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Why Compare?

To Learn

To Advise: Be able to compare/contrast in Web CMS discussion

To Improve

Every problem doesn't require a hammer



What is a CMS?

Database-driven Content Repository

- + User Interface
- + Content Services

- = CMS
- + Web
- -----
- = WCMS



Content Services of CMS

Version Control / Audit Trail & Rollback Capabilities

Locking (check-in/check-out)

Workflow / Approval Process

Review Lists and Notifications

Content Types - Built-in and/or Custom

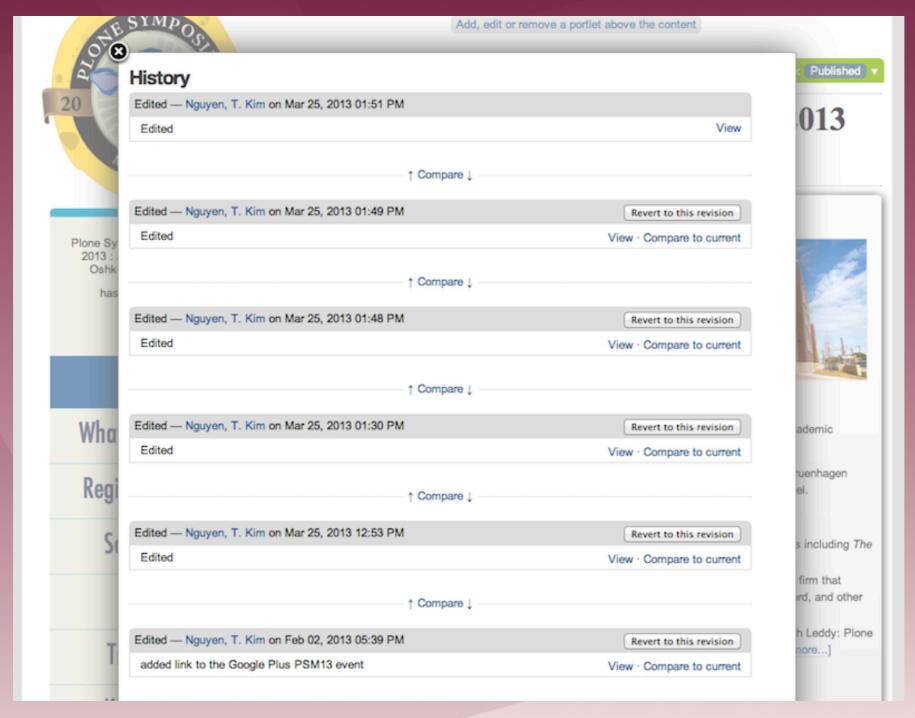
Fine-grained Permissions

Searching/Indexing of Content

*Plone is a Web CMS (WCMS) Tool (CMS for managing websites/web content)



Content Versioning / Audit Trail





Additional CMS Features

Simple WYSIWYG Visual Editor / Rich Text Editing

In-context Editing (sometimes)

Content Preview with Theme Applied

Accessibility (WCAG, Section 508, etc.)

Visual Comparison of Revision Differences

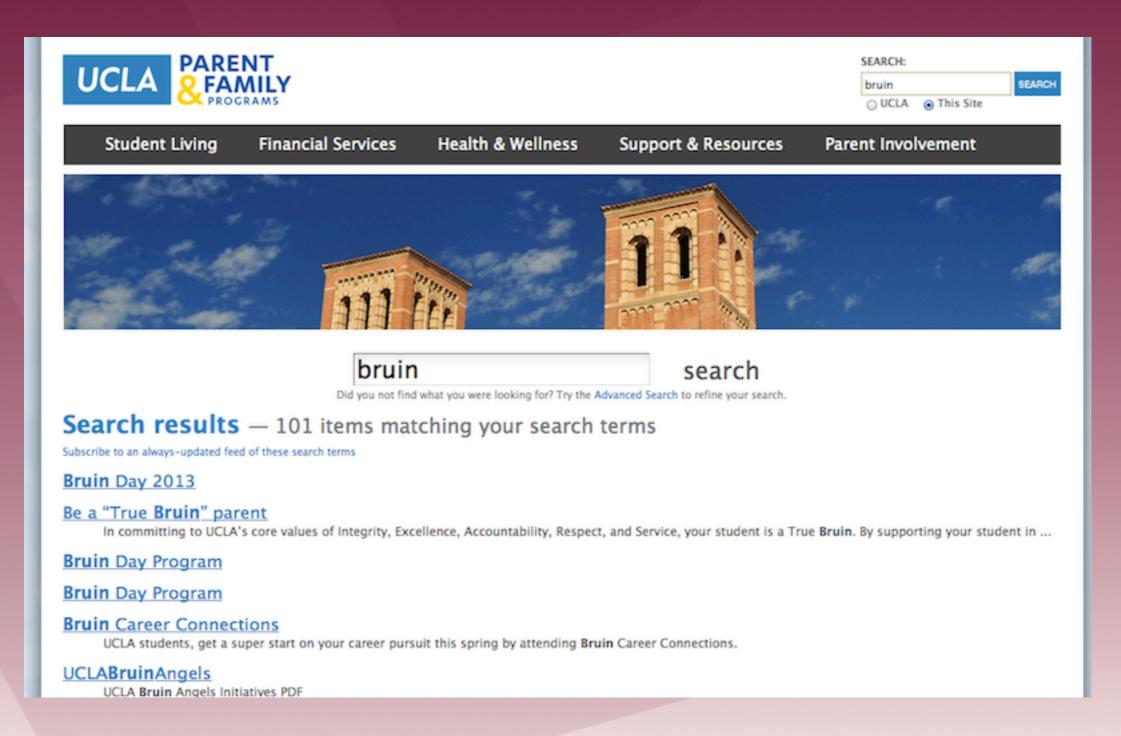
Management of Metadata (tags, keywords, pub dates, author, credits, other)

Sitemap and Taxonomy Management

Scheduling of Publishing/Expiration of Content



Built-in Search





Typical Add-on Features/Modules

Web Forms

Slideshows

Calendar

Microsites

Faceted Navigation/Search

Embed Videos

RSS Feeds/Syndication

SEO Enhancements

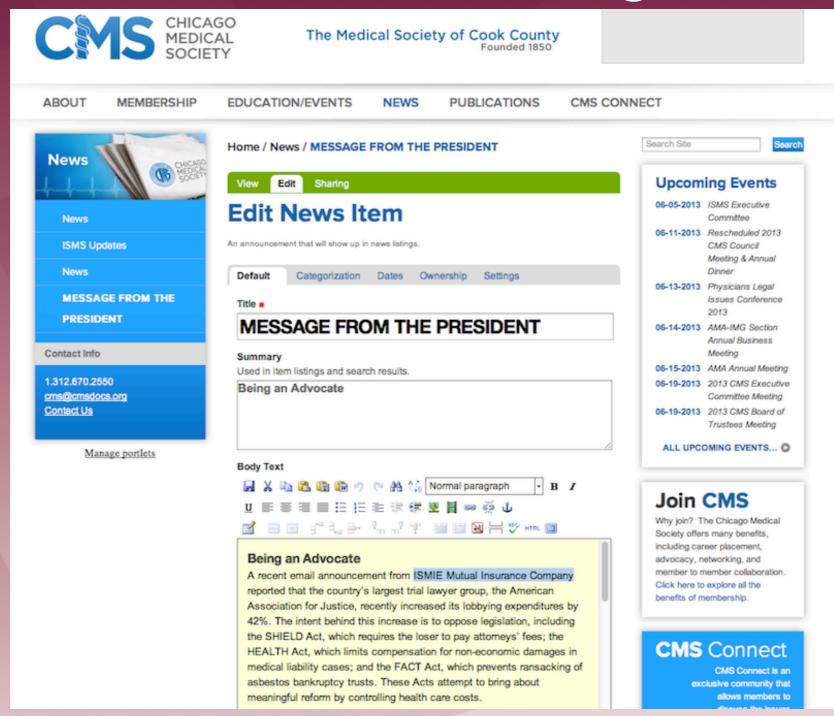
Email Campaign Management / Integration (with MailChimp, others)

CRM/Salesforce Integration

Content Migration Tools



Contextual Editing





Additional CMS Features

Extensible (available add-on modules or custom dev)

Allows for Custom Themes

SEO-Friendly (helps with search engine rankings)

Portlet Management (arrange widgets on page)

Dashboard (recent edit/publish activity at-a-glance)

Useful Built-in Templates (page, news, event listings, thumbnail layouts, etc.)

Plays Nicely With Others (SSO, LDAP/AD, Salesforce, legacy Oracle/SQL Server DBs)

Provides Maintenance Scripts/Features (Database backup/restore, restarts, etc.)

Reasonable Upgrade Options



Social Publishing

User-generated Content

Forums

Blogs

Comments

Twitter/FB Feeds

Organic Groups/Birds of a Feather

Moderation of UG Content (or not)



Self-Reflection: What Do You Want to Be?

Web CMS

Portal Framework

Web App Framework

Intranet Platform

Marketing Platform

Digital Business / eBusiness Platform

Mobile CMS

Other?



Core Principals & Features: Plone vs. Drupal

Plone: Pure Web CMS Features

- Comparable features to enterprise commercial CMS tools
- Workflow, Versioning, In-Context Editing, Permissions, Collections, Search, etc.
- Security, Performance
- Open
- IP owned by foundation
- Many core committers

Drupal: Social Publishing

- Opposite initial target
- Let outsiders create content (lack of formal permissions/workflow)
- Syndication
- Campaign/Activist tool (DFA, OFA, etc.)
- Marketing sites / theme proliferation
- CiviCRM
- Open
- IP owned by Dries
- Few core committers (compare these projects at http://ohloh.net)



Plone Project Velocity

Activity

30 Day Summary

Apr 28 2013 - May 28 2013

414 Commits

44 Contributors

including 3 new contributors

12 Month Summary

May 28 2012 - May 28 2013

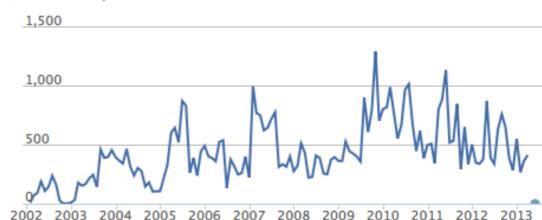
5448 Commits

Down -1285 (19%) from previous 12 months

235 Contributors

Up +34 (16%) from previous 12

Commits per Month



Community

Ratings

109 users rate this project:



Click to add your rating



Review this Project!

Most Recent Contributors



Maarten Kling



maartenkling



David Glick



Eric Steele



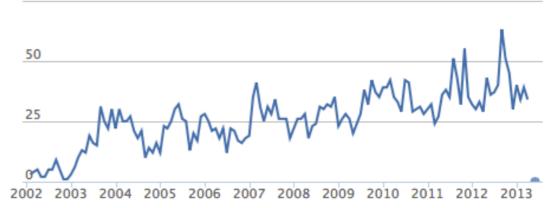
Roman Kozlovskyi



.Ulrich Hasecke

Contributors per Month

75





Drupal Project Velocity

Activity

30 Day Summary

May 5 2013 — Jun 4 2013

380 Commits

6 Contributors

12 Month Summary

Jun 4 2012 — Jun 4 2013

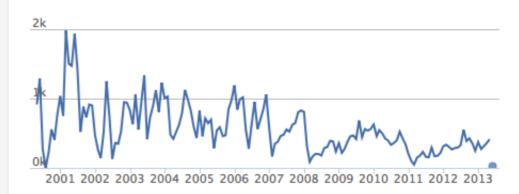
4301 Commits

Up +1401 (48%) from previous 12

70 Contributors

Up +19 (37%) from previous 12 months

Commits per Month



Community

Ratings

294 users rate this project:

4.3/5.0

Click to add your rating

Review this Project!

Most Recent Contributors



.niel Catchpole





Jennifer Hodgdon

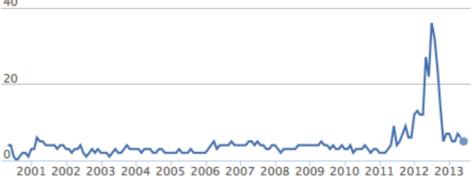




webchick

Contributors per Month

40





Convergence: Core Additions vs. Add-ons

Plone:

- Better comment management/moderation/workflow in core
- Improved built-in Syndication options with 4.3 (Atom, etc.)
- FB/Twitter Login add-on
- FB/Twitter/MailChimp/Salesforce Add-ons
- Dexterity (custom content types via web GUI, now)

Drupal:

- Workflow add-on (still not as robust)
- CCK added to core (custom content types)
- Still have to download/install the visual editor you want (baffling to me)

Twitter: @shmcmahon "OH: in terms of framework, Drupal 8 is our Plone 3"



Lots of Similarities to User

Web GUI with WYWIGY Editor

Toolbar for Admins/Editors

Edit forms with fields for metadata

Control Portlets / Blocks

Control What Shows in Navigation

Can Switch Theme via Configuration Area

Control Options in WYSIWYG

User Dashboard



Convergence Summary

Content Types: Drupal has caught up quite a bit by including in core

Web 2.0 Overlays: Plone provides to editors, but should apply more to Site Setup area

In-Context Editing: Similar experiences now; Plone might still be a little ahead

Navigation/Links: Drupal's ugly/ambiguous 'node#' URLs can be replaced with friendlier and more meaningful and SEO-friendly URLs now, but takes user action/thought

Workflow: Drupal is still lacking

Web Services: Drupal is ahead, by including RESTful web service wizard (downsides, of course, if you don't setup separate web service hub instance)

Collections: Built into Plone and still hard to beat; powerful content reuse feature

LDAP (SSO) Integration: Drupal's is said to be lacking (by analysts)

Versioning: Plone's is more robust



Convergence Summary

Upgrade Path/Options:

- Plone's one-click upgrade has consistently surpassed Drupal and others
- Drupal upgrade path from 6 to 7 was said to be miserable by users
- Drupal 8 with major backend architecture changes is out in 2013; upgrade path?
- Both Plone and Drupal add-ons still require active community or changes by you for upgrades
- Custom add-ons are up to you, but both communities provide recipes to modify

Versioning: Plone's is more robust

Authentication: Plone seems to have more Pluggable Auth Service options (that work)

System Analogies / Similarities

Config Files: Drupal .info files similar to Plone .zcml and profiles .xml settings

Templates: PHP vs TAL - Drupal has an overrides behavior based on naming convention; Plone has skin path 'layers' + using same name to provide for overrides

Toolbar:

- As of Drupal 7, it now has one; more similar to Plone in-context editing now
- With Plnoe, you can install plone.app.toolbar, if you like it at the top as Drupal has it
- Easier to add links to user-specific shortcuts menu in Drupal
- Have to go into ZMI -> portal_actions to add to user-actions list of links in Plone

Dashboard:

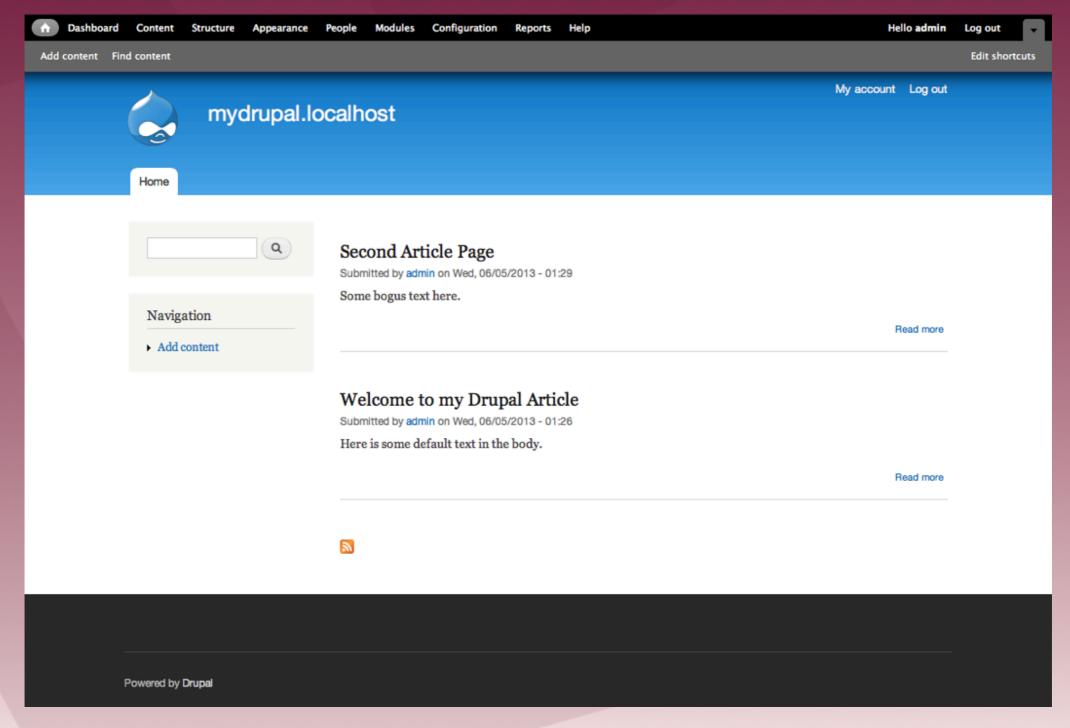
- Similar in many ways
- Plone provides more stock portlets to drop-in
- Drupal provides slicker drag/drop placement of portlets/blocks into node areas

Content Types:

- Can design them via web GUI in both tools now; in core with both now
- Surprised at lack of built-in types with Drupal, though; just Page and Article (similar to Plone News Item with listing/preview image field)

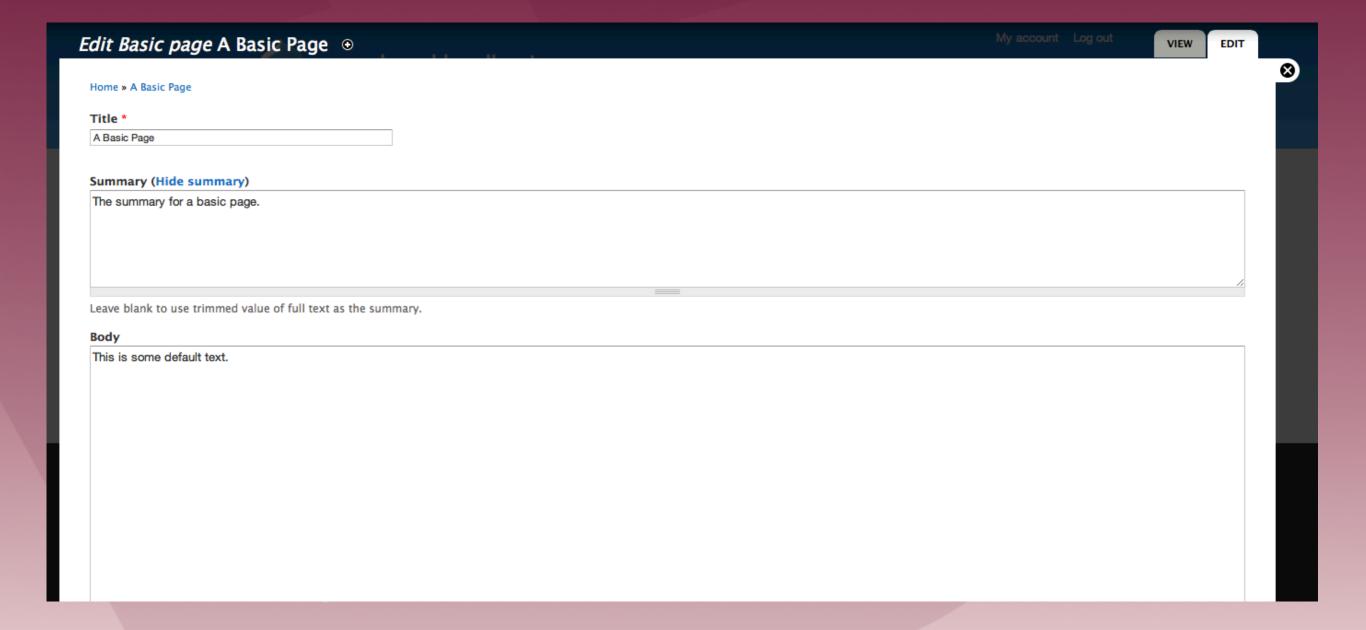


Finally - Screen Shots of Drupal

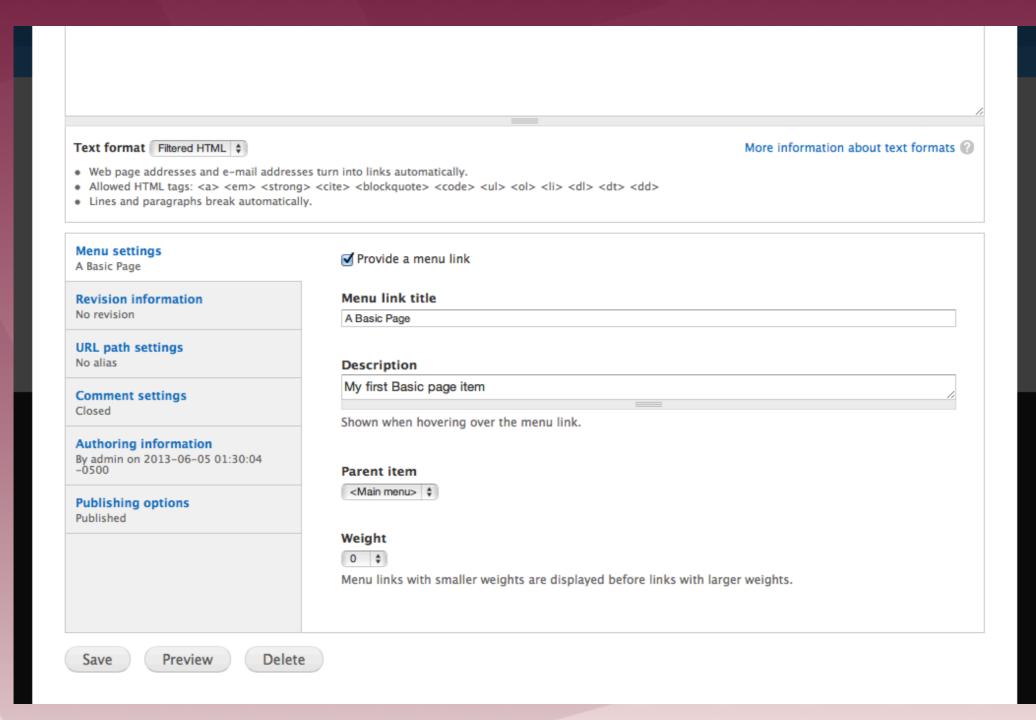




Drupal: Editing Page

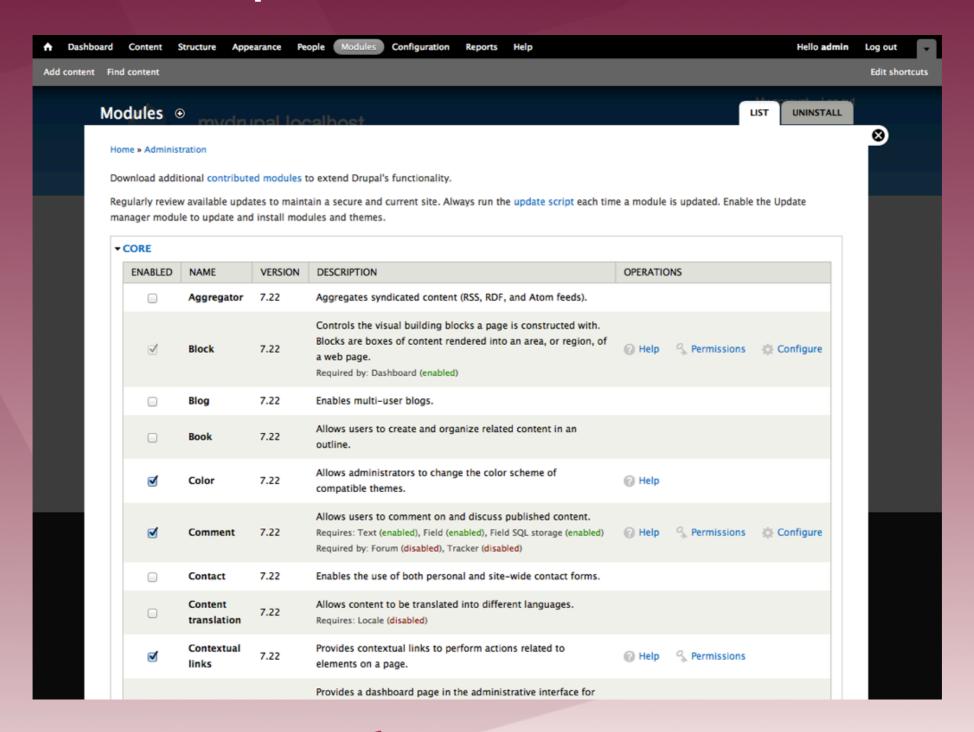


Drupal: Editing Page - Link Handling



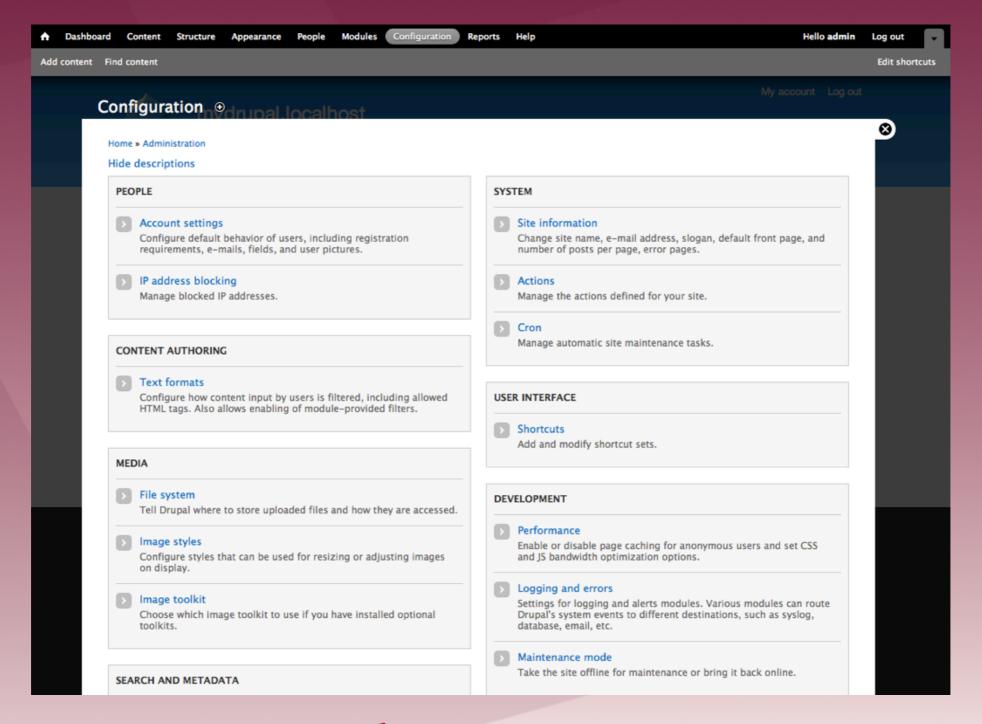


Drupal: Add-on 'Modules'



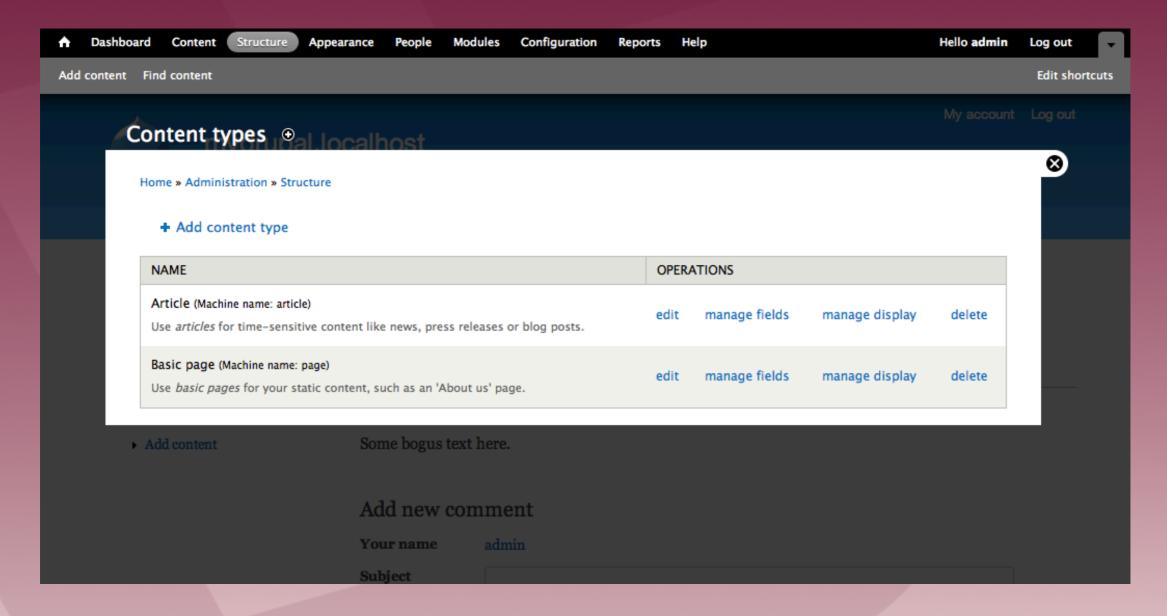


Drupal: Configuration Panel



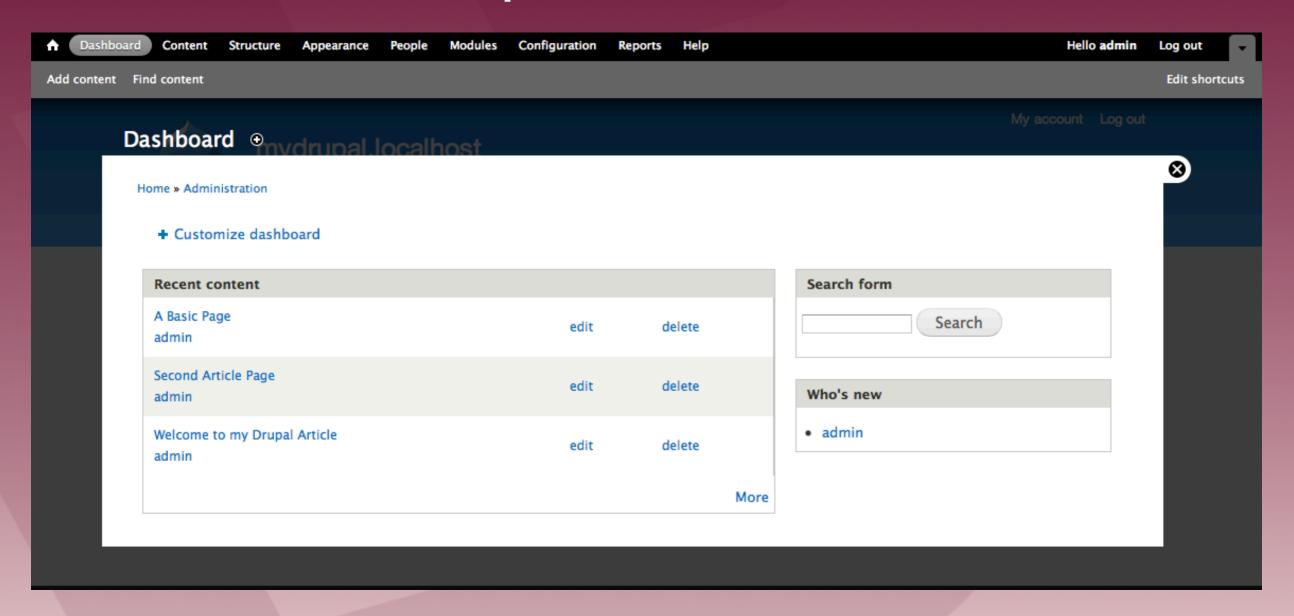


Drupal: Content Types

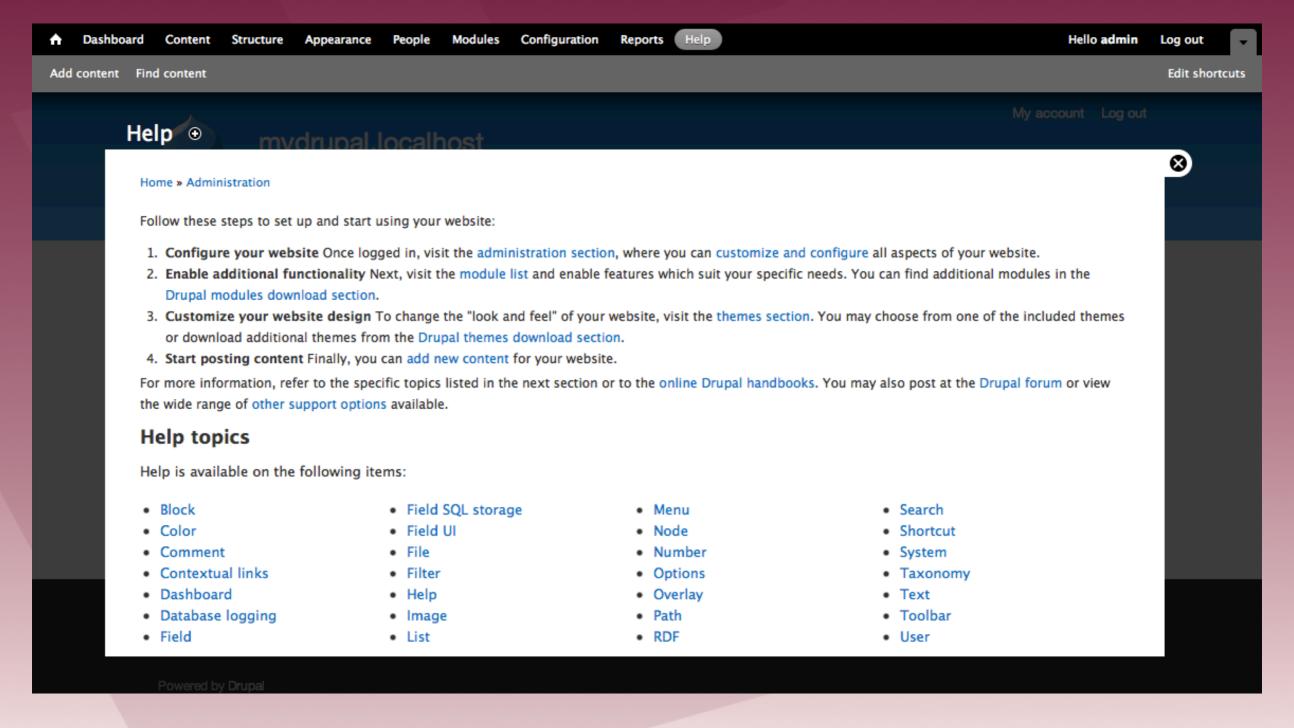




Drupal: Dashboard



Drupal: Built-in Help





Drupal Weaknesses

Workflow:

- go to https://drupal.org/node/369988 (Getting Started With Drupal page) and search for 'workflow'... nada
- Workflow module can be downloaded/installed, but has 127 open issues and 58 open bugs
- is still an afterthought in Drupal, but wouldn't be surprised if added to core laterSecurity:
- The Good: Drupal has a Security Team and the 'core' has few vulnerabilities
- The Bad: You can't do much with only the lightweight 'core'
- You will need/use many add-ons and many are insecure and/or don't scale well
- Search the CVE vulnerabilities database for 'drupal' or for 'plone' and compare
- ~4-6 vulnerabilities per month for Drupal (~ 3/year for Plone)

See: https://drupal.org/security/contrib for latest list Drupal vuln alerts

See: http://plone.org/products/plone/security/advisories/plone-securit

y-advisories for Plone vuln alerts



Drupal Strengths

Similar to Plone: Open, Community-driven, Collaboration

Admin UI has More Polish (nice overlays, even on Site Setup type panels)

Larger Install Base / Market Share than Plone

Easy to find cheap PHP/MySQL hosting

PHP (more devs; easier entry for designers with HTML skills)

Applications: Social/Collaboration sites with syndication and commenting/discussion

Drupal Weaknesses

PHP:

- Possibly the most hacked websites out there (Wordpress, Joomla fall into category)
- Only included true O-O (object-oriented) features a few years ago
- Is still not as robust in performance as other options

Available Talent Pool:

- True of any CMS tool worth its weight, though - with capabilities comes complexity (Plone, Fatwire, CQ, Vignette, Sitecore, etc.)

Project Management by Community (basically leaning on Acquia for direction)

Performance:

- Out-of-box performance is much slower than Plone and Drupal 7 is even slower than Drupal 6
- Drupal 8 is a redo of much of the backend framework; will it be faster or slower?
- Experienced Drupal integrators are needed to get around the performance issues, but that is common among many web software platforms



Drupal Weaknesses - as by Dries

Rudimentary Authoring Experience

In-Context Editing Experience that Lags Plone

Aging Web Framework (being replaced in Drupal 8 with Symfony)

Small Available Talent Pool



Future Drupal

Good Strategic Direction to handle Mobile

- Responsive Web Design (more built-in capabilities expected; more themes available)
- Native (iOS, Android) via RESTful web services (already built-in somewhat)

More OOB Features / Bigger Core

- Want to be able to do more out-of-box
- Perhaps not require downloading of your favorite editor, or of workflow?

D8 Still in Development:

- https://drupal.org/community-initiatives/drupal-core

Painful Upgrades on the horizon

- After one year of Drupal 7, 90% of add-on modules were yet incompatible



Plone Strengths

Very Solid Architecture and Engineering

Security

Performance

Repeatable Deployments (easy to apply same config in Dev, Staging, Prod)

Pluggable (Auth, XML-RPC, SOAP)

Workflow

Versioning

Authoring Experience (in-context editing; good wysiwyg built-in)

Navigation Menu/Link Management

SEO (due to automatic quality link generation)



Plone Weaknesses

Fewer Robust Social features/add-ons

Not RESTful out-of-box

AJAX layer being reworked (removal of KSS; completely JQuery based)

Less market/mind share

Market things that abundance of PHP devs means many Drupal/Joomla/WP devs

Fewer affordable hosting choices

Few one-click startup/hosting options (but exist)

Not as embraced by design agencies (natural marketing pros who could push Plone)

Drupal Costs vs. Plone Costs

About the same, really

'Professional' development shops will charge about the same dev/consulting rate

'Professional' hosting with 24/7 support (by humans), etc. is about the same:

See: http://www.acquia.com/cloud-pricing#hardware=56&storage=106&subscription=129563

Other/Free Options available, though:

See: https://www.drupalgardens.com/pricing

Some free/very cheap options for non-profits with Plone too

Neither are as cheap as Wordpress to host, because they actually do a bit more

All are at least 'good' systems - depends on needs and so does hosting



Summary

Both are Accomplished, Mature, Improving Tools (Over 10 Years Old Each)

Both offer Good/Easy Editing Experience

Both offer Configuration TTW (Through The Web)

Both Tools Need More Experts Available

Plone provides more 'true CMS' features OOB

Drupal provides more 'social publishing' OOB

Drupal UI has a little more polish, but fewer capabilities (workflow, collections, auth)

Plone OOB Performance is Superior

Plone Security Record is Superior



Which One Is Better?

Depends On Your Needs

Are you building a highly social website with lots of user/visitor/member-generated content? Probably Drupal

Are you building a site for a public agency or company with many regulations to comply with? Probably Plone

Other than those obvious segments, there is a lot of overlap, so tool choice could come down to preference of:

- Coding Language (Python for Plone vs. PHP for Drupal)
- Hosting Options
- Available Consultants/Developers

Both tools are very capable and continue to advance



Recommendation

Well, I' m a bit biased;)

Have a capable internal team that is expert in the technology

Partner with a consultant that has done these projects many times

Both tools are good enough that implementation team will be the key





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