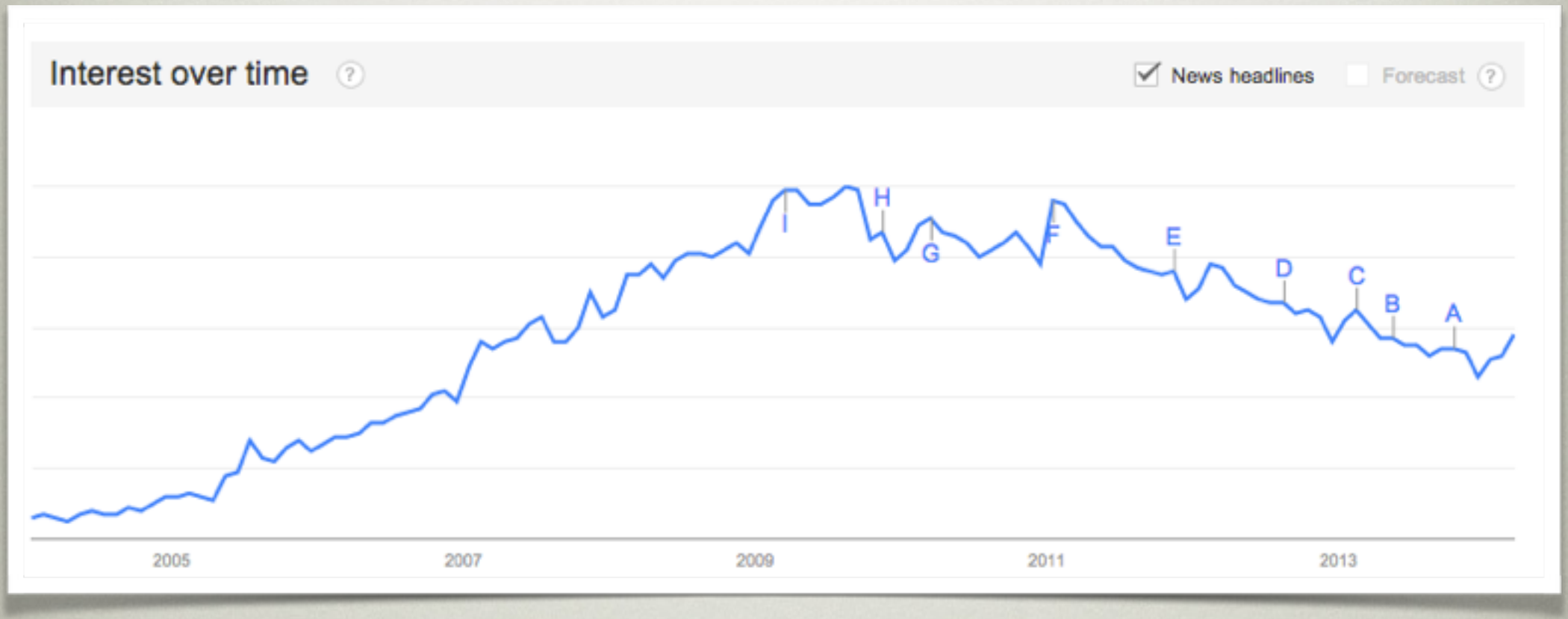
backdrop

Because there is a cost that comes with change

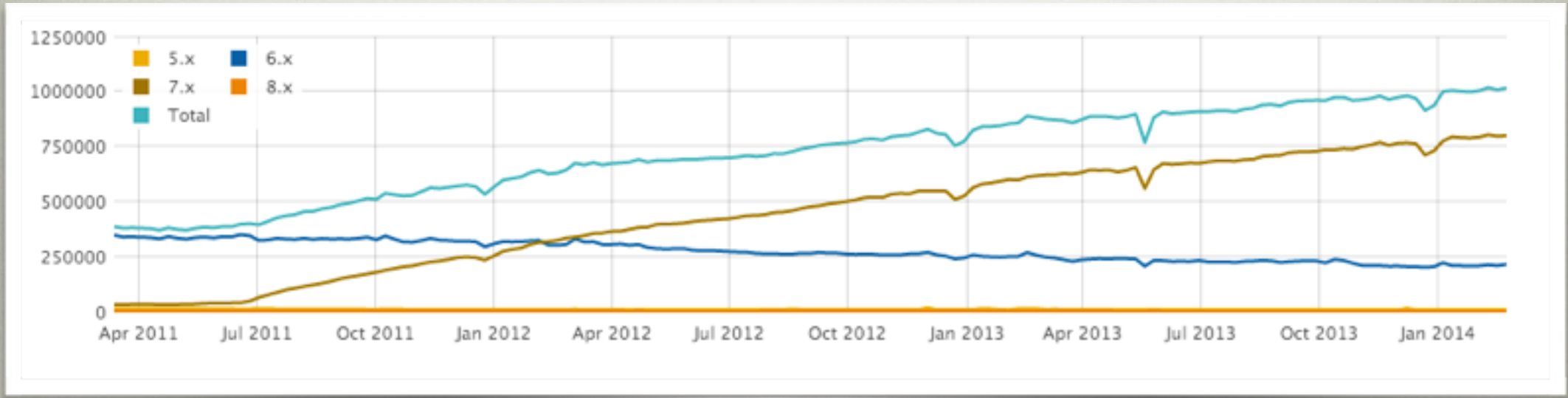
Jen Lampton ~ @jenlampton
Nate Haug ~ @quicksketch

Trends



http://bit.ly/google-cms-trends

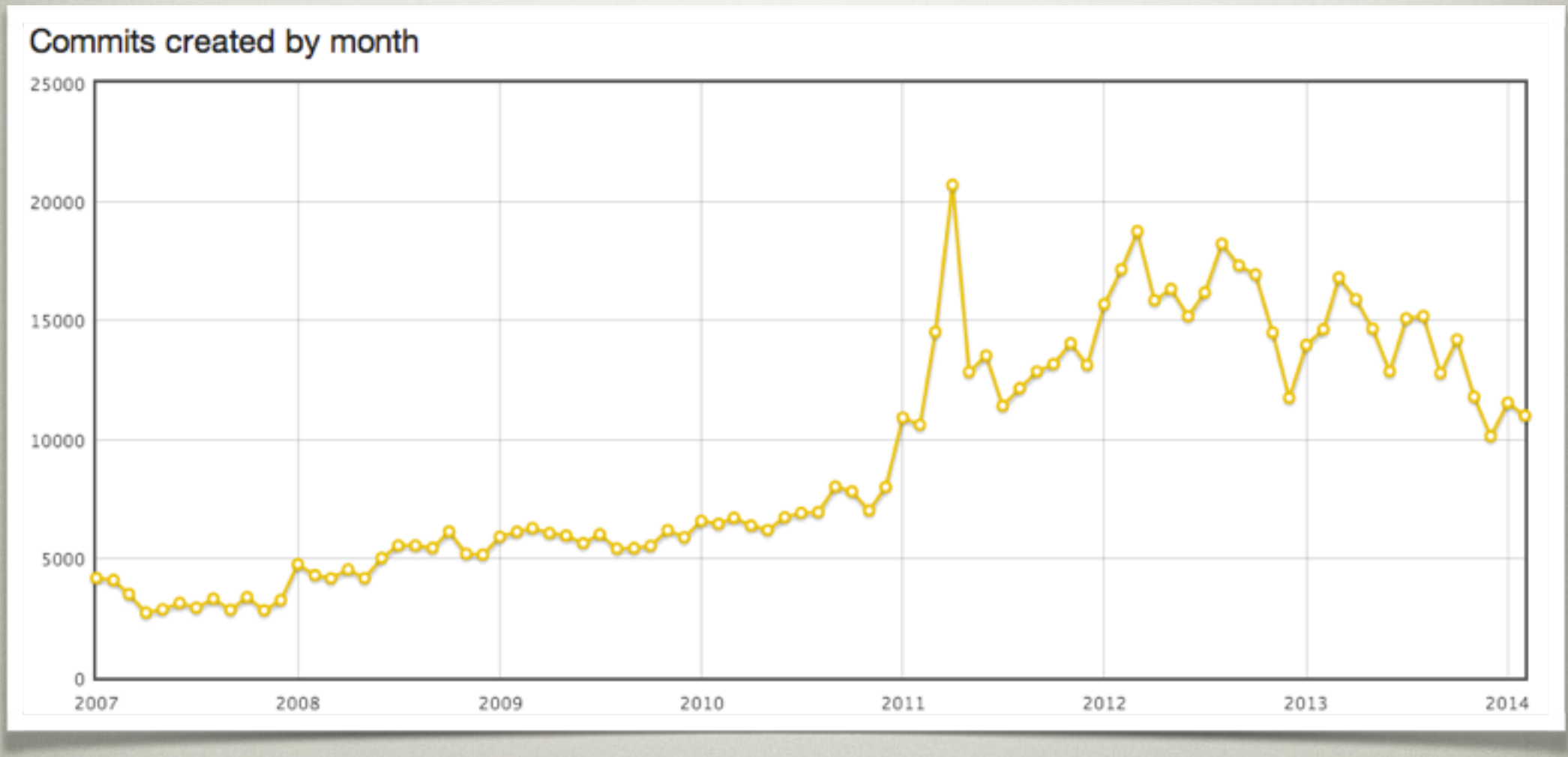
Usage



- 68% of D6 sites haven't yet upgraded
- Creation of new sites not increasing

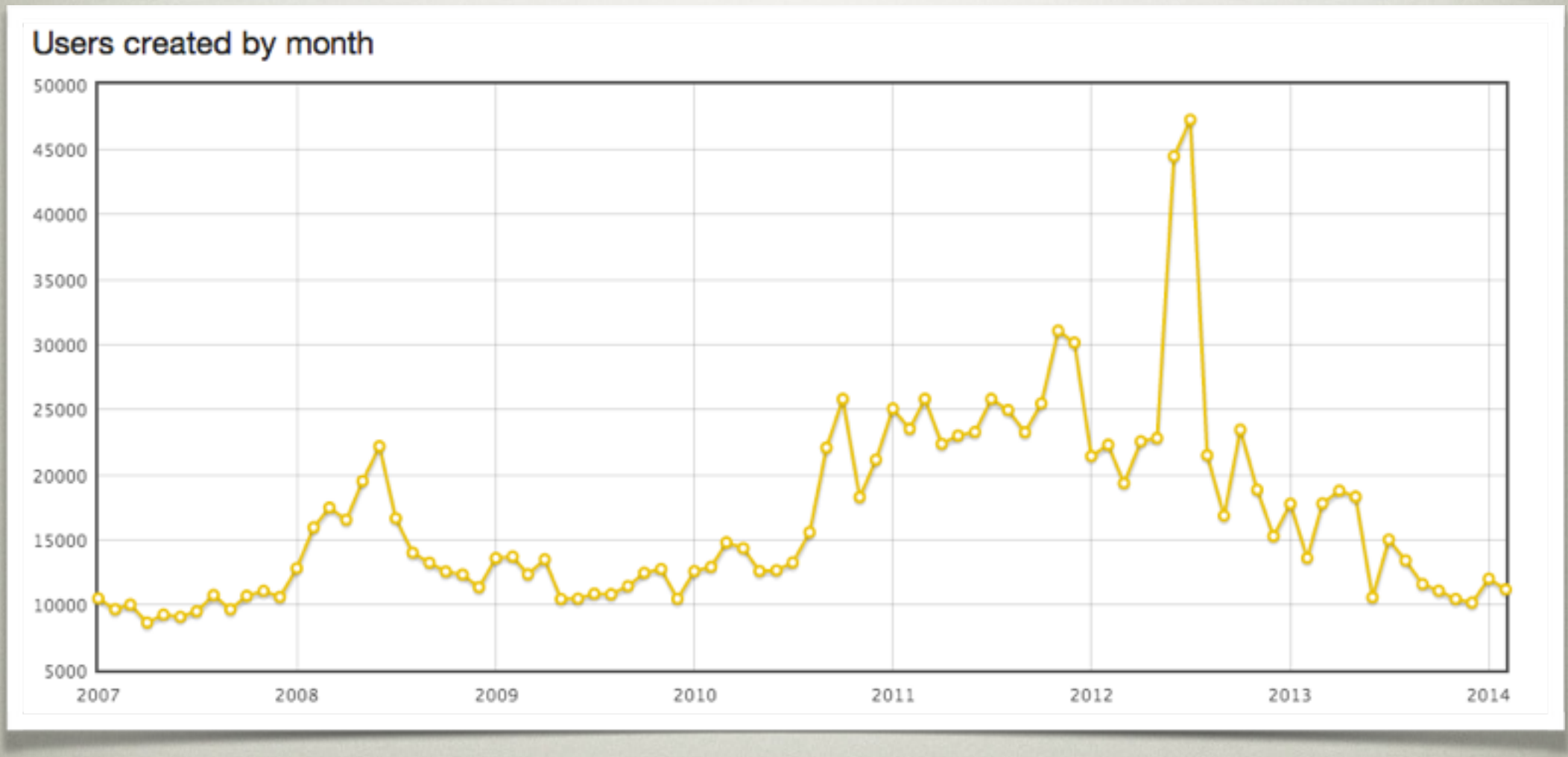
https://drupal.org/project/usage/drupal

Commits



https://drupal.org/metrics

Accounts on d.o



https://drupal.org/metrics

What can we do about it?

- Drupal 8
- Backdrop CMS
- Use Something Else

  WordPress, SquareSpace, Concrete5?

backdrop

A Drupal Fork

Jen Lampton ~ @jenlampton
Nate Haug ~ @quicksketch

Who are we to judge?

Professional Drupal Trainers

- Combined we've taught over 1,500 students
- Each created materials for in-person training classes
- Each featured in Drupalize.me training videos
- Nate: Lullabot trainer since 2005
- Jen: Director of training at Chapter Three, 2010-2012
- Nate: Co-author O'Reilly book "Using Drupal"

Who are we to judge?

Core Contributors

Nate

- AJAX Framework & drag-and-drop systems in Drupal 6
- File & Image modules in Drupal 7
- Dialog system & CKEditor in Drupal 8

Jen

- First core patch included in 7.14 release
- Drupal core usability team member, D7 & D8
- Twig initiative lead, Drupal 8 (2011 - 2013)

Who are we to judge?

Community Leaders

- Lead Organizer, BADCamp
- Organizing Committee, DrupalCon SF 2010
- Berkeley DUG member since 2006
- San Francisco DUG member since 2009
- East Bay DUG member since 2013

Backdrop CMS Roadmap

1. Configuration Management
2. Built-in Views Module
3. Revamped Block/ Layout System
4. Built-in WYSIWYG Support
5. Improved Editorial Experience
6. Improved Mobile Support
7. HTML5 Markup and Fields
8. Improved Performance
9. Reduced theme system complexity
10. Improved Multilingual Support

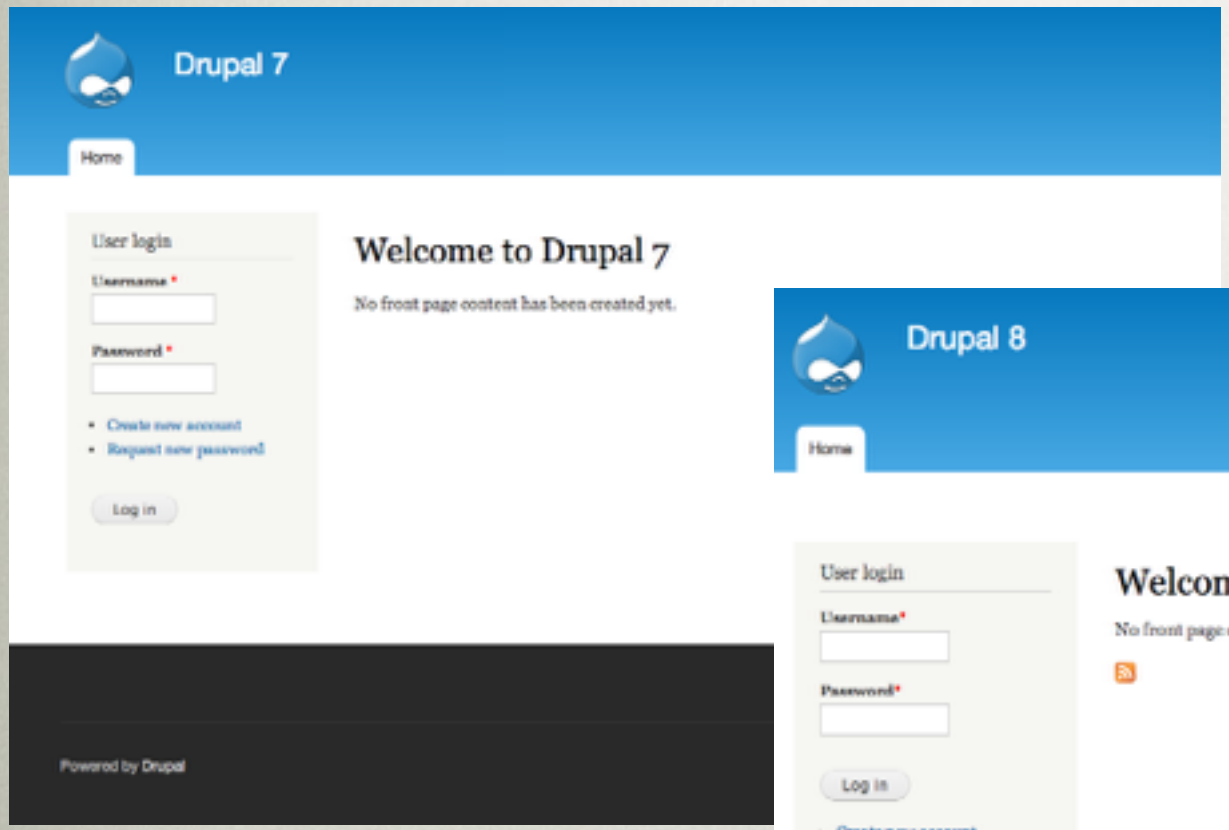
What's the Rub?

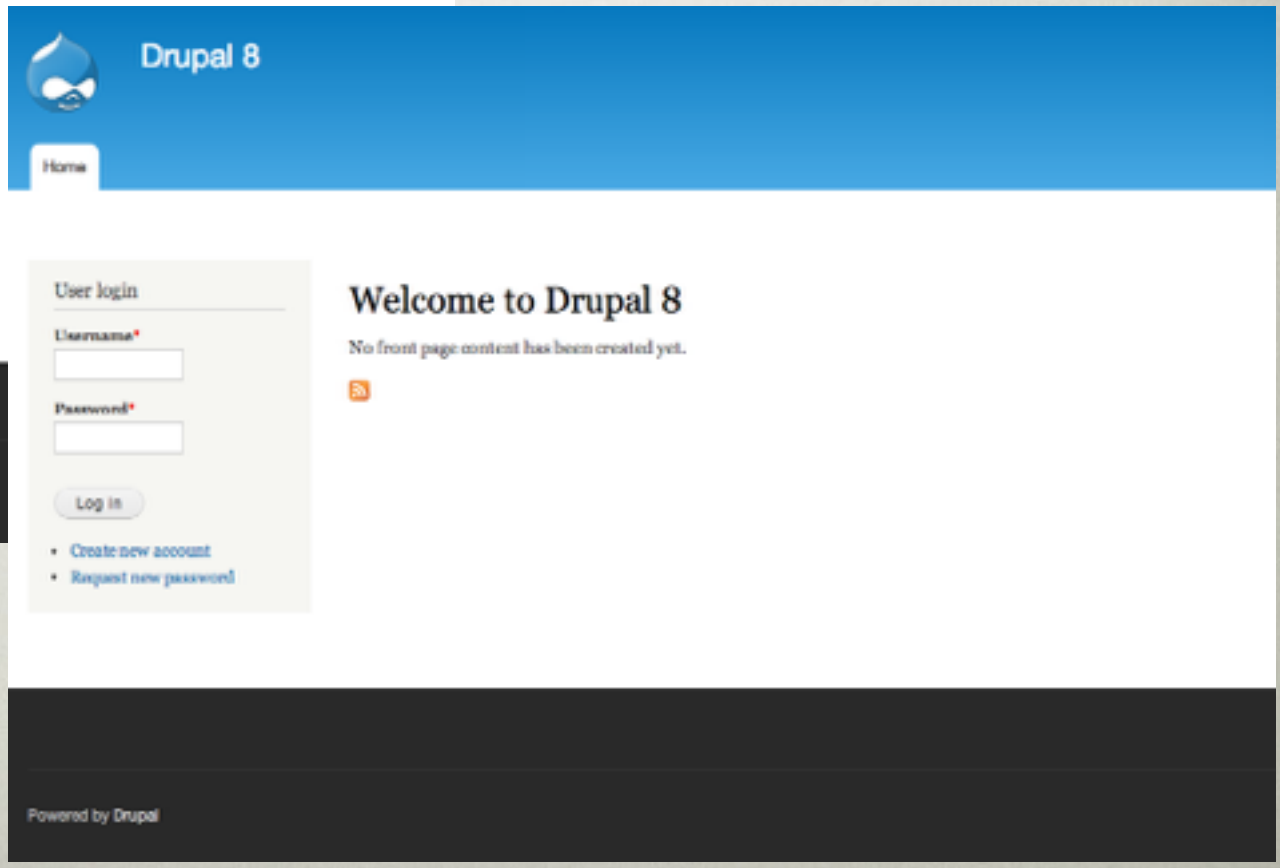
Drupal™

What's the Rub?

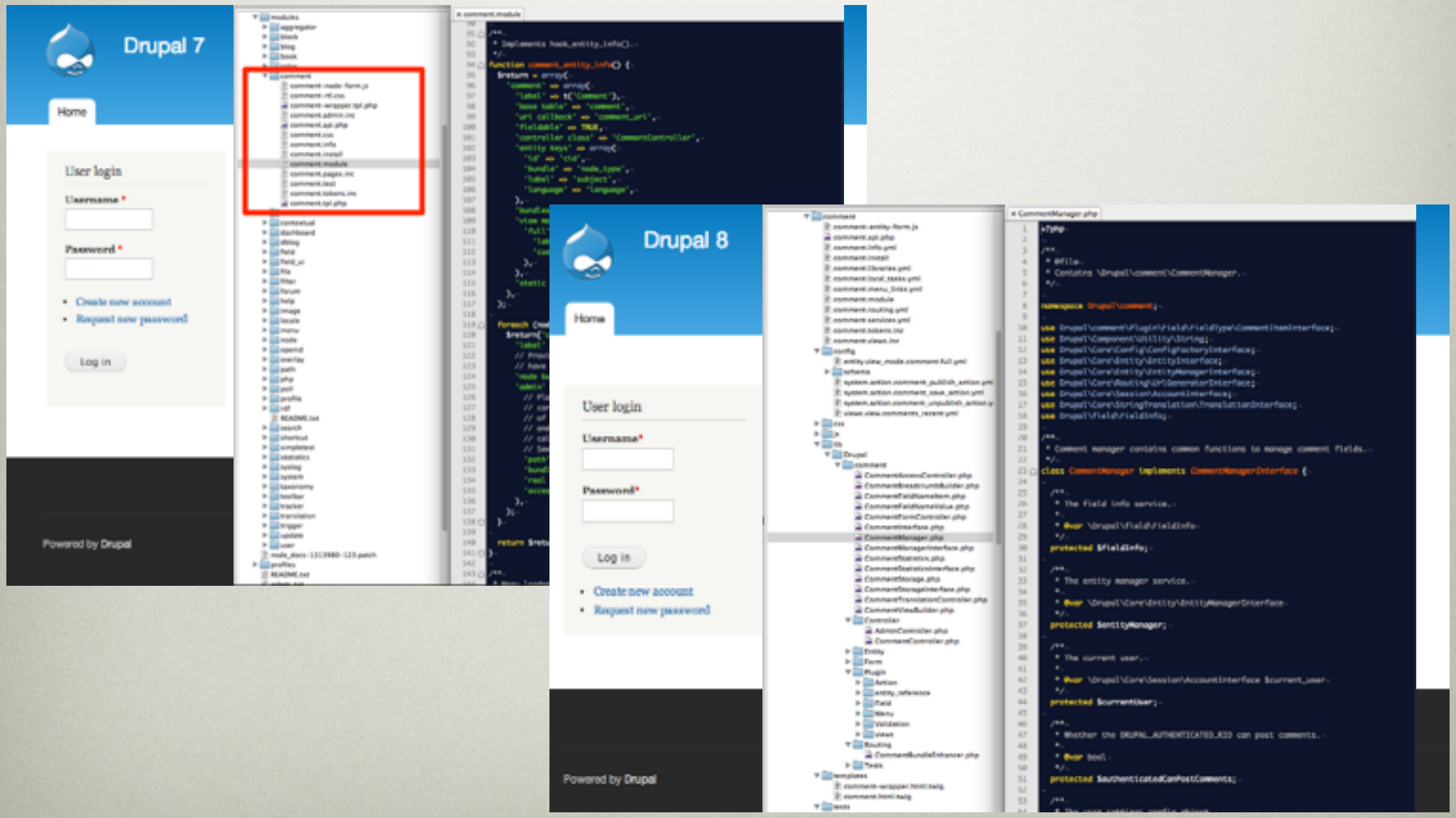
1. Difference from Drupal 7
2. Decision making process
3. Developer audience
4. Direction of project
5. Distress from existing community

1) Difference





1) Difference



1) Difference

8,676

contributed modules

(for Drupal 7)

2) decision making

Do-acracy

Drupal is a do-ocracy, [...] things happen within the community because people are willing to do them.

blog.nerdery.com/2013/02/do-ocracy-and-the-drupal-contrib-ecosystem/

- Andrea "zendoodles" Zoper

Drupal is a do-ocracy. People who act get recognized and become influential

https://twitter.com/drupalcon/status/211012731434835969

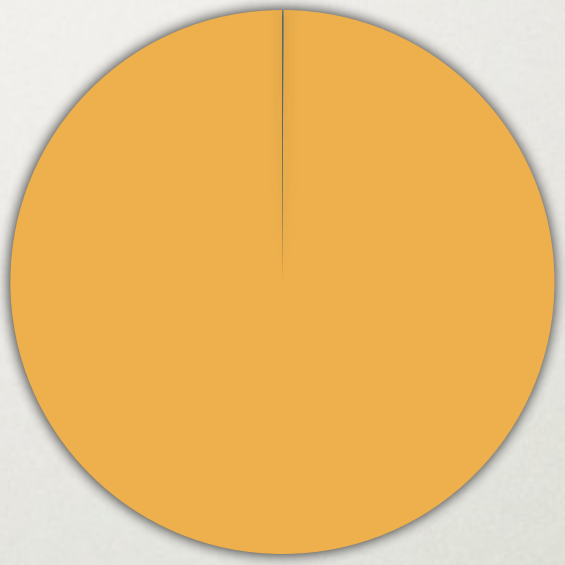
- Addi "add1sun" Berry

Example (pro)

Example (con)

Alternate SQL

- Oracle 0.0001%
- MSSQL 0.9%
- MySQL/Postgres 99%



Alternate Field Storage

- MongoDB 0.0005%
- Riak, Combination, Per-bundle SQL 0.0001%
- Field SQL Storage 99.999%

3) Developer Audience

Drupal™

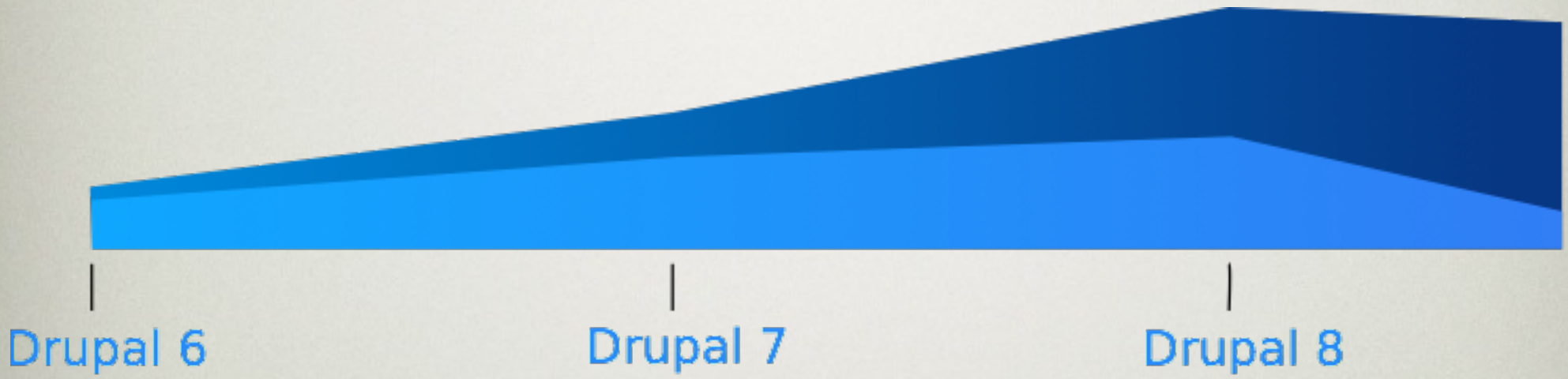
Drupal Usage

> I think there are two kinds of developers — I'm generalizing — in the Drupal world,

1. There's the self-taught Drupal developer and Drupal is how they learn to program.
2. And then there are the professionally trained developers […] that went through college or had some sort of training...

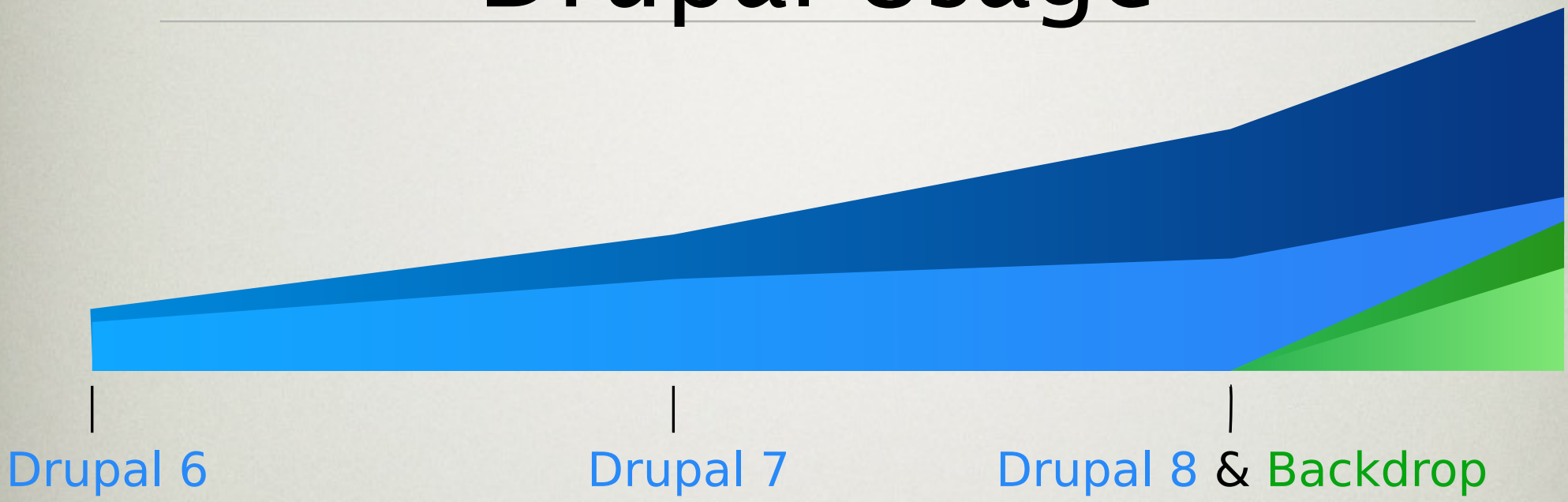
Computerworld - March 11, 2013 - http://bit.ly/drupal-dev-types

Drupal Usage



- Drupal 8 successfully grows the "professional" market
- But compromises the self-taught "amateur" market

Drupal Usage



Backdrop CMS fills the down-market gap

4) Direction

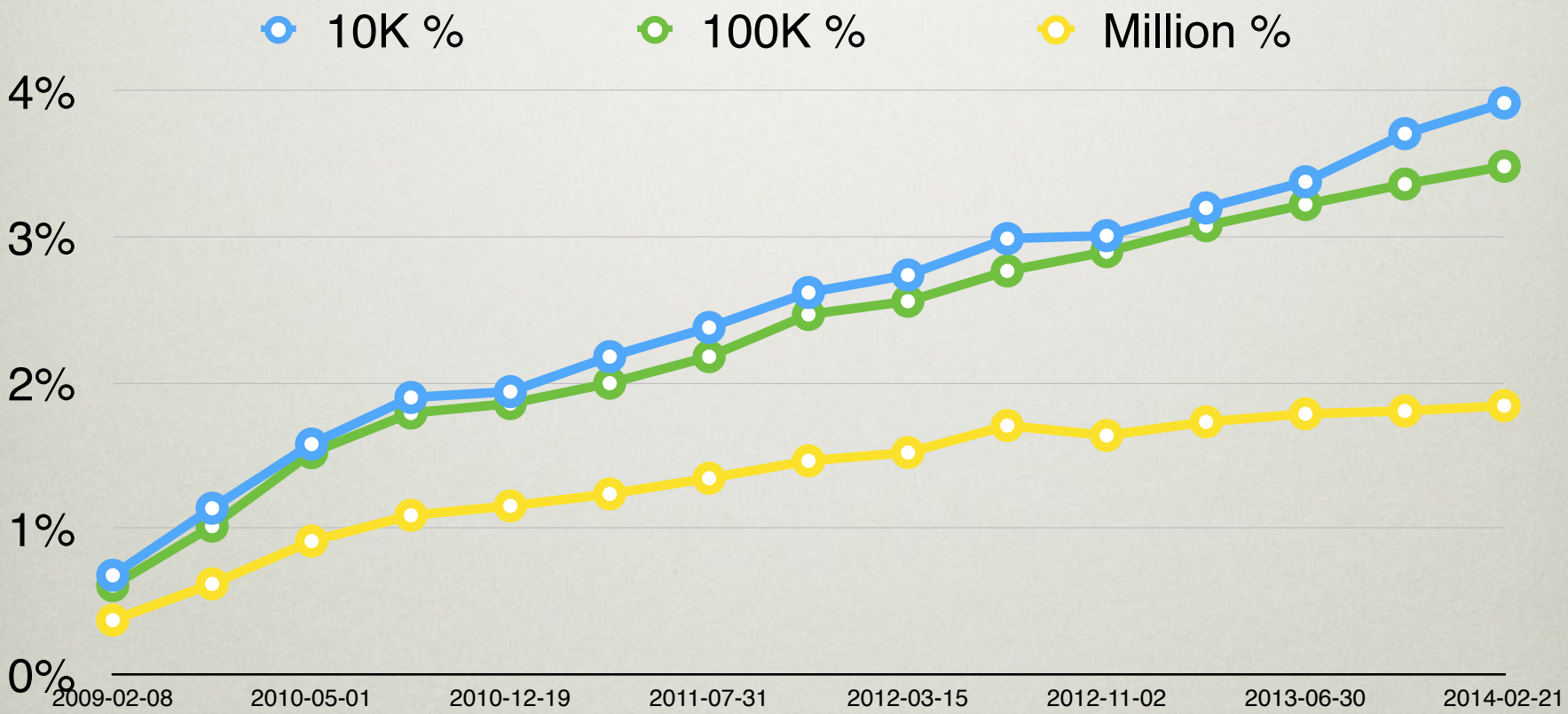
Drupal™

4) Direction

- Larger codebase
- More dependencies (on external libraries)
- Symfony-framework based HTTP Kernel
- All* OOP code & design patterns
- Dependency Injection
- Going enterprise

4) Direction

Drupal marketshare by site traffic



Drupal is getting more & more popular for large sites

5) Distress

5) Distress

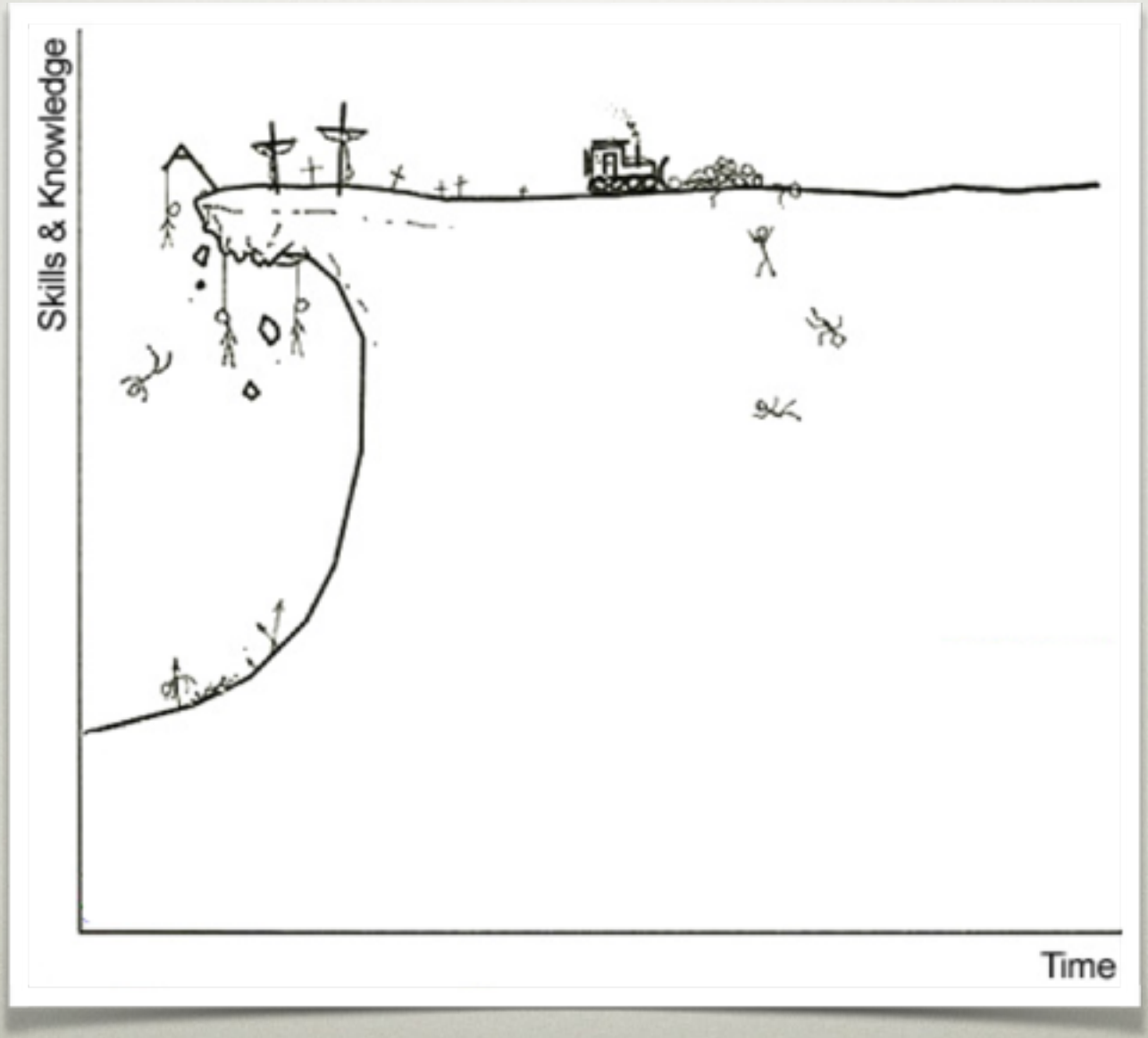
- Cost
- Learning curve

https://www.google.com/search?q=distress+synonyms&oq=distress+synonyms

Cost

- software (free!)
- development
- hosting
- **maintenance**
- **upgrades**

Learning Curve



Backdrop CMS

A New Direction

Meritocracy

“

Meritocracy is a philosophy that holds power should be vested in individuals according to merit.

Backdrop CMS will be evaluating

ideas

based on merit.

http://en.wikipedia.org/wiki/Meritocracy

Evaluating “Merit”

Who decides what has merit?

What criteria are evaluated
to decide merit?

Evaluating "Merit"

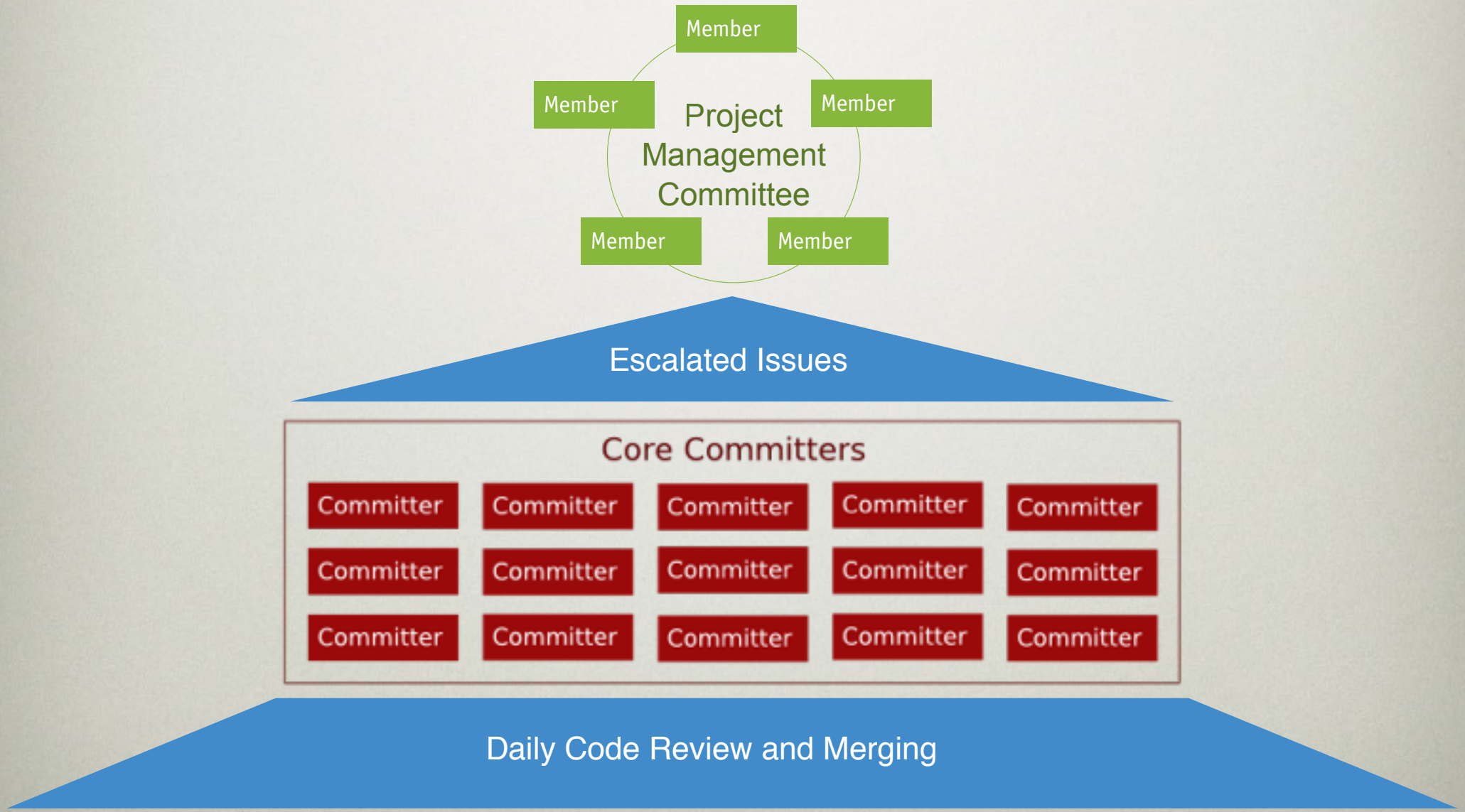
Borrow the model from Apache

PMC

Project Management Committee

http://www.apache.org/dev/pmc.html

Project Management Committee (PMC)



Evaluating "Merit"

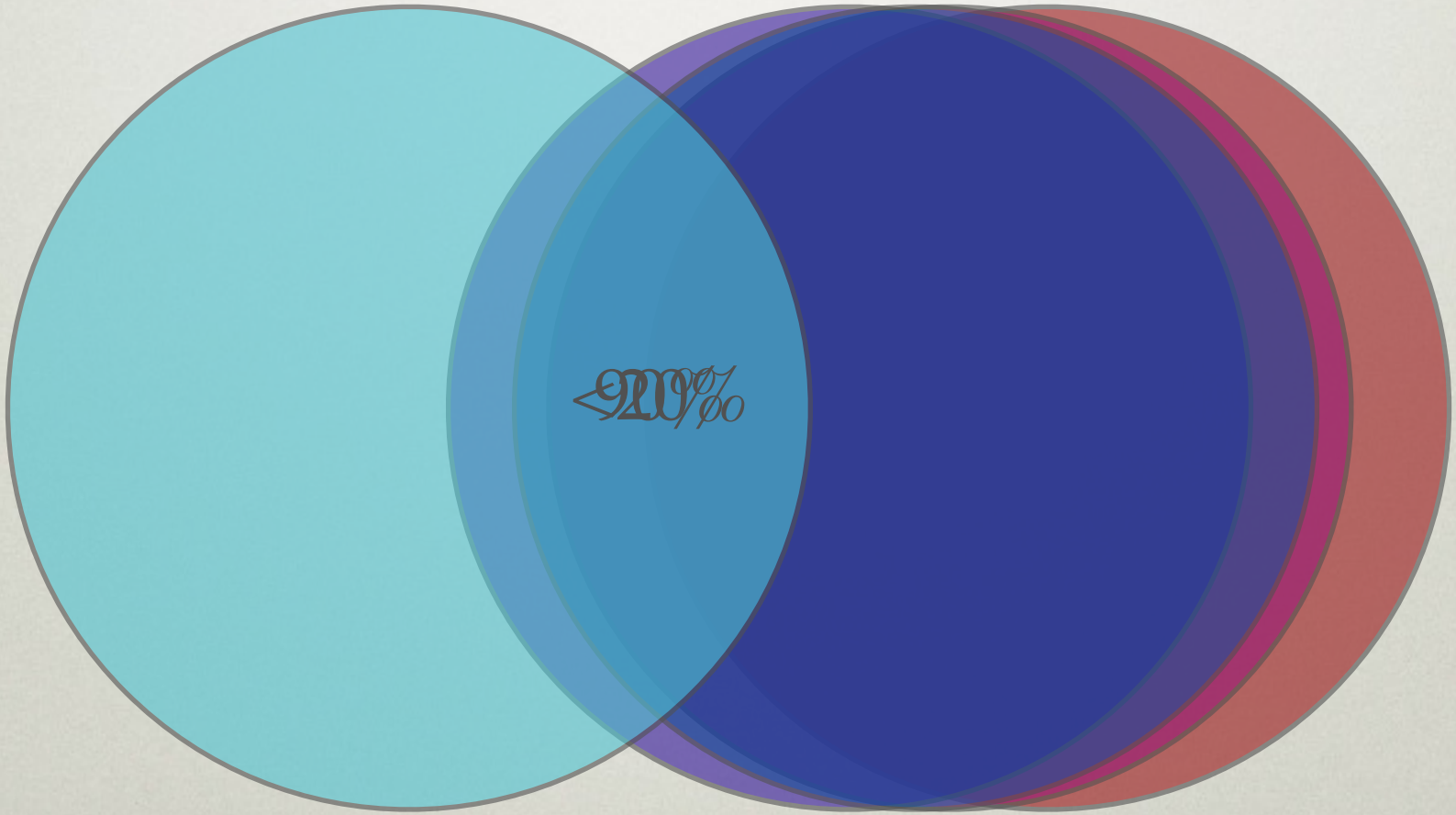
Who decides what has merit?

What criteria are evaluated to decide merit?

Backdrop CMS Philosophy

1. Keep change to a **minimum**
2. Architect for the **majority** (code)
3. Design for the **majority** (features & UI)
4. Provide **extensibility** (for the minority)
5. Keep **low system requirements**
6. Issue **planned and measured** releases
7. Always remain free and **Open Source**

Keep change to a minimum



Architect for the Majority

- Use basic language patterns
- Choose direct implementation over abstraction

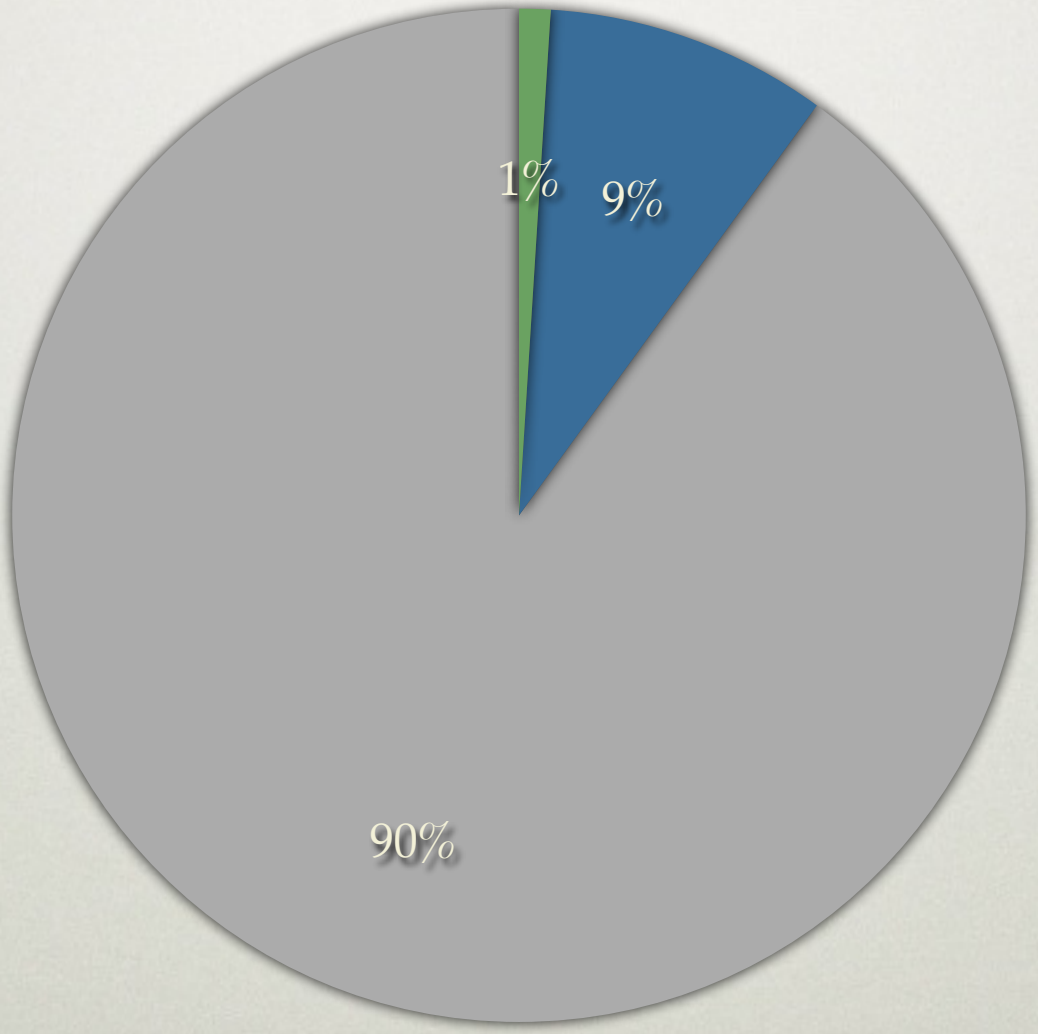
Better code isn't necessarily
better for the community

http://www.jenlampton.com/presentations/engineering-80-too-0

Design for the Majority

- Features needed for 80% of all sites included in core

1% Rule

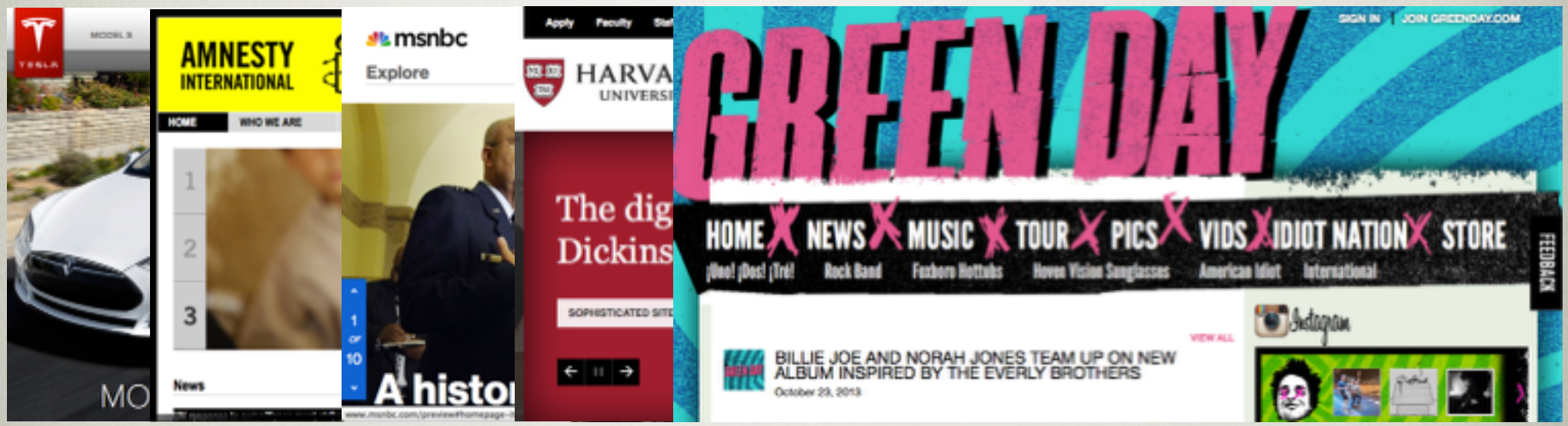


Extensibility

- Stable APIs (even across major releases)*
- The minority can turn to contributed code for their solutions.
- Improving the software iteratively with regular minor releases

*Within that 10% change mentioned earlier

Extensibility



- Powerful core that provides the most commonly utilized functionality.
- (Balanced by the tenets of learnability and performance.)

When will it be released?

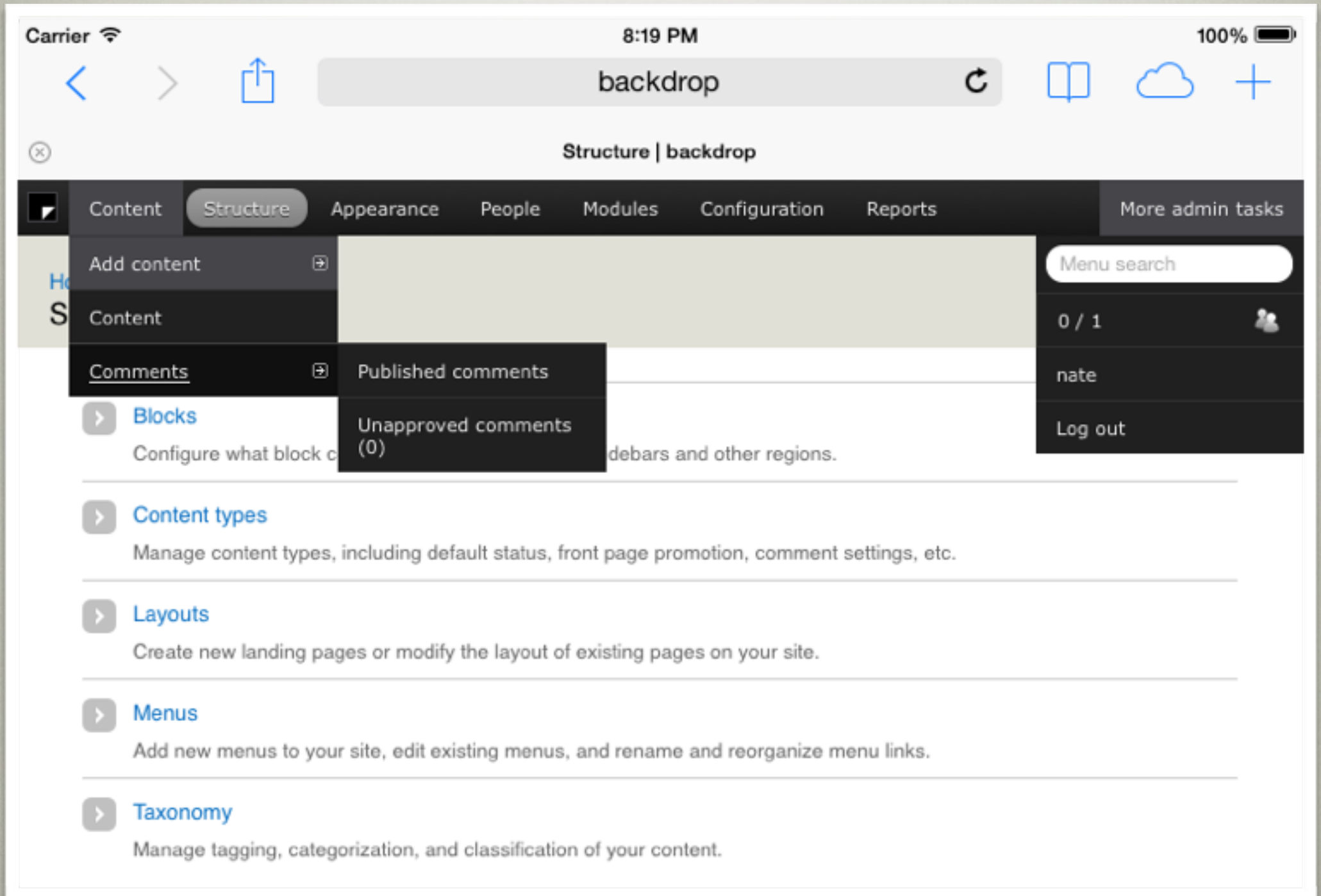
Backdrop CMS

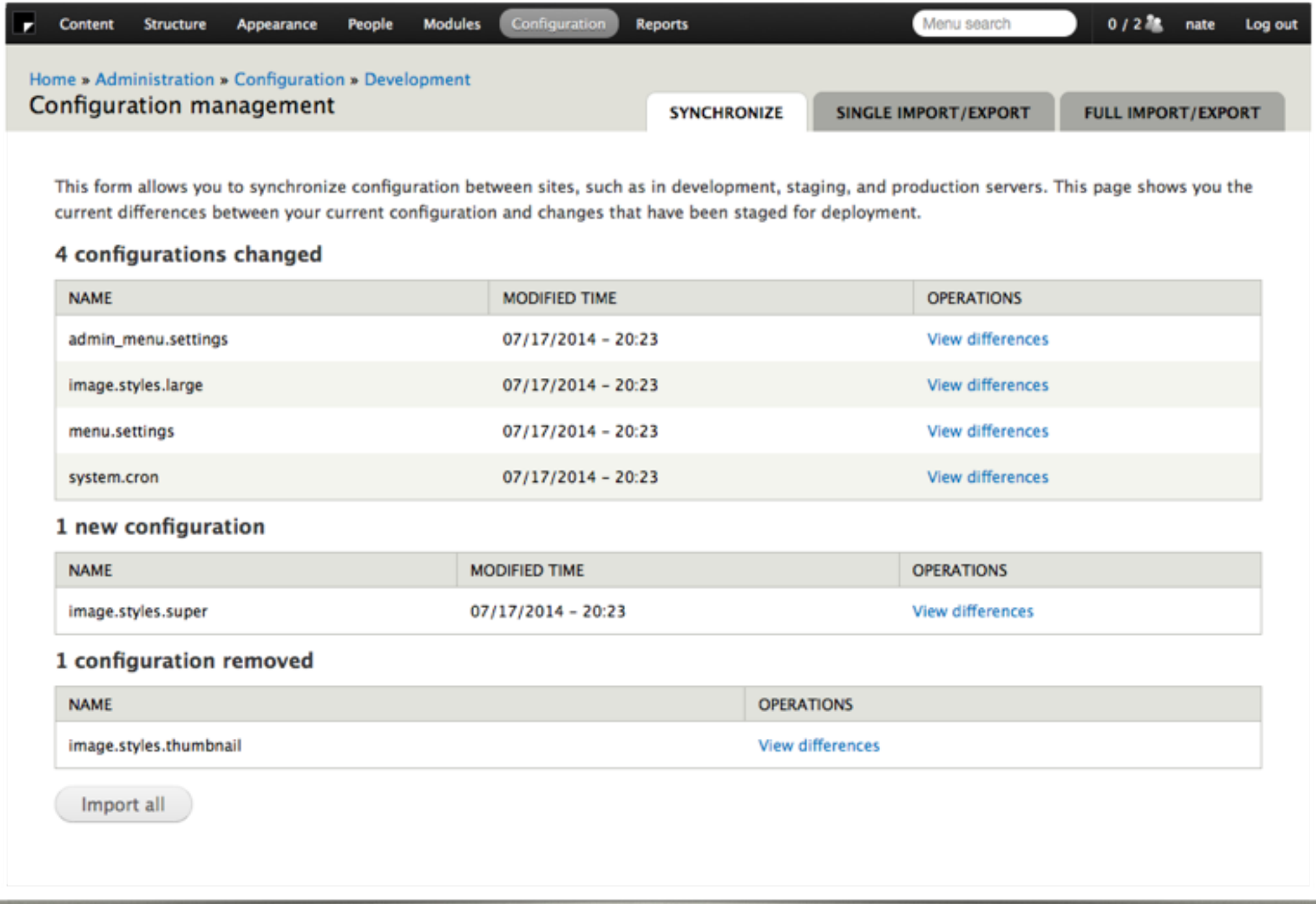
Coming

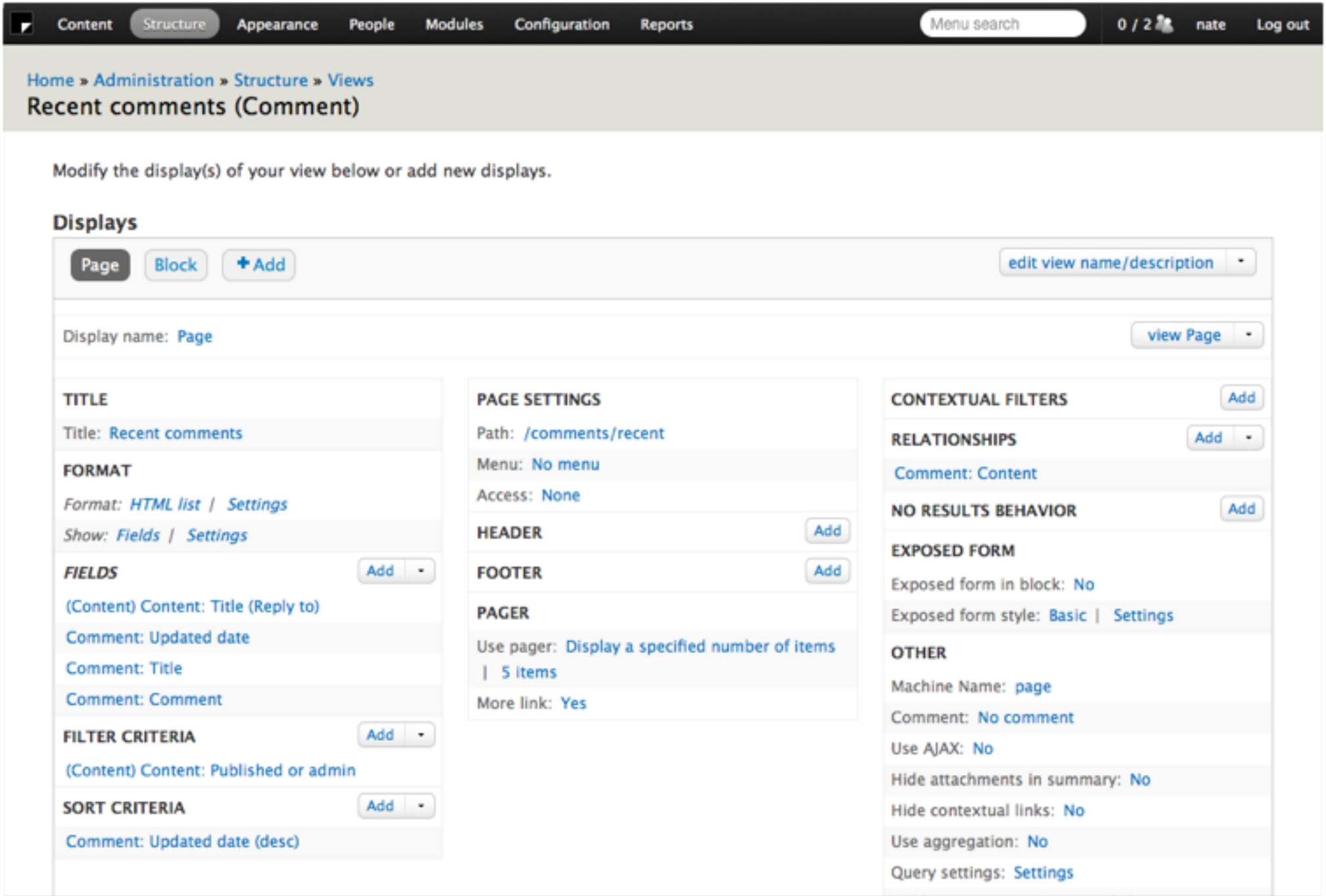
~~Summer 2014~~

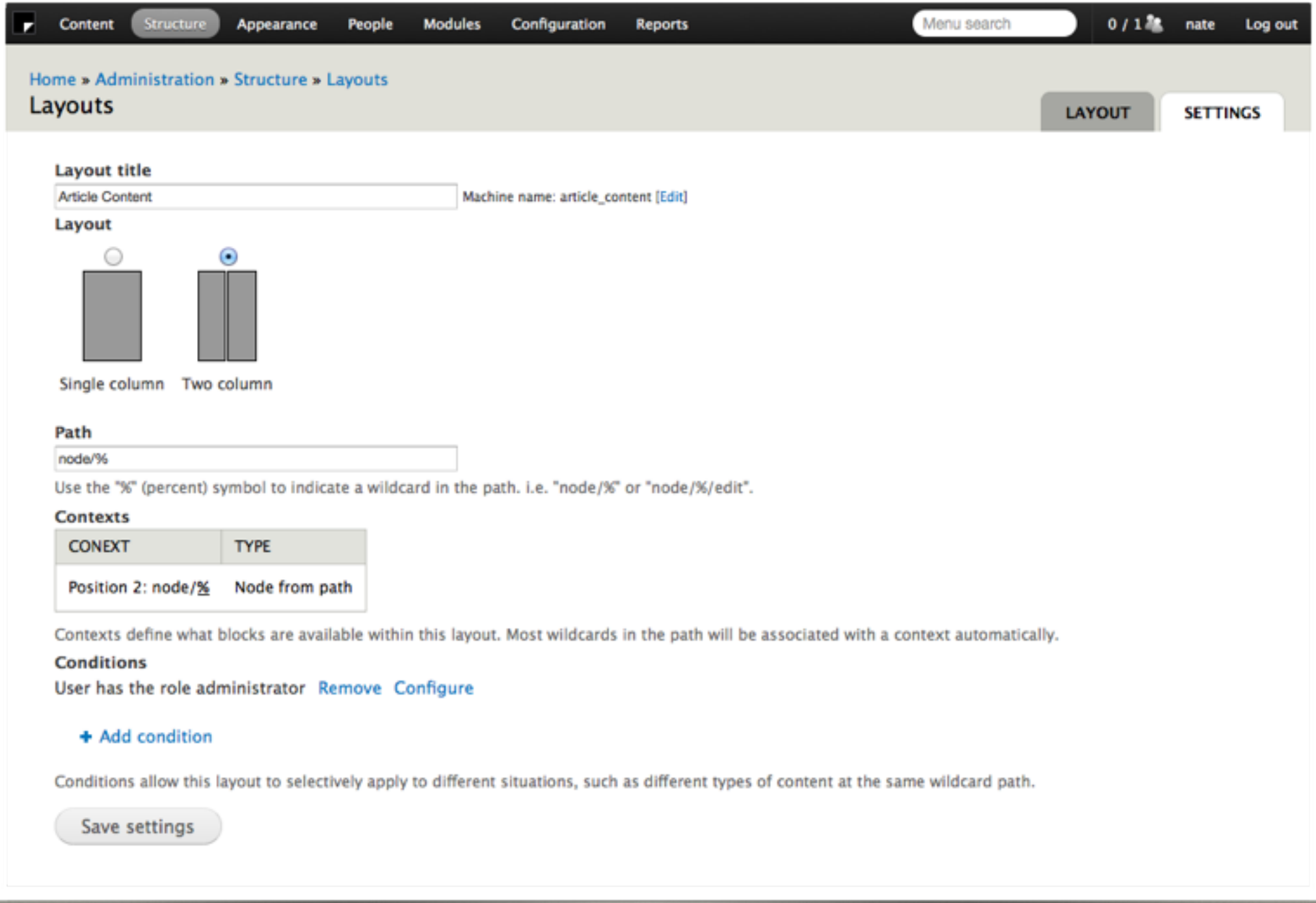
Fall 2014.

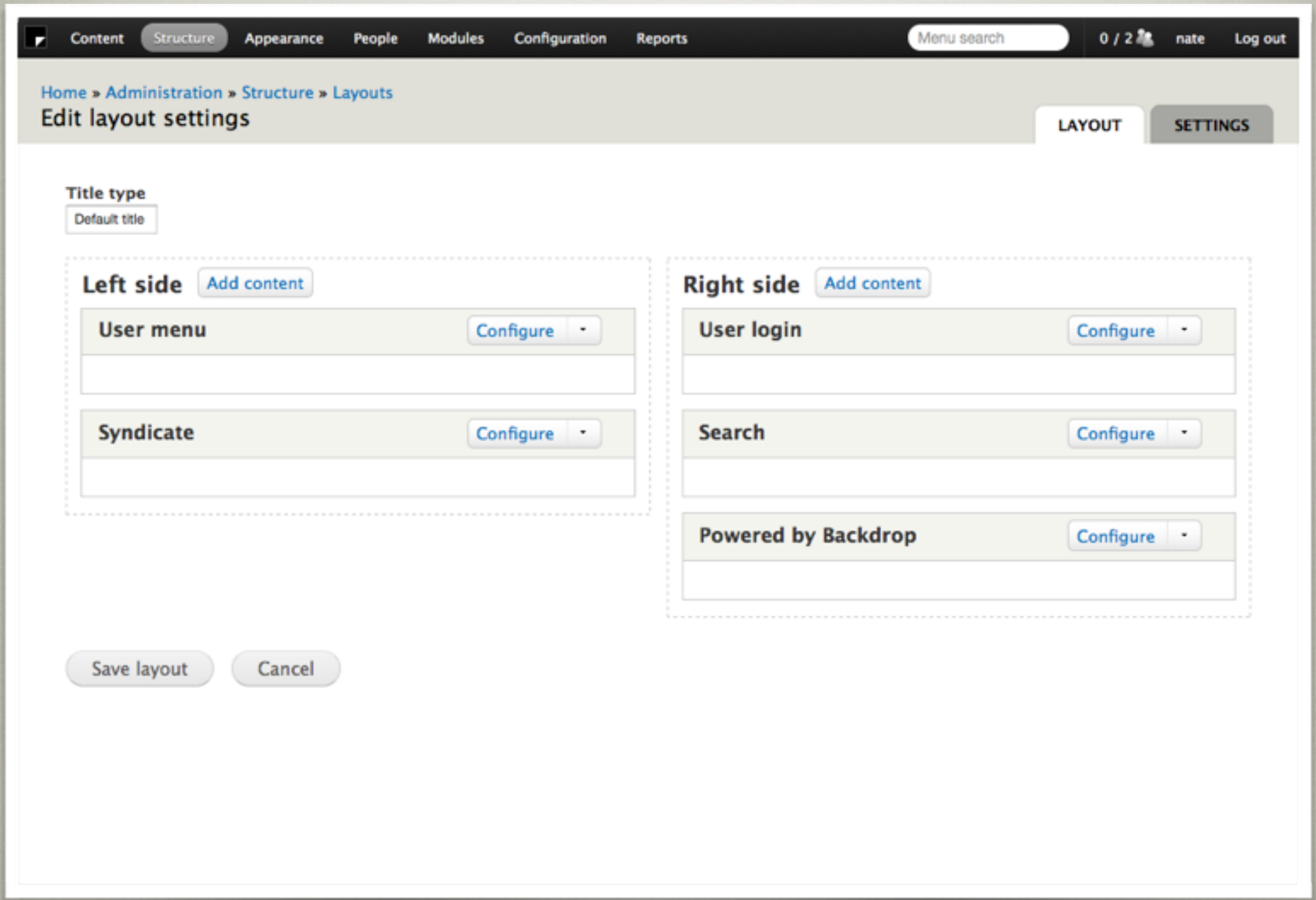
Where are we now?


Carrier
8:19 PM
100%
backdrop
Structure | backdrop
Content
Structure
Appearance
People
Modules
Configuration
Reports
More admin tasks
Add content
Content
Comments
Published comments
Unapproved comments (0)
Menu search
0 / 1
nate
Log out
Blocks
Configure what block c
debars and other regions.
Content types
Manage content types, including default status, front page promotion, comment settings, etc.
Layouts
Create new landing pages or modify the layout of existing pages on your site.
Menus
Add new menus to your site, edit existing menus, and rename and reorganize menu links.
Taxonomy
Manage tagging, categorization, and classification of your content.


Content
Structure
Appearance
People
Modules
Configuration
Reports
Menu search
0 / 2
nate
Log out
Home » Administration » Configuration » Development
Configuration management
SYNCHRONIZE
SINGLE IMPORT/EXPORT
FULL IMPORT/EXPORT
This form allows you to synchronize configuration between sites, such as in development, staging, and production servers. This page shows you the current differences between your current configuration and changes that have been staged for deployment.
4 configurations changed
NAME
MODIFIED TIME
OPERATIONS
admin_menu.settings
07/17/2014 - 20:23
View differences
image.styles.large
07/17/2014 - 20:23
View differences
menu.settings
07/17/2014 - 20:23
View differences
system.cron
07/17/2014 - 20:23
View differences
1 new configuration
NAME
MODIFIED TIME
OPERATIONS
image.styles.super
07/17/2014 - 20:23
View differences
1 configuration removed
NAME
OPERATIONS
image.styles.thumbnail
View differences
Import all


Content
Structure
Appearance
People
Modules
Configuration
Reports
Menu search
0 / 2
nate
Log out
Home » Administration » Structure » Views
Recent comments (Comment)
Modify the display(s) of your view below or add new displays.
Displays
Page
Block
+ Add
edit view name/description
Display name: Page
view Page
TITLE
Title: Recent comments
FORMAT
Format: HTML list | Settings
Show: Fields | Settings
FIELDS
Add
(Content) Content: Title (Reply to)
Comment: Updated date
Comment: Title
Comment: Comment
FILTER CRITERIA
Add
(Content) Content: Published or admin
SORT CRITERIA
Add
Comment: Updated date (desc)
PAGE SETTINGS
Path: /comments/recent
Menu: No menu
Access: None
HEADER
Add
FOOTER
Add
PAGER
Use pager: Display a specified number of items | 5 items
More link: Yes
CONTEXTUAL FILTERS
Add
RELATIONSHIPS
Add
Comment: Content
NO RESULTS BEHAVIOR
Add
EXPOSED FORM
Exposed form in block: No
Exposed form style: Basic | Settings
OTHER
Machine Name: page
Comment: No comment
Use AJAX: No
Hide attachments in summary: No
Hide contextual links: No
Use aggregation: No
Query settings: Settings


Content
Structure
Appearance
People
Modules
Configuration
Reports
Menu search
0 / 1
nate
Log out
Home » Administration » Structure » Layouts
Layouts
LAYOUT
SETTINGS
Layout title
Article Content
Machine name: article_content [Edit]
Layout
Single column
Two column
Path
node/%
Use the "%" (percent) symbol to indicate a wildcard in the path. i.e. "node/%" or "node/%/edit".
Contexts
CONEXT
TYPE
Position 2: node/%
Node from path
Contexts define what blocks are available within this layout. Most wildcards in the path will be associated with a context automatically.
Conditions
User has the role administrator
Remove
Configure
+ Add condition
Conditions allow this layout to selectively apply to different situations, such as different types of content at the same wildcard path.
Save settings


Content
Structure
Appearance
People
Modules
Configuration
Reports
Menu search
0 / 2
nate
Log out
Home » Administration » Structure » Layouts
Edit layout settings
LAYOUT
SETTINGS
Title type
Default title
Left side
Add content
User menu
Configure
Syndicate
Configure
Right side
Add content
User login
Configure
Search
Configure
Powered by Backdrop
Configure
Save layout
Cancel

Questions?

backdrop

backdropcms.org
github.com/backdrop

Jen Lampton ~ @jenlampton
Nate Haug ~ @quicksketch