

# DrupalCamp Philadelphia

## Wednesday, November 19, 2008

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10:00 am- 11:00 am

**Nathan Gasser: Welcome & Intro to Drupal**

**What is Drupal? PPT Presentation**

- ✓ *Drupal Association*: oversees adoption, growth of community, oversees approved patches, etc <http://association.drupal.org/>
- ✓ Version 5 or 6? Version 6 should be adopted now.
- ✓ CCK, views, Panels ready for 6
- ✓ 7 will deploy Spring 2009
- ✓ **Node**: vestigial term from it's developer roots;
- ✓ **Content Type**: every node has a content type (example: Press Release: Title, Publication Date, Body, contact name, contact email, contact phone) doing it right enables sorting and searching for targeting info
- ✓ **Theme**: look and feel
- ✓ **View**: page that shows a listing of titles of other pages, each linked to a full page (Example: index of news items, staff listing, listing of publications; also, each one of these three is a *NODE*)
- ✓ Site maps no longer reflect nature of modern sites
- ✓ **Panel**: a complex layout that combines content; often used for home pages and main pages. Each region can contain content according to different rules. Same effect can be achieved by creating a complex theme. Advantage of panels is that admins can control content for each panel. Panels allows you to drag and drop to move content areas around.
- ✓ **Taxonomy**: categorizing info, it's often called tagging. Drupal lets you create multiple *vocabularies* each consisting of many *terms*. Example: cars; COLOR || red, blue, green, etc.|| MAKE || ford, Honda, Toyota, etc. || COLOR and MAKE are vocabularies. The remaining words are terms.
- ✓ **Modules**: add-on software to extend functionality; over 4000; over 20 really good ones.|| F A V O R I T E S; webform, workflow, pathauto, simplenews, emfield, gmap, organic groups. ||
- ✓ **Roles & Permissions**: diff. roles can be defined, users have one or more role, roles can be used to remove menu choices, do not give users any more permissions they need, || ROLES anonymous user, authenticated, contributor, editor, admin, developer ||
- ✓ **Contact**: Nathan Gasser [ngasser@rockriverstar.com](mailto:ngasser@rockriverstar.com), 215-592-7673

11:00 am- 12:00 pm

**Michael Crawford & Jody Hamilton: CCK and Views**

- ✓ **CCK: Content Construction Kit by Michael Crawford**
  - Allows to create custom content, images, custom field types, workflows, etc.

- Will be part of Drupal core; Only Page and Story are part of core now.
- CCK images can customize all fields and settings, even resolution
- Create your fields first then manage them
- Drupal 6 lets you drag and drop in UI to reposition –content displayed on page takes the new order. As well as for content editor
- **Display fields:** many possibilities, full node view, teaser, which image to display (if using imagecache ←allows u to choose diff. sizes for images) or thickbox.js)
- **Groups:** if you have 50 fields that u do not want to display linearly, use groups, creates a fieldset to expand and contract and can theme it as well.
- **Taxonomy,** separate module comes w/core, lets you pick what content types will use your vocabulary, more flexibility can use across the board
- Node Template, Field Template, Display content template
- ✓ **Views: Jody Hamilton**
  - Views creates listings: Example from drupalmodules.com home page - news items, highest rated, new modules
  - Most views are a type of node listing; list of titles, list of blog posts, can create view for administrators only to see
  - Types of views: Page, Block, Feed, Attachment
  - Steps: Page> click Add Display> give it path> display fields or nodes > click save (the preview appears below the panel)
  - What can you do: you can sort by node post date, descending/ascending, add filters for node type, etc to say show only story (example), preview appears below the panel; Can have more than one display for node; can add Arguments as well. This allows you to create one view and tap down by node content

11:00 pm- 2:30 pm

**Drupal Multimedia: Aaron Winborn and Alex U**

<http://aaronwinborn.com/> and <http://zivtech.com>, [advomatic.com](http://advomatic.com)

- ✓ **ImageCache:** creates diff. sized of images, thumbnails, etc. see; <http://unicefretirees.com/> , <http://speakafrica.org/>
- ✓ **Image Module:** creates a node for your image
- ✓ **Image Field:** building blocks, Learn to work with Image Field , very powerful
- ✓ **Img\_Assist:** good for inline images
- ✓ **IMCE:**
- ✓ Image Attach:

- ✓ **EMfield - Embedded Media Field:** pulls in media from 3<sup>rd</sup> party providers – flickr, picasa, etc. Example shown, url from flicker embeded w/in a Drupal node see: <http://drupal.org/project/emfield>; Video gallery of feeds instructions on site. Cand drag and drop videos from Youtube.com
- ✓ **Tip: Media Mover:** .swf files
- ✓ **Drupal sites:** sony <http://myplay.com/>, air America <http://airamerica.com>,
- ✓ **Tip: Tubemobile.com,** will upload to all your sites and track uses
- ✓ **Tip:** do NOT use Video module, not up to date use emfield instead
- ✓ **FileField:** handles all kinds of files gets them into nodes, good for local video
- ✓ **JQuery Media:** will display the file stored in Filefield.
- ✓ Both of these work with flash video (.flv)
- ✓ Browser uploading has limitations, file size for one
- ✓ **Media Mover:** module is good for larger files
- ✓ **Youtube API:** module for this exists
- ✓ **Audio:** Audio module works well out of box
- ✓ **Tip:** Drupal file management is poor right now, with Drupal 7
- ✓ **Tip:** Open Laszlo as an alternative to flash <http://www.openlaszlo.org/>

**3:00 pm-4:30 pm**

### **Intro to Theming: Mason Wendell & Jody Hamilton**

- ✓ **Sites:** <http://drupal.org/project/Themes> lists contributed themes
- ✓ **Demos:** <http://themegarden.org>
- ✓ **Paid:** <http://topnotchthemes.com>
- ✓ **Showcase:** <http://buytaert.net/tag/drupal-sites>
- ✓ **Custom:** Canary sites do custom themes (pigiron.org, classictowns.org, canarypromotion.com,)
- ✓ **Starter Themes:** <http://drupal.org/project/zen>, project/hunchbaque, project/blueprint, project/starter-themes/starter-theme-comparison.html
- ✓ **How to build a good theme:**
  - Design mockup in photoshop
  - Html/css mastery
  - Understand drupal theme system
  - Beginner level php coding
  - Knowledge of javascript/jquery
- ✓ **Tip:** resources alistapart.org, csszengarden, thinkvitamin.com, uxmag.com, getfirebug.com
- ✓ **Theme System** – Handbook [drupal.org/theme-guide](http://drupal.org/theme-guide)
  - Sub-themes are new in drupal 6, although, the Zen theme has sub-themeing included in it
  - Page templates include node templates, all controls html structure in a theme
  - Users can have own themes, several themes in one site if you allow it in permissions

- Drupal\_cache\_css: turn on css caching enhances performance; turn off during development, turn on once site is live
- Module: services – good for .swf management (sample site <http://www.jameszabiela.com> )
- Sifr – flash replacement
- Mobile: there is a mobile theme, for mobile devices

**4:00 pm-5:30 pm**

**Drupal for Non-Profits Ivan Boothe**, <http://www.rootwork.org>,  
ivan@rootwork.org

- ✓ **Reasons:** dynamic, non-techie, increased accessibility, seo friendly, Drupal is free to install may cost to develop, open source, easily integrates (facebook, flickr, dia, constant contact, salesforce, civirm), community building aspects (lots of modules)
- ✓ Case Studies Presented:
  - Ask the Candidates, Genocide Intervention Network. <http://www.askthecandidates.org>
  - United Way of Mass Bay <http://www.supportunitedway.org>
  - WGBH Boston <http://www.wgbh.org>
  - Indianapolis Museum of Art <http://www.imamuseum.org> integrated podcasts into site
  - Pearl Harbor Survivors Project <http://www.pearlharborstories.org>
  - <http://www.standnow.org/> STAND Genocide Intervention Project
  - the state of state health website
  - World Resources institute site
  - Good Modules for Non-Profits: Organic Groups, Buddy List, Invite (key if you want to allow invites), Spread, Forward, Servicelinks, Tell-A-Friend, Chatroom (nice ajaxy interface)