
• Willingness to learn
• Knowledge of accessibility laws
• Knowledge of privacy laws
How to make your Drupal site accessible

• Start with an accessible base theme like Zen
• Use Theme and Hook overrides
• Training (content manager and developer)
• Testing
How to test Drupal for Accessibility

• Screen Readers (JAWS, NVDA, Thunder)
• Graceful degradation
  • Turn off Flash, Javascript, Images, CSS
• Unplug your mouse
Accessibility Testing Tools

- VisCheck (for color blindness)
- Fangs (Jaws for Firefox)
- W3C Validators - XHTML & CSS
- WAVE (wave.webaim.org)
- CynthiaSays.com (section 508)
Places to learn about Drupal and Accessibility

- IRC #drupal-accessibility
- groups.drupal.org/accessibility
- Drupal Theme Guide for Accessibility http://drupal.org/node/464472
- DrupalCon session videos on accessibility
SEO Modules for Drupal

- Pathauto
- Path Redirect
- Global Redirect
- Page Title
- Nodewords
- Sitemap and XML Sitemap
Maintenance

• Security Advisories
  • SA’s by email, website, twitter, feed
  • Update notifications within UI
• Backup and Migrate module
• Routine Updates
Server Requirements

- Apache 1.3 or 2 or IIS 5,6,7
- PHP 4.4 or higher (5.2.x recommended)
- mod_rewrite or ISS URL rewrite module
- MySQL (5.0 or higher recommended)
- MS SQL Server - Drupal 7
- SSL for secure logins
Learn More

- Drupal.org
- Lullabot.com
- Acquia.com
- Drupal Conferences and Camps
- UCSB / SB / LA Drupal Users Groups
- Books and online videos
How can I try Drupal?

- DrupalGardens.com
- Buzzr.com
- OpensourceCMS.com
- Acquia Drupal Stack Installer (DAMP)
- Turnkey Linux Drupal VM Appliance
Thank You