backdrop

Backdrop CMS

Because there's a cost that comes with change.

@BackdropCMS @jenlampton @quicksketch

Who are we to judge?

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

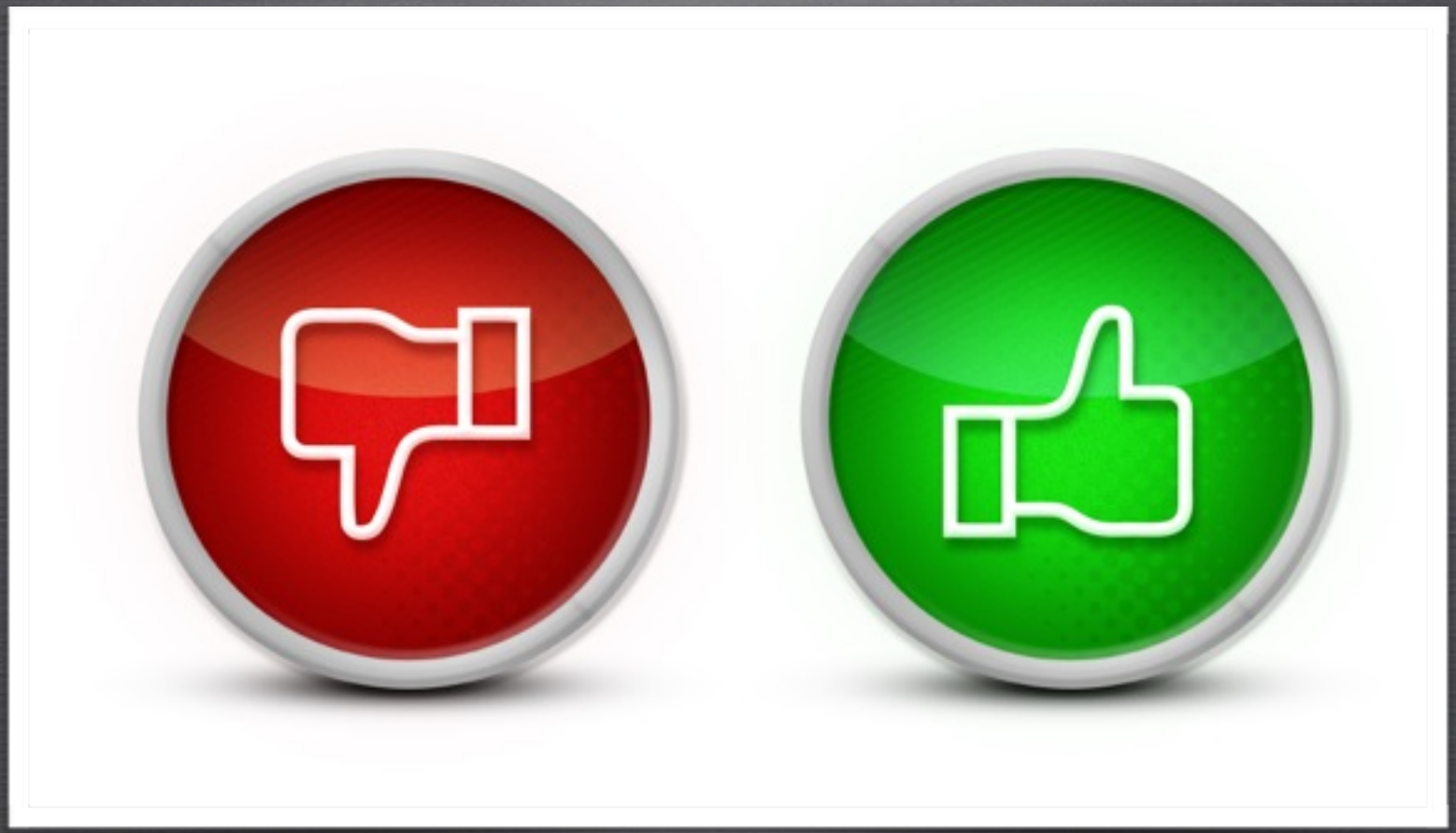
Jen

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

Who are we to judge?

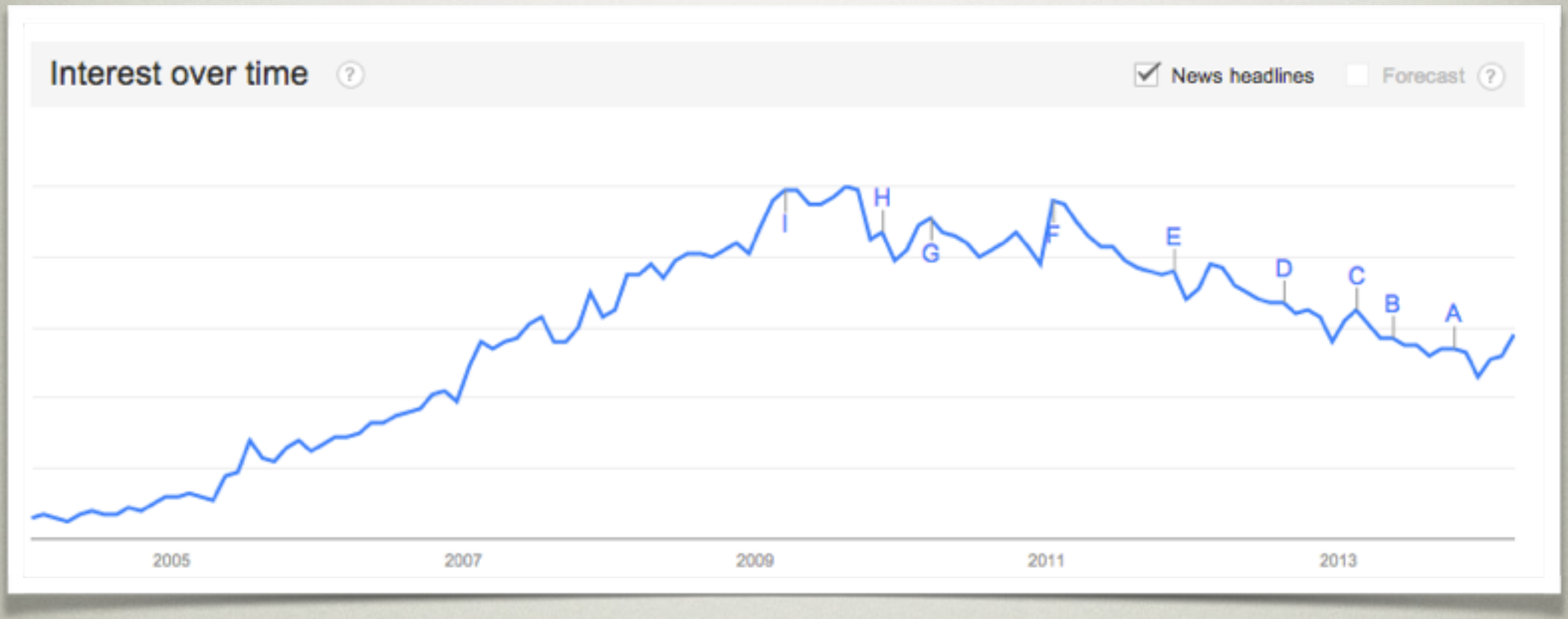
Community Advocates

- Lead Organizer, BADCamp
- Organizing Committee, DrupalCon SF 2010
- Berkeley DUG member since 2006
- San Francisco DUG member since 2009
- East Bay DUG members since 2013
- **Spoken @ 70+ Drupal Camps & Cons, combined.**



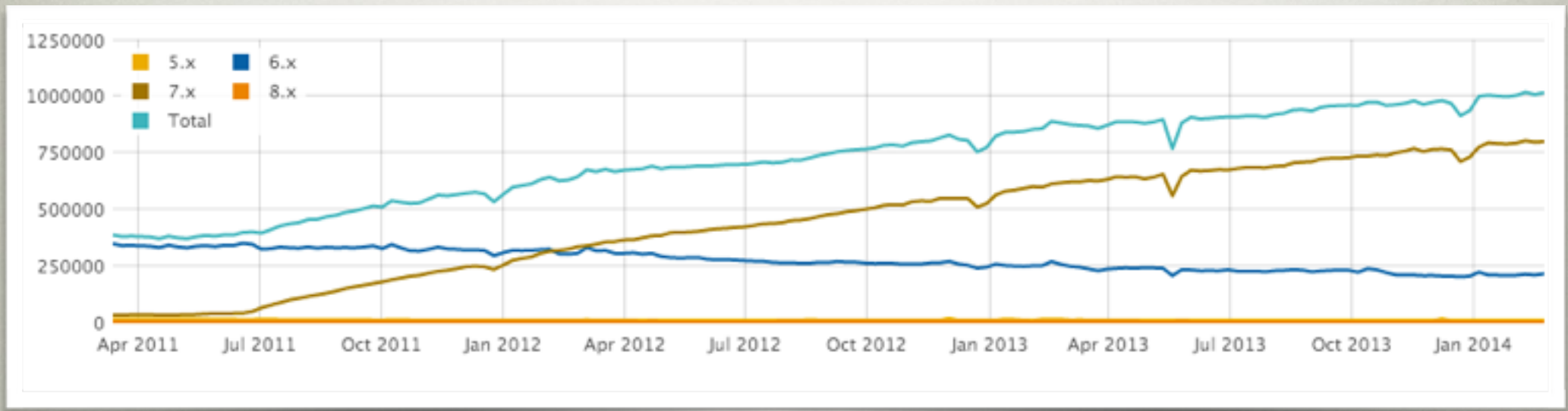
Drupal

Google Trends



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

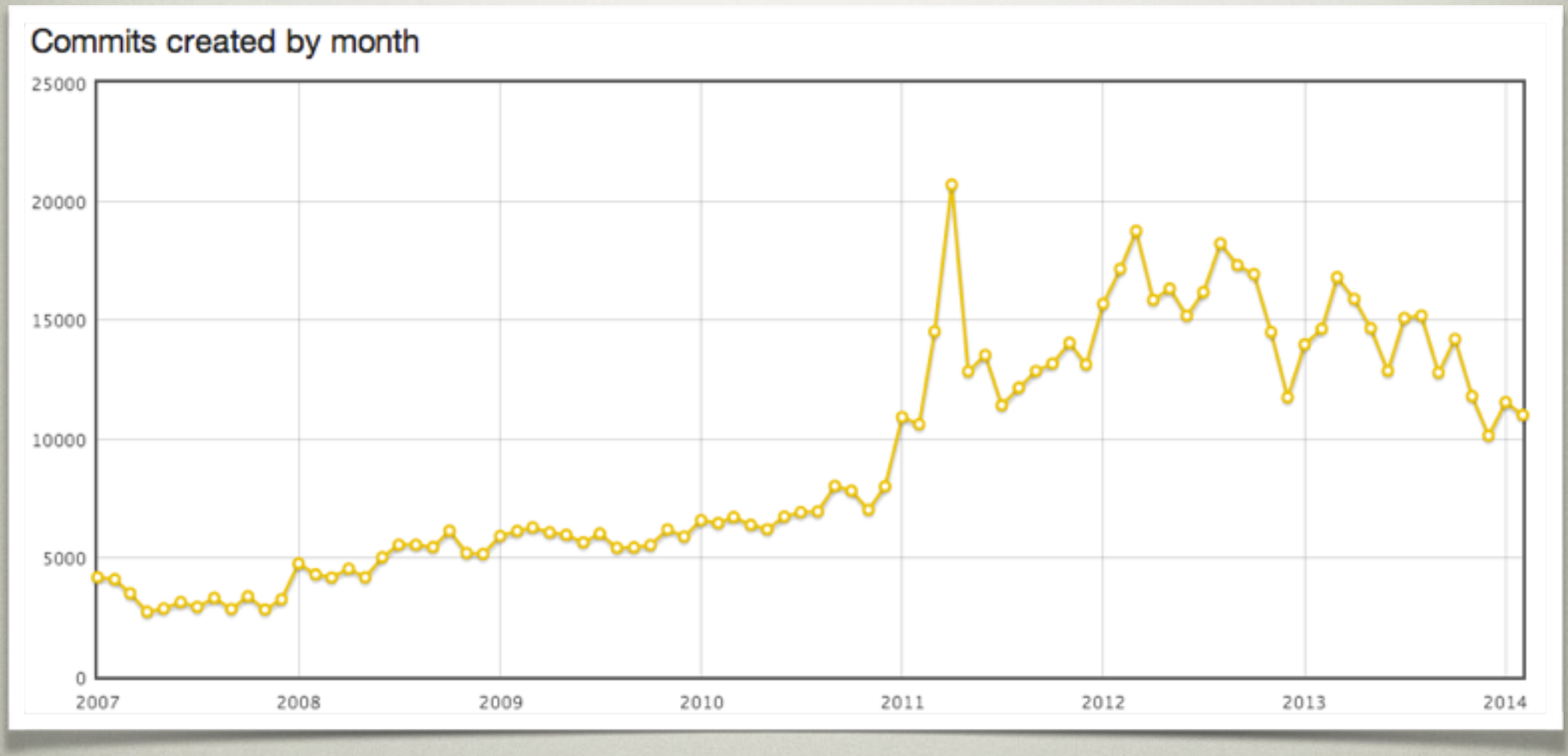
Usage by version



- 68% of Drupal 6 sites haven't upgraded (yet)
- Creation of new sites not increasing (much)

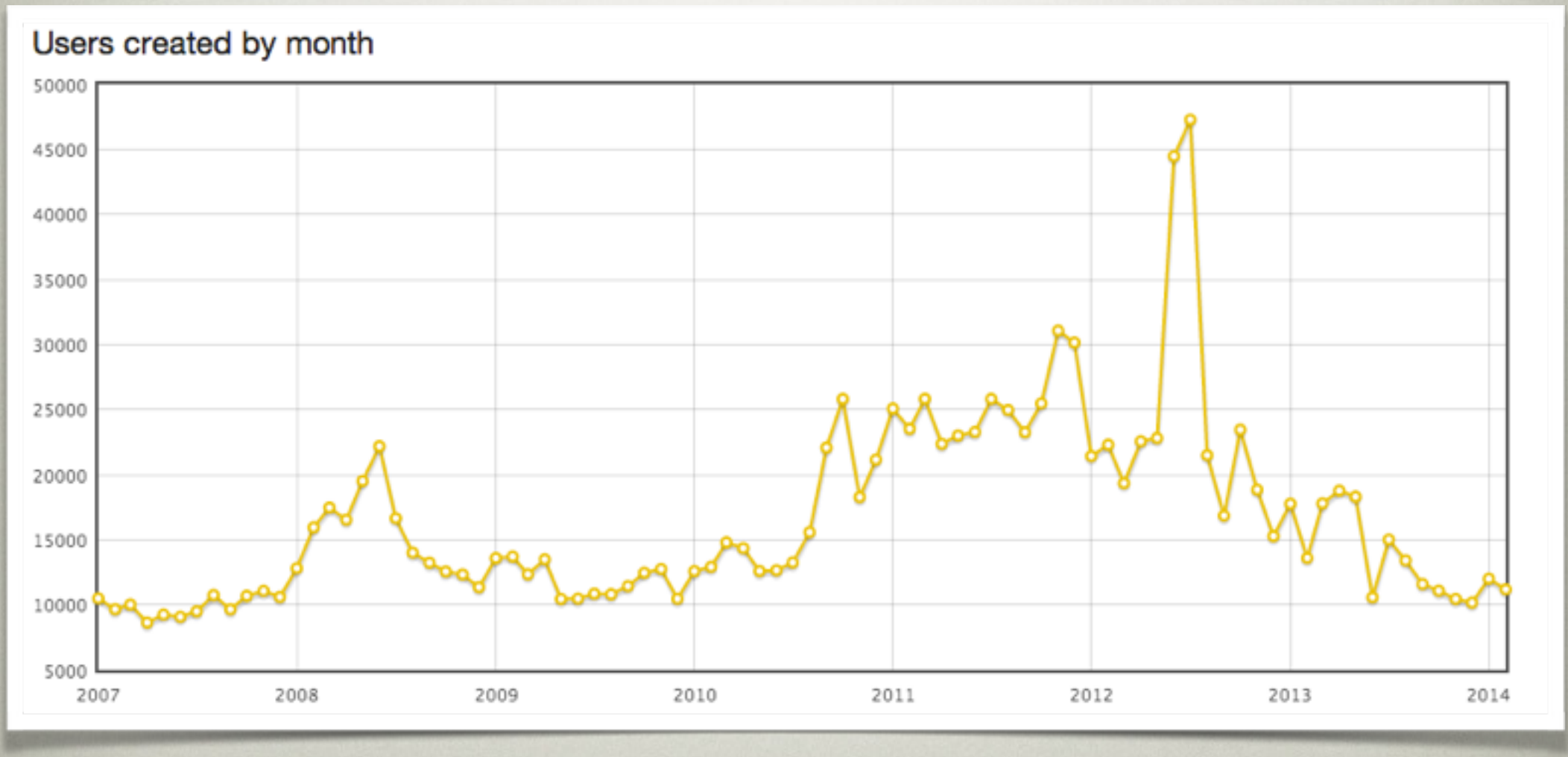
https://drupal.org/project/usage/drupal

All commits on d.o



https://drupal.org/metrics

New accounts on d.o



https://drupal.org/metrics

What do we do about it?

Community response

How have we adapted since 2011?

- Training: a world of available Drupal courses
- Community: more/bigger Drupal Camps & Cons
- Tools: switch to Git for version control
- Drupal companies contributing to core development
- Initiatives: establish priorities and responsibility
- Code: refactor & reuse (“Proudly found elsewhere”)
- **Product**: User/Developer experience ++

Backdrop CMS

Backdrop CMS Roadmap

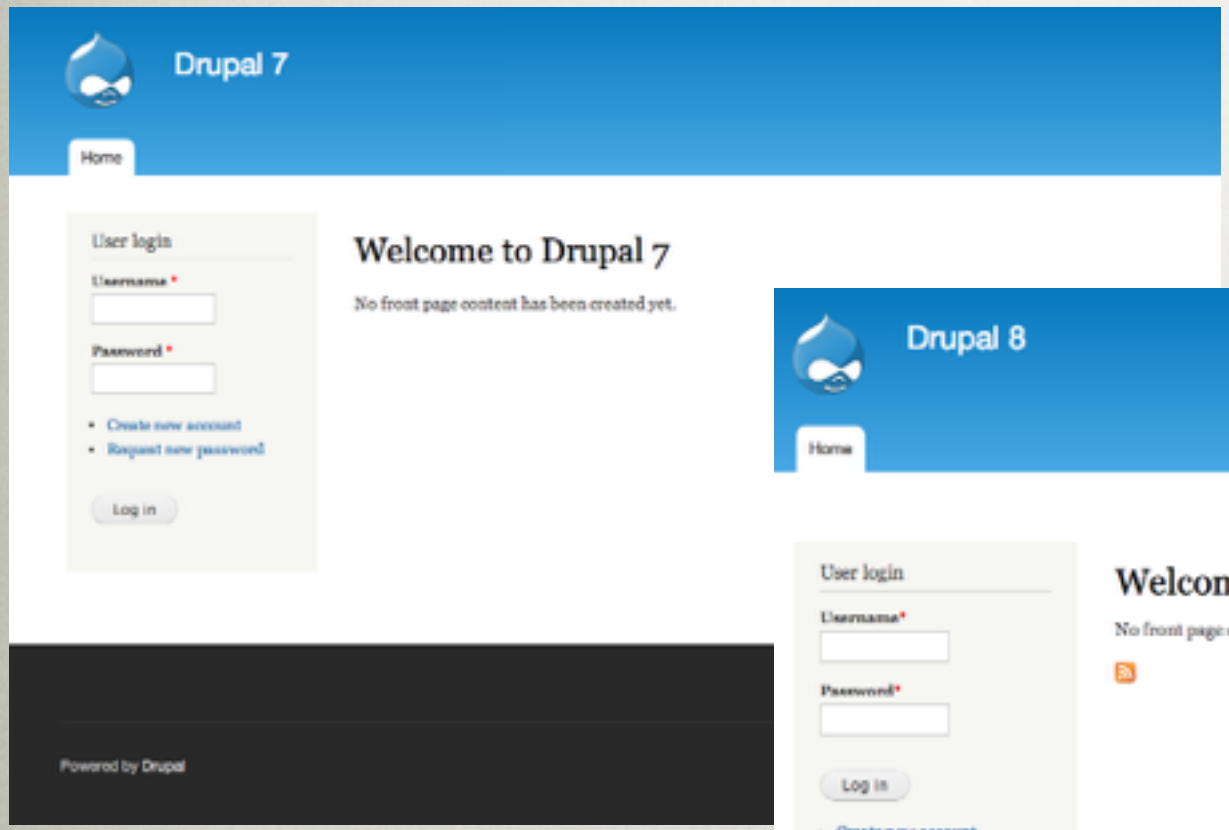
1. Built-in Configuration Management
2. Built-in Views Module
3. Revamped Block/ Layout System
4. Built-in Rich-Text Editing
5. Improved Editorial Experience
6. Improved Mobile Support
7. HTML5 Markup and Fields
8. Improved Performance
9. Reduced theme system complexity
10. Improved Multilingual Support

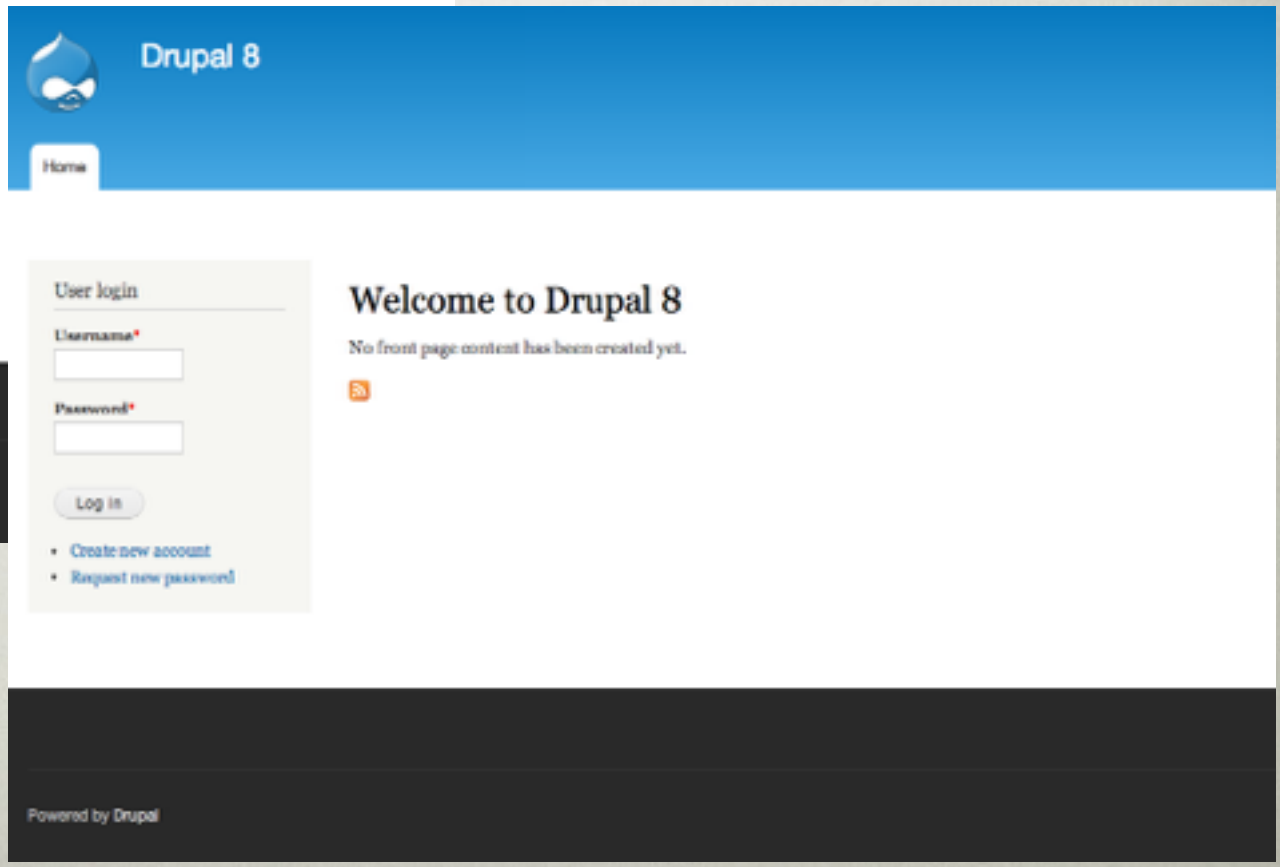
What's the Rub?

What's the Rub?

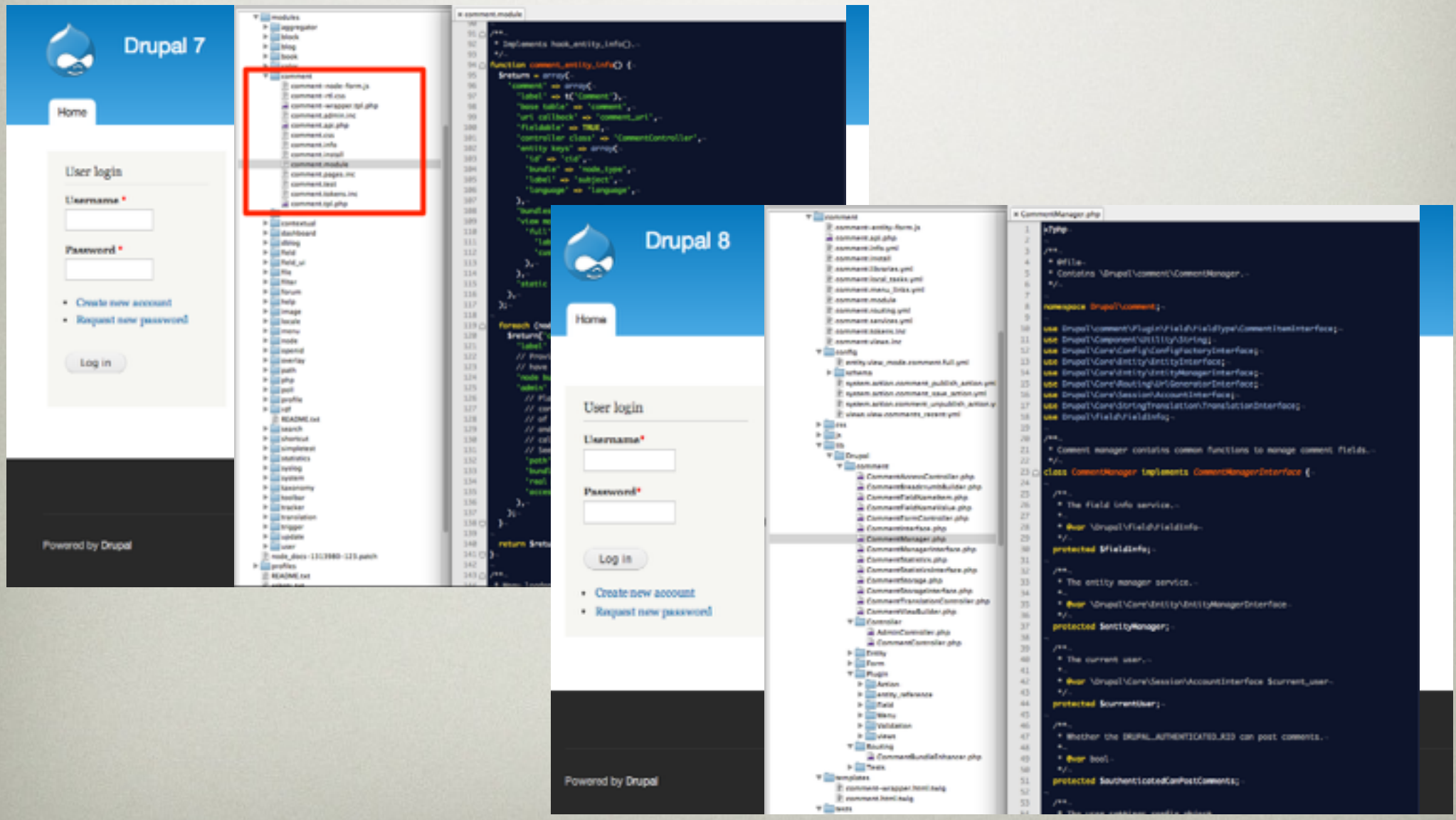
1. Difference from Drupal 7
2. Decision making process
3. Distress from existing community
4. Developer audience
5. Direction of project

Difference from D7





Difference from D7



Difference from D7

9,322

contributed modules

for Drupal 7 alone

(not including sandbox projects)

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

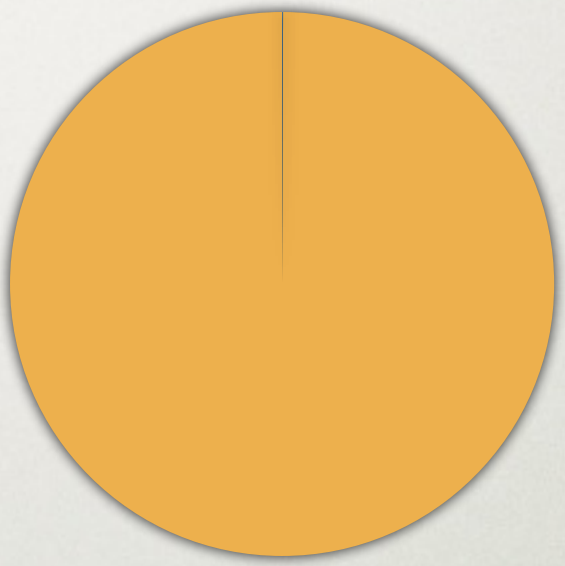
Example (pro)

TWIG

Example (con)

Alternate SQL

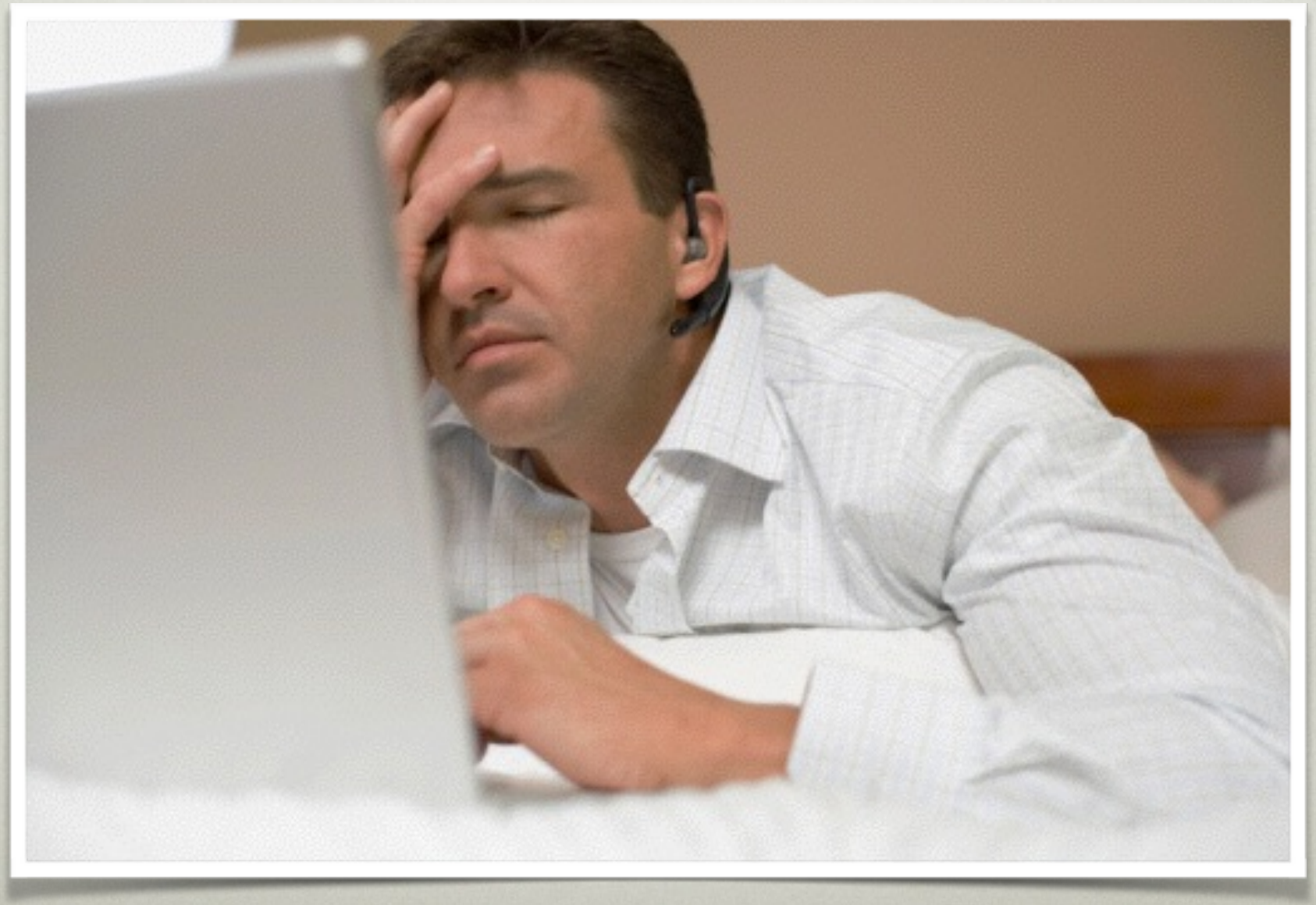
- Oracle 0.0001%
- MSSQL 0.9%
- MySQL/Postgres 99%



Alternate Field Storage

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

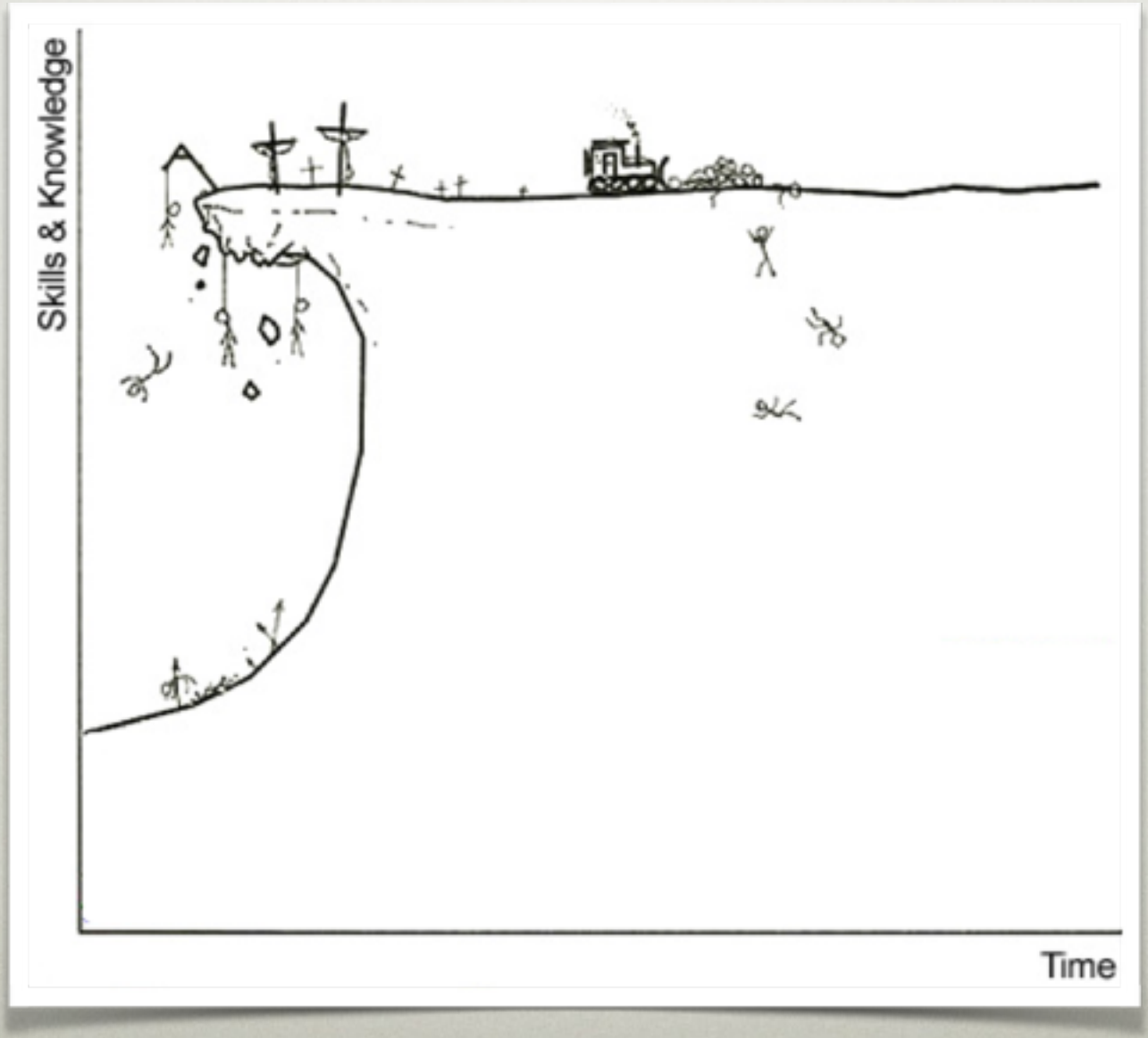
Distress



Distress: Cost

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

Distress: Difficulty



Developer Audience

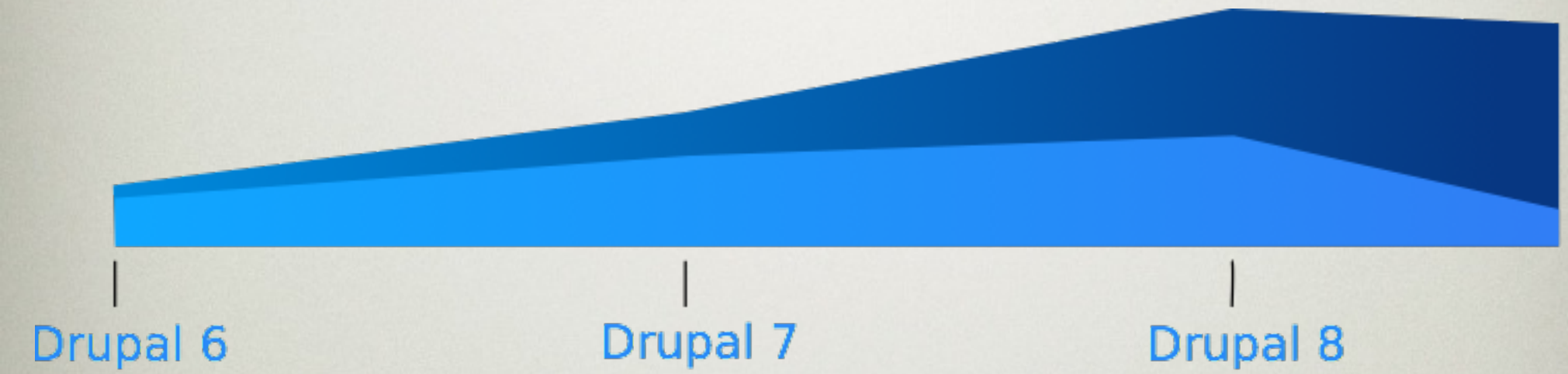
Developer Audience

> 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...

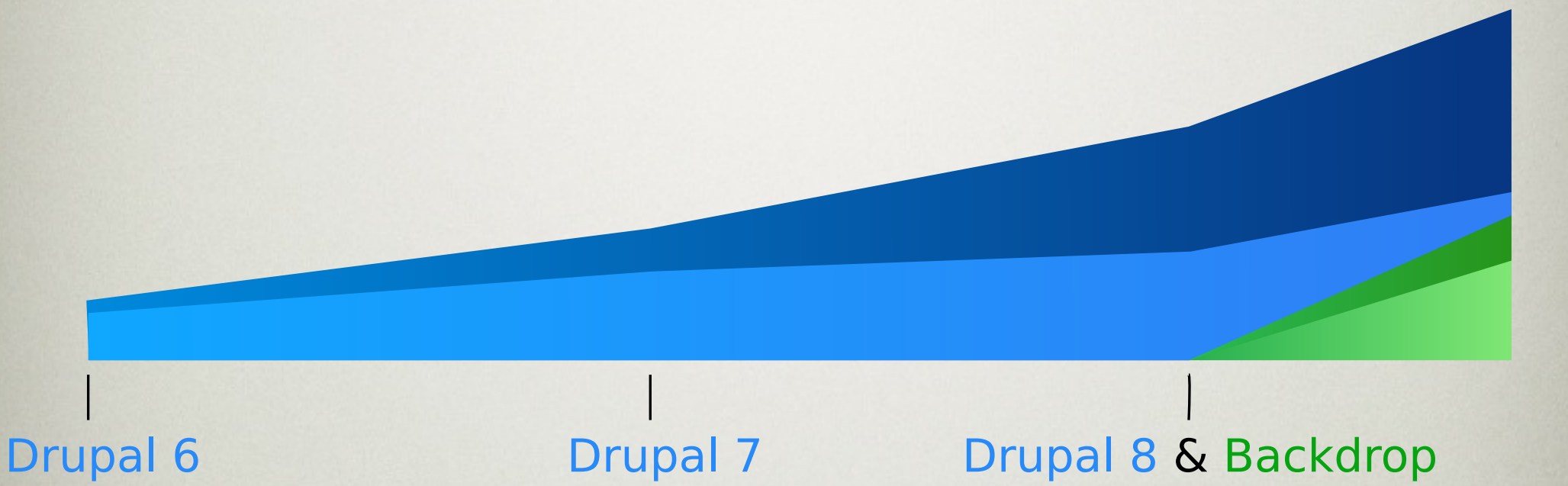
Computerworld - March 11, 2013 - http://bit.ly/drupal-dev-types

Drupal Usage



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

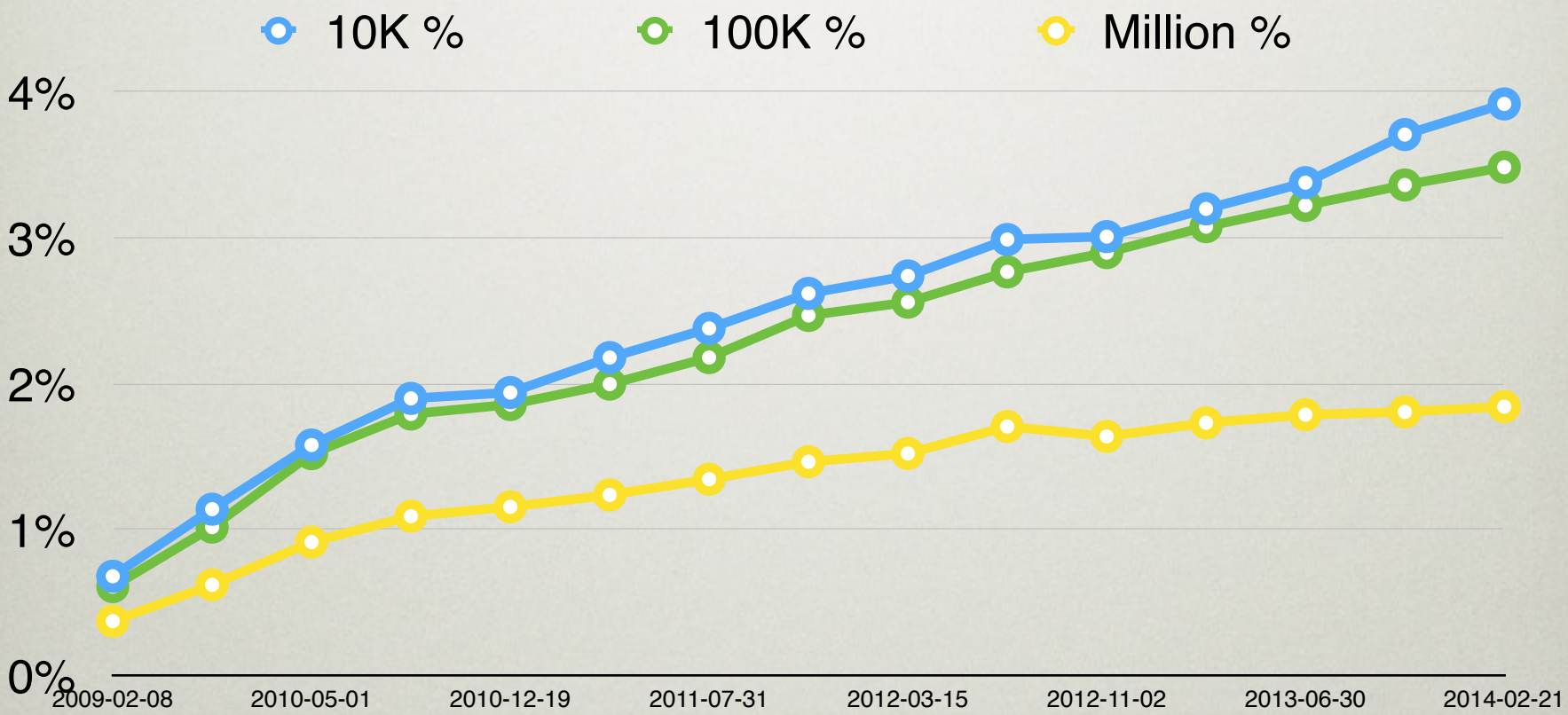
Drupal Usage



Backdrop CMS fills the down-market gap

Direction

Direction



Drupal marketshare by site traffic

Direction

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

A different 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?

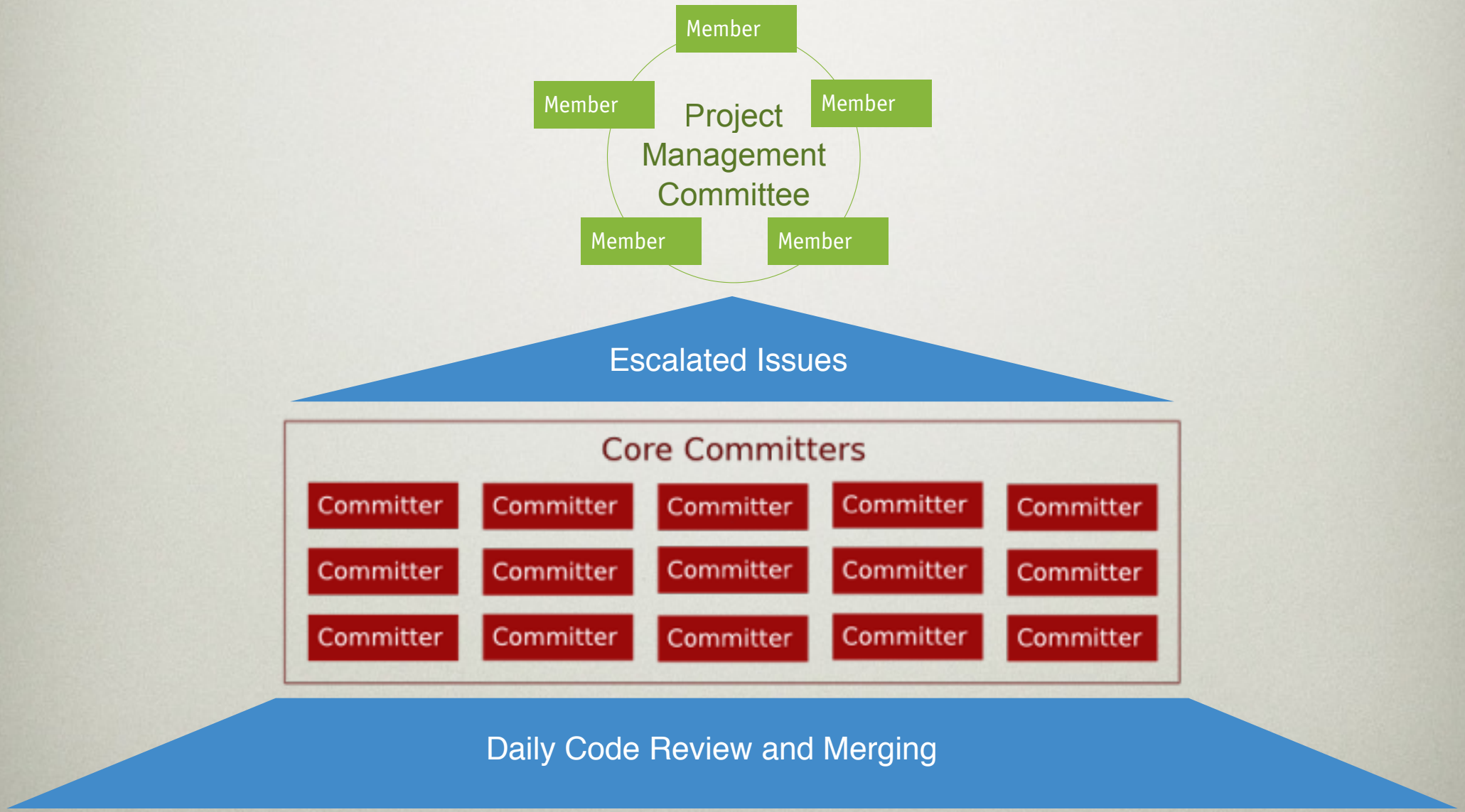
Evaluating "Merit"

PMC

Project Management Committee

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

Project Management Committee (PMC)



Evaluating "Merit"

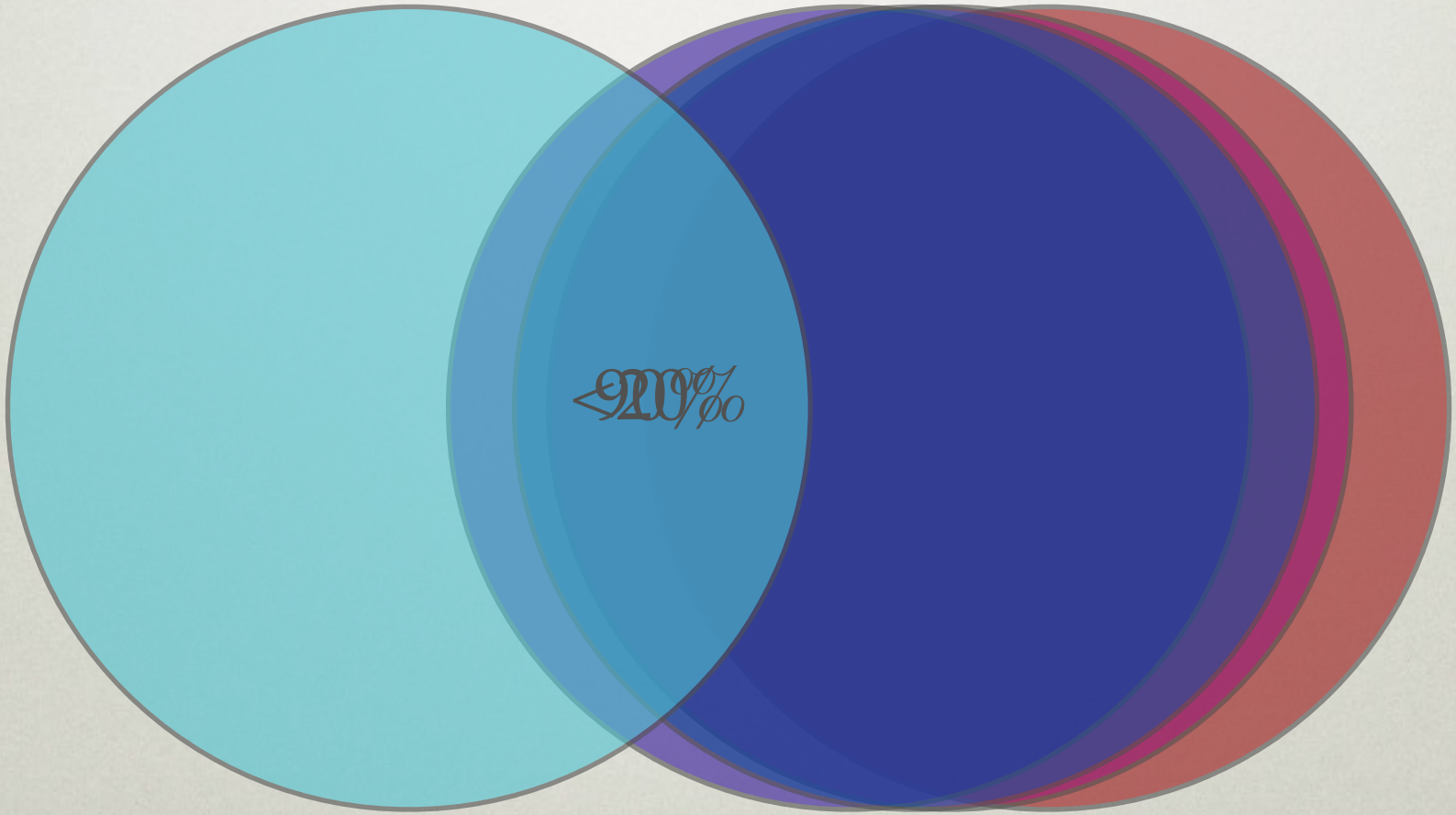
Who decides what has merit?

What criteria are evaluated to decide merit?

Backdrop CMS Philosophy

1. Keep change to a **minimum**
2. Architect for the **majority** (code style)
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

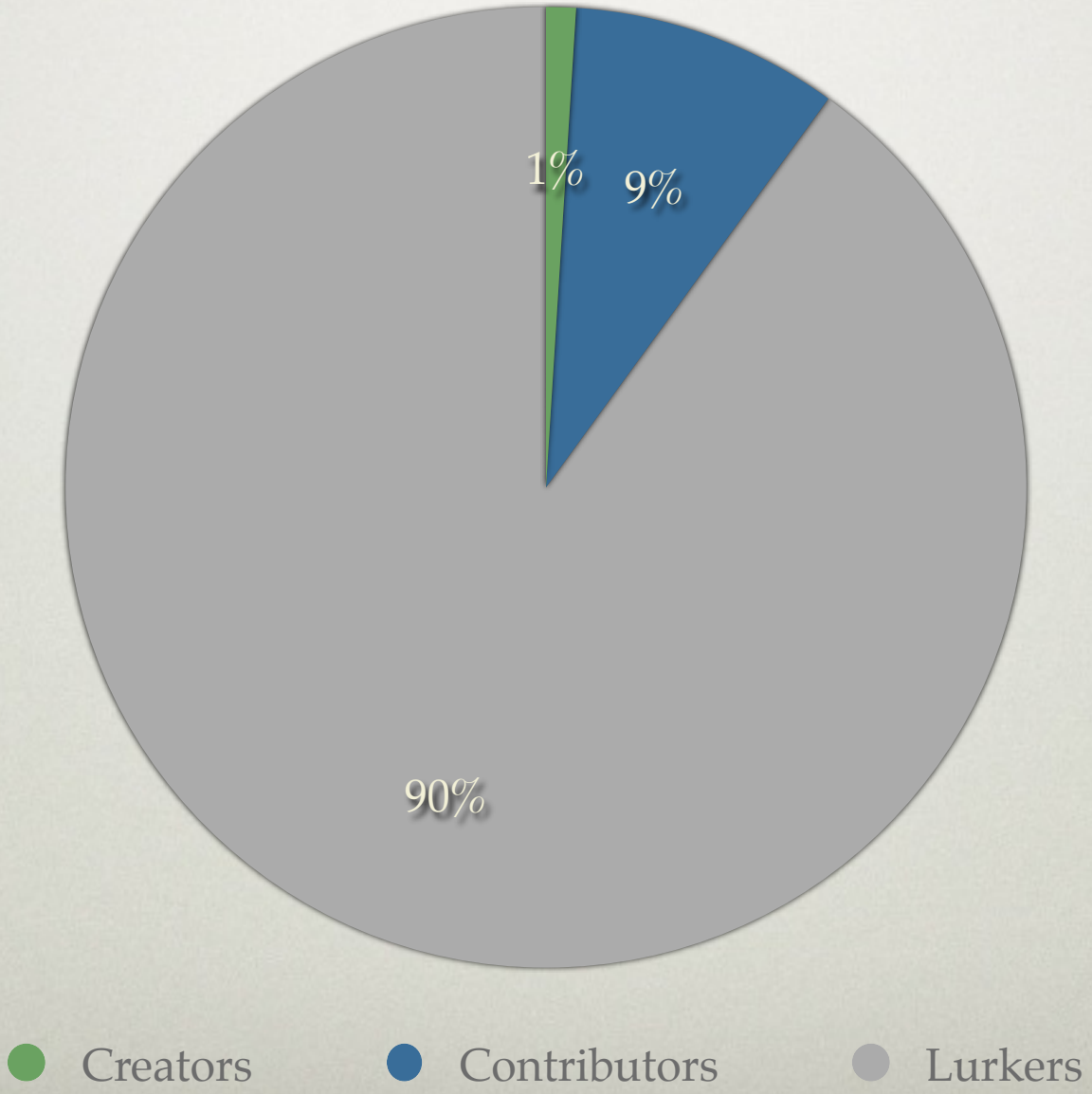
Better code isn't necessarily better for the community

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

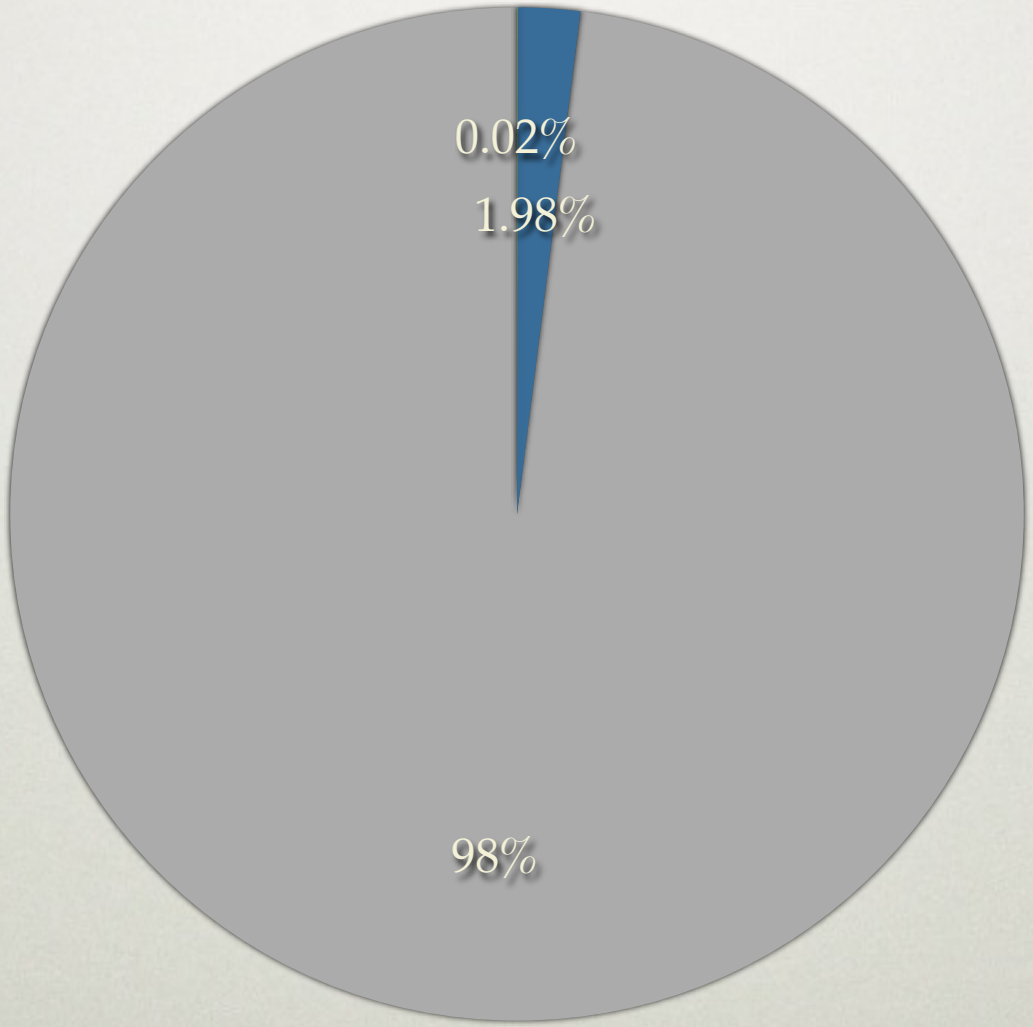
Design for the Majority

- Features in core should apply to 80% of all sites.
- **Remove** modules that don't meet this criteria.
- Only **Add** modules that do.

Web: 1% Rule



In Drupal it's 0.02%



Provide Extensibility

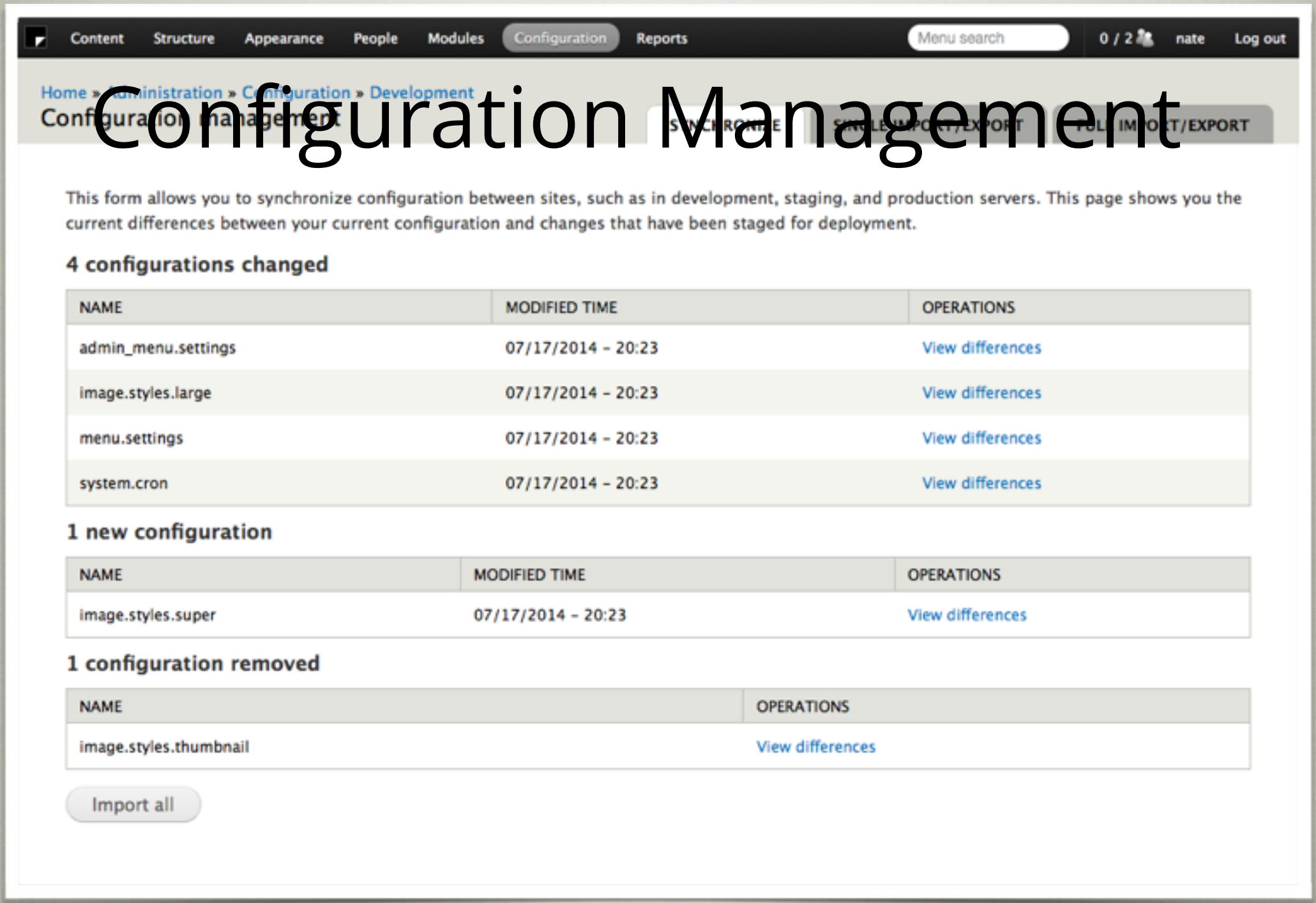
- Maintain stable APIs (even across major releases) *
- The minority can turn to contributed code for their solutions.
- Improve the software iteratively with regular minor releases.

* approximately 90% code compatible

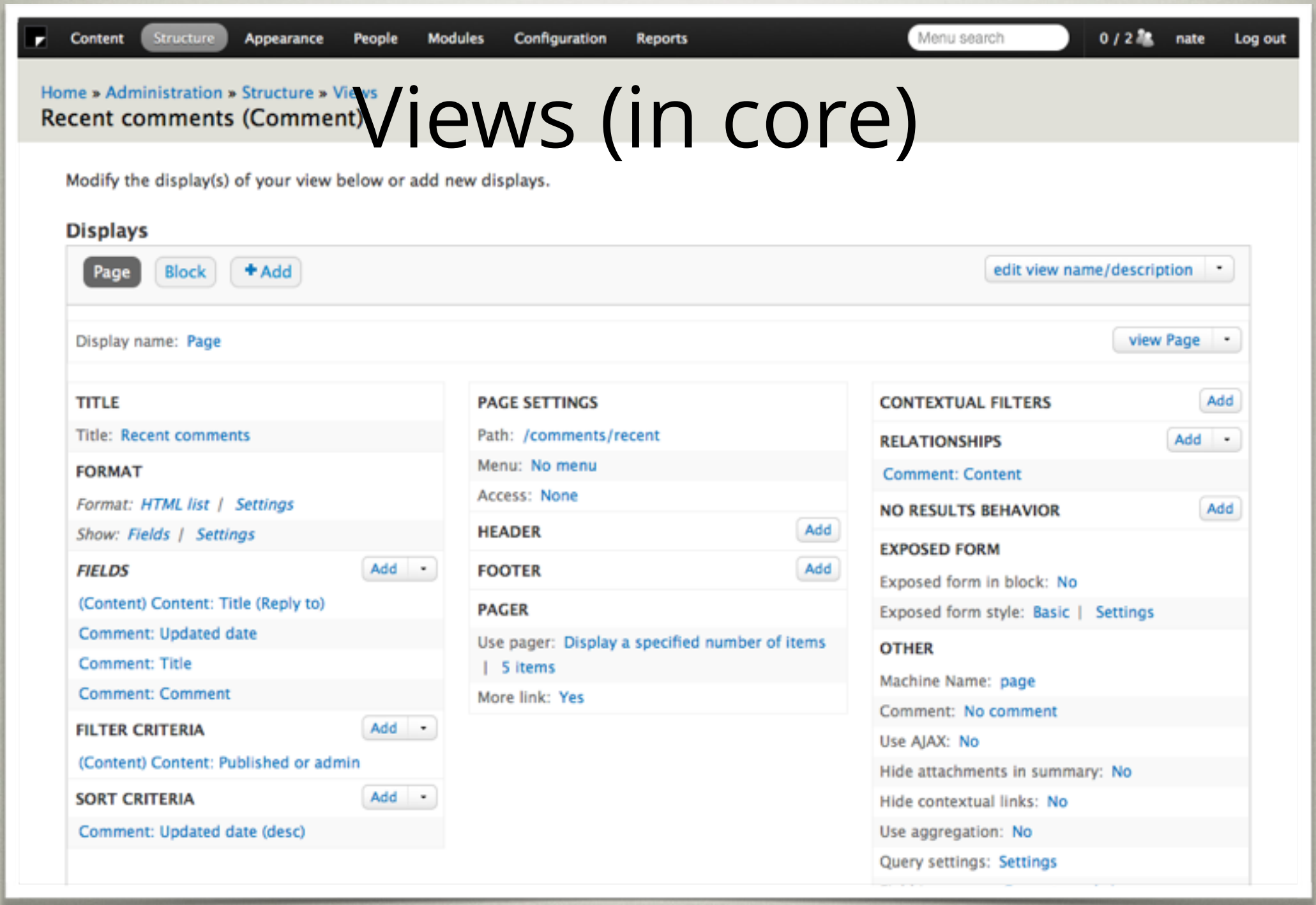
Where are we now?

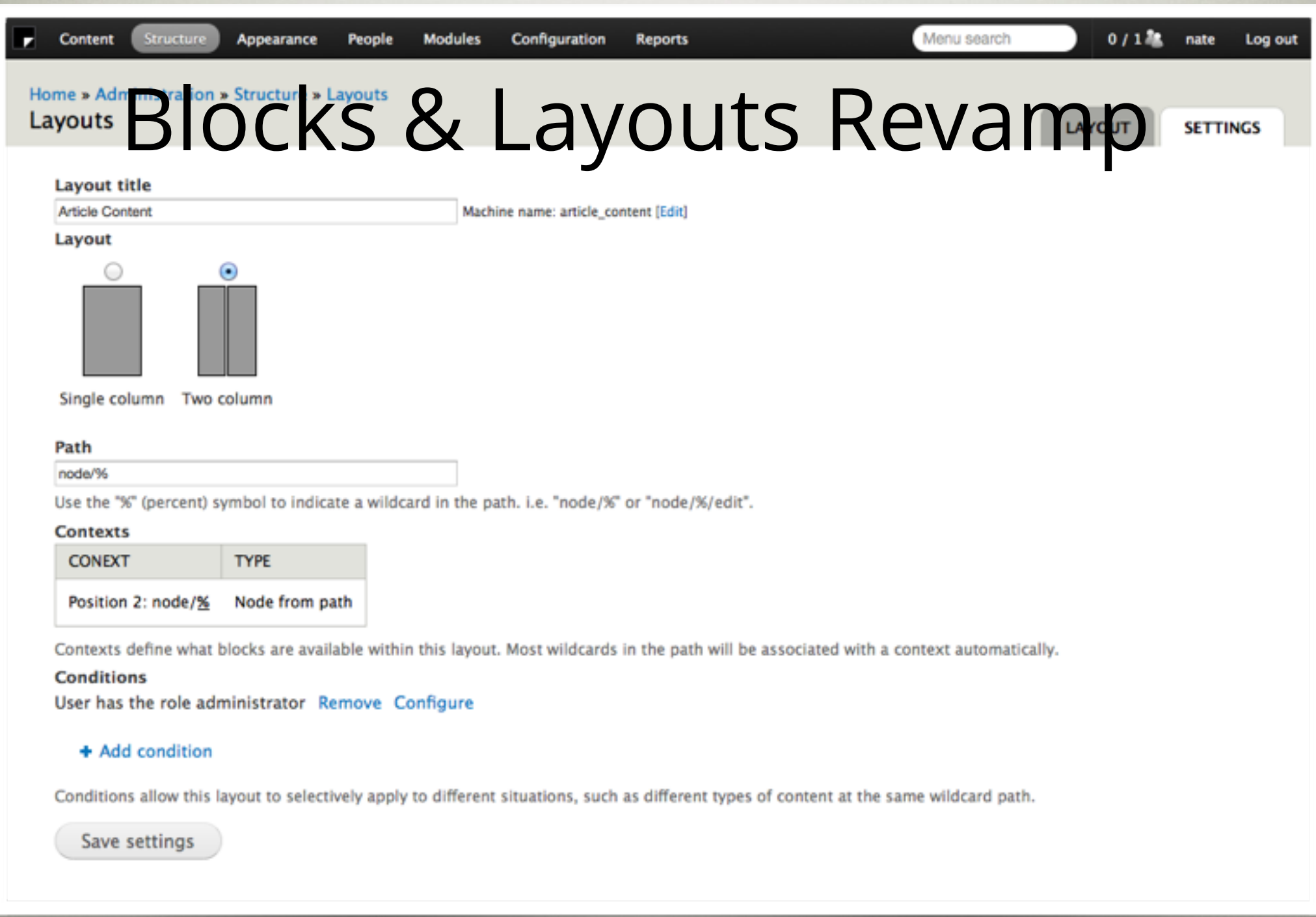
Removed from core

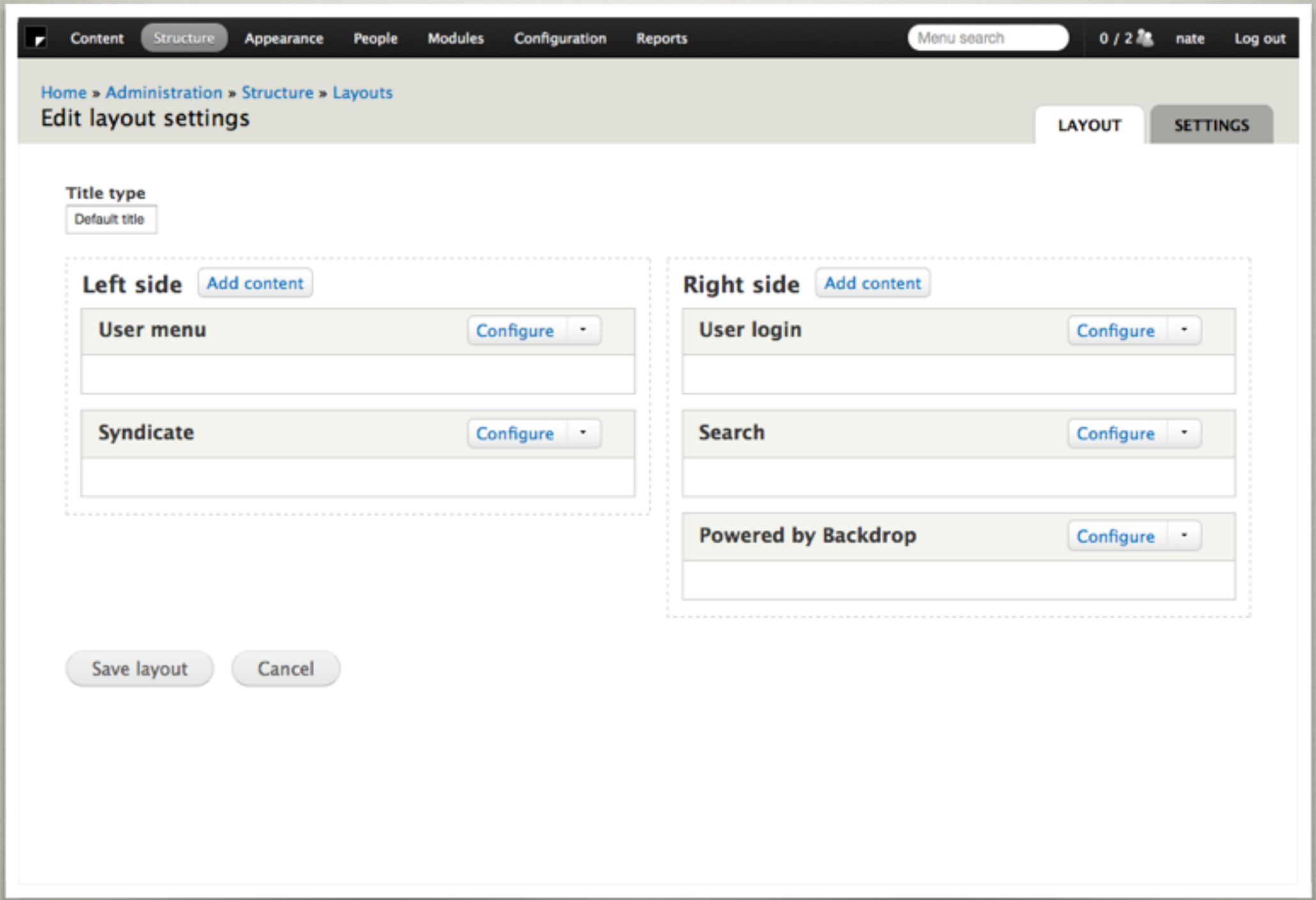
- aggregator
- dashboard
- forum
- help
- openID
- overlay
- PHP
- poll
- RDF
- shortcut
- statistics
- tracker
- trigger
- toolbar
- xml-rpc
- SQLite support
- Postgres support

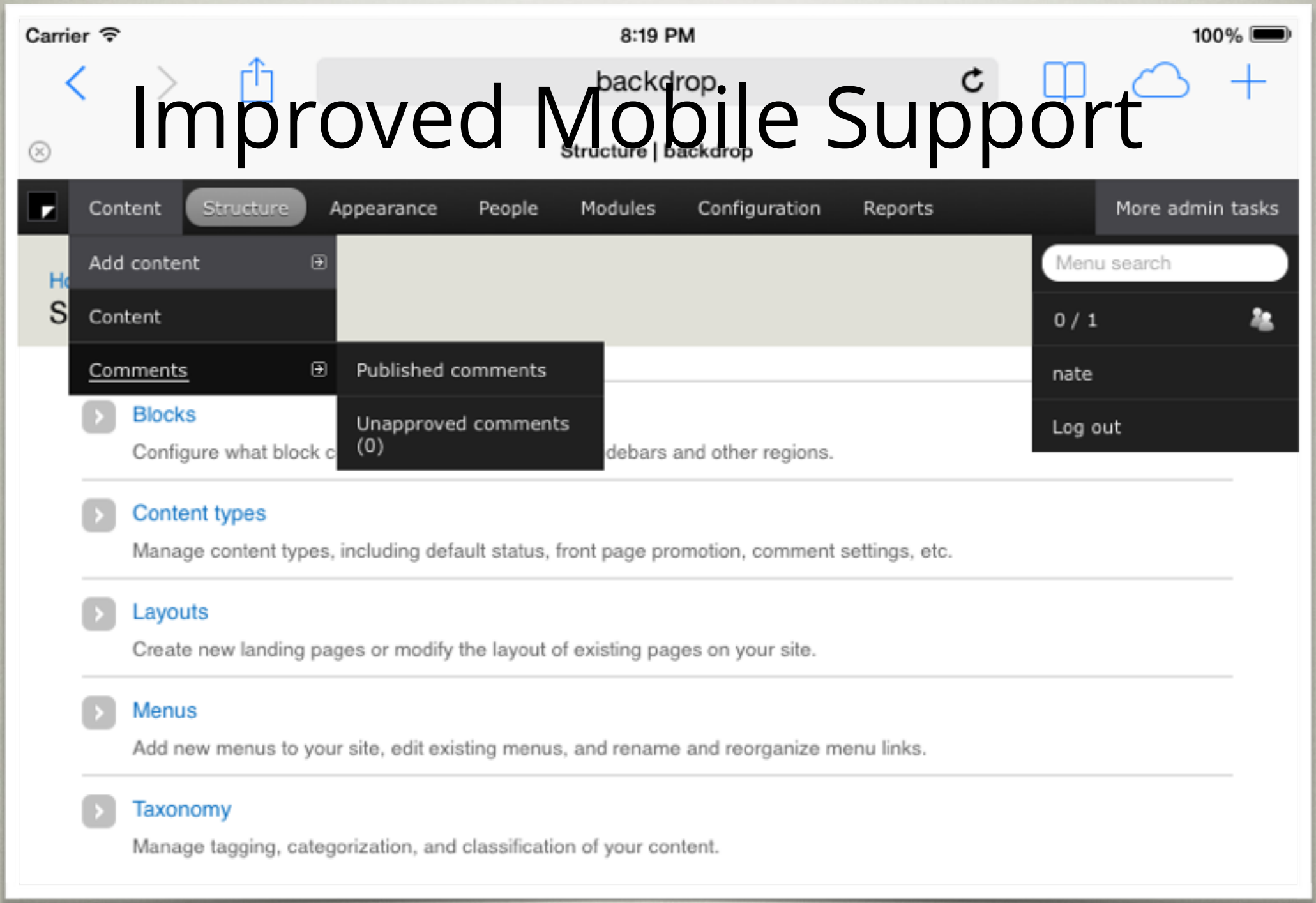


Configuration Management


Content
Structure
Appearance
People
Modules
Configuration
Reports
Menu search
0 / 2
nate
Log out
Home » Administration » Structure » Views
Recent comments (Comment)
Views (in core)
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
Blocks & Layouts Revamp
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



Improved Mobile Support

Backdrop CMS Roadmap

1. ✓ Built-in Configuration Management
2. ✓ Built-in Views Module
3. ✓ Revamped Block/ Layout System
4. Built-in Rich-Text Editing
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

When will it be released?

Backdrop CMS

Coming

~~Summer 2014~~

Fall 2014.

Get involved

Google Hangouts every Thursday 1pm PT

Sprints every Thursday #backdrop

IRC: #backdrop

http://backdropcms.org

github.com/backdrop/backdrop

@BackdropCMS @jenlampton @quicksketch

Questions?

IRC: #backdrop

http://backdropcms.org

github.com/backdrop/backdrop

@BackdropCMS @jenlampton @quicksketch

backdrop

A CMS for small-medium business & non-profits.

IRC: #backdrop

http://backdropcms.org

github.com/backdrop/backdrop

@BackdropCMS @jenlampton @quicksketch

Image credits

- Scales:
  http://thescifichristian.com/2013/09/tng-theology-remember-me
- Raised hands:
  http://frenchspin.com/en/site/everything/articles
- Distress:
  http://www.salvilaw.com/practice-areas/personal-injury-lawyers/emotional-distress
- USS Enterprise:
  http://thescifichristian.com/2013/09/tng-theology-remember-me