backdrop
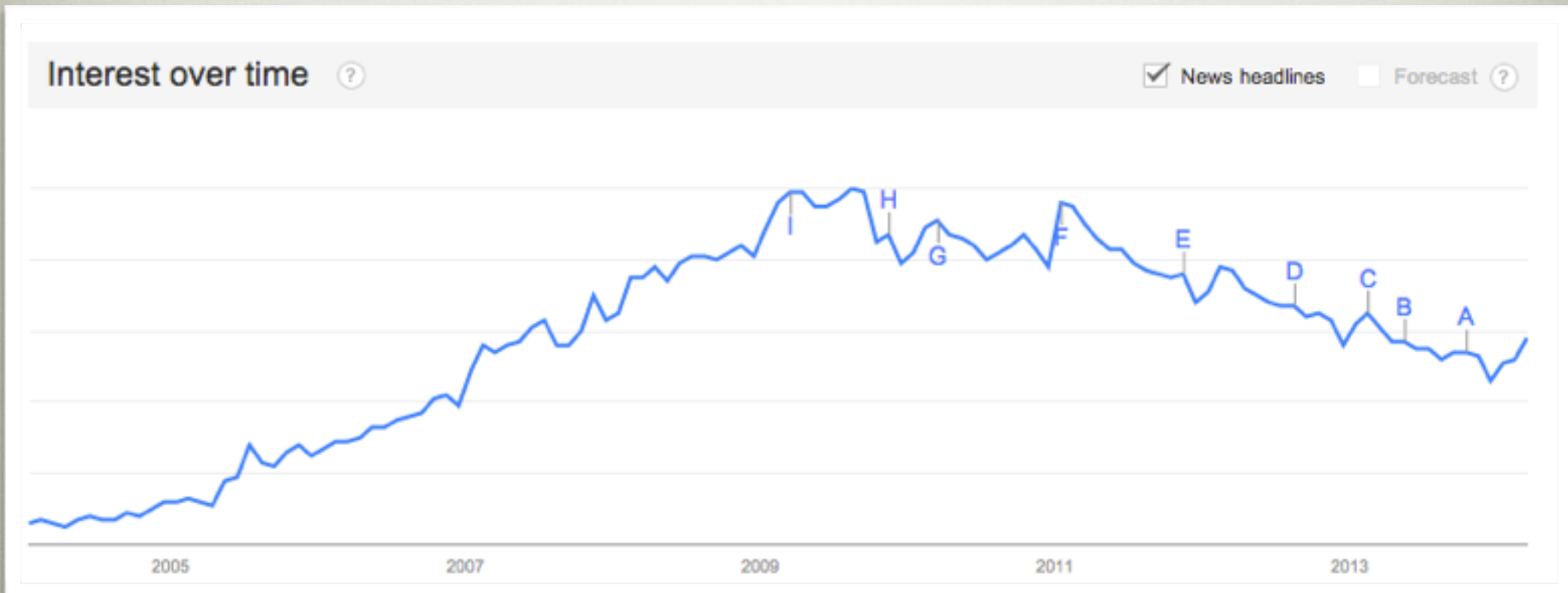
Because there's a cost that comes with change.
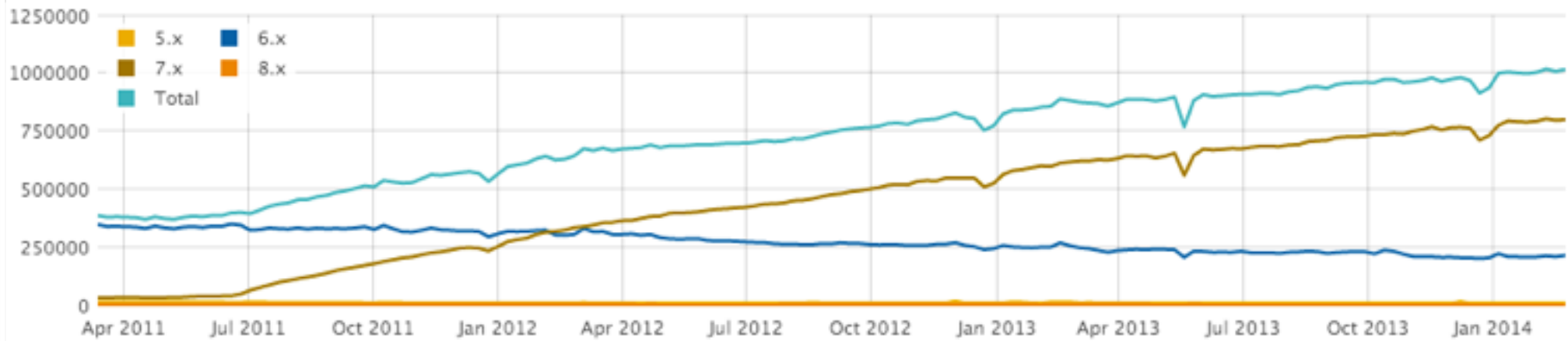
Jen Lampton ~ @jenlampton | Nate Haug ~ @quicksketch

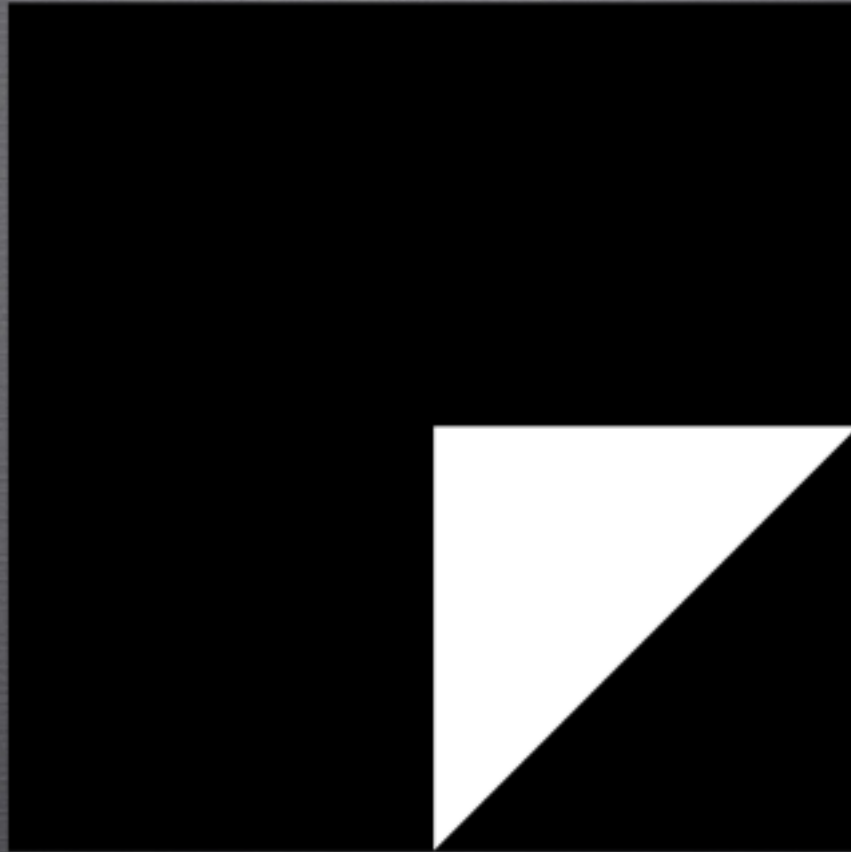# Trends

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

Usage

- 68% of Drupal 6 sites haven't upgraded (yet)

- Creation of new sites not increasing (much)

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

Backdrop CMS

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?

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 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

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

9,085

contributed modules

(for Drupal 7 alone)

(not including sandbox projects)

Do this 9,085 times.

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)
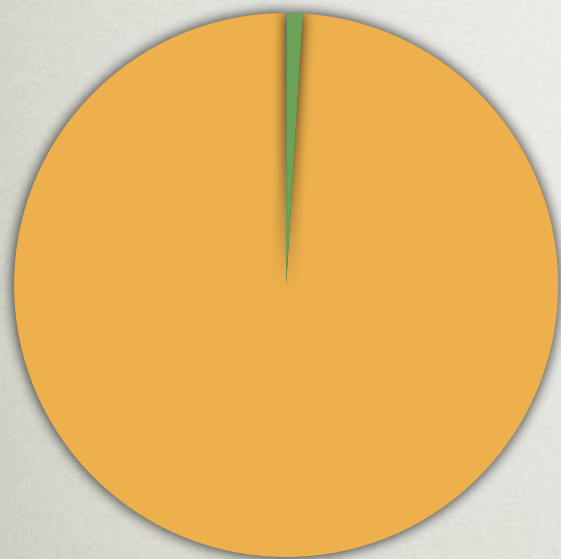
Alternate SQL

- Oracle 0.0001%
- MSSQL 0.9%
- MySQL / Postgres 99%
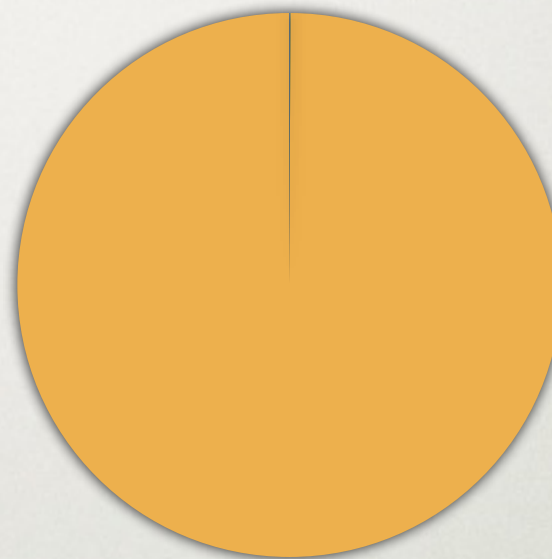
Alternate Field Storage

- 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: Learning Curve
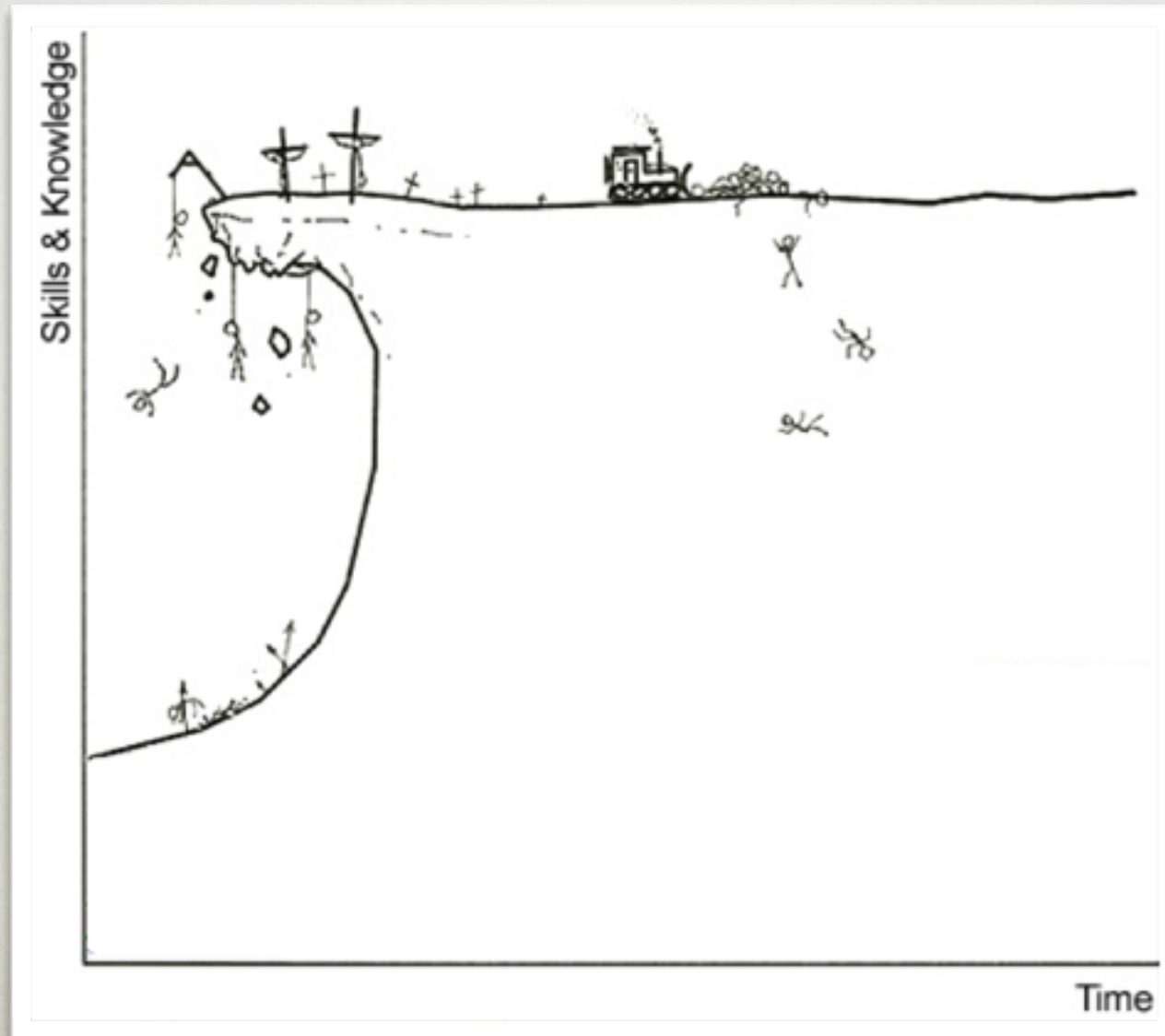
Developer Audience

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...

Drupal Usage

Drupal 6   Drupal 7   Drupal 8
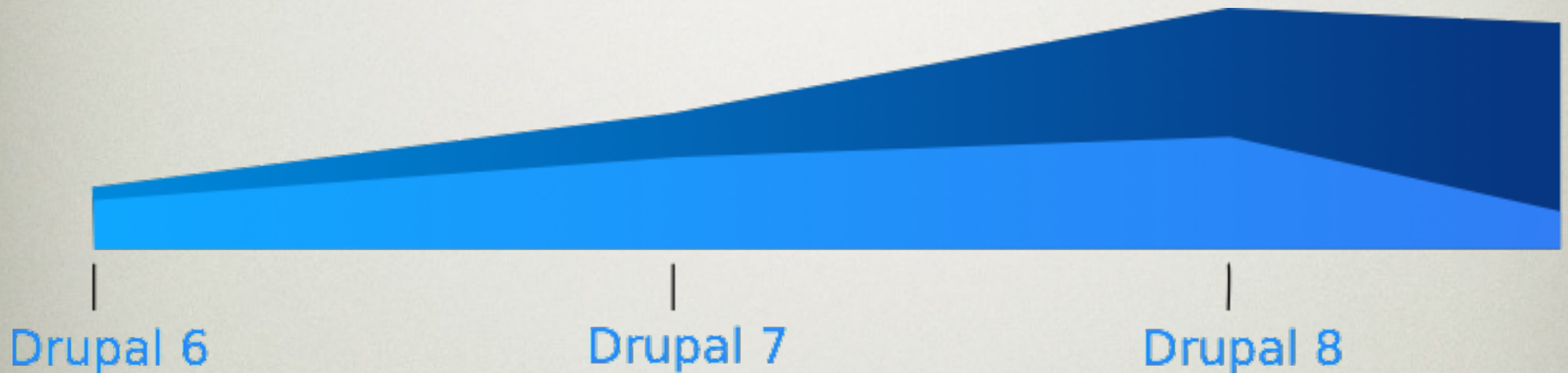
- Drupal 8 successfully grows the "professional" market
- But compromises the self-taught "amateur" market

Drupal Usage
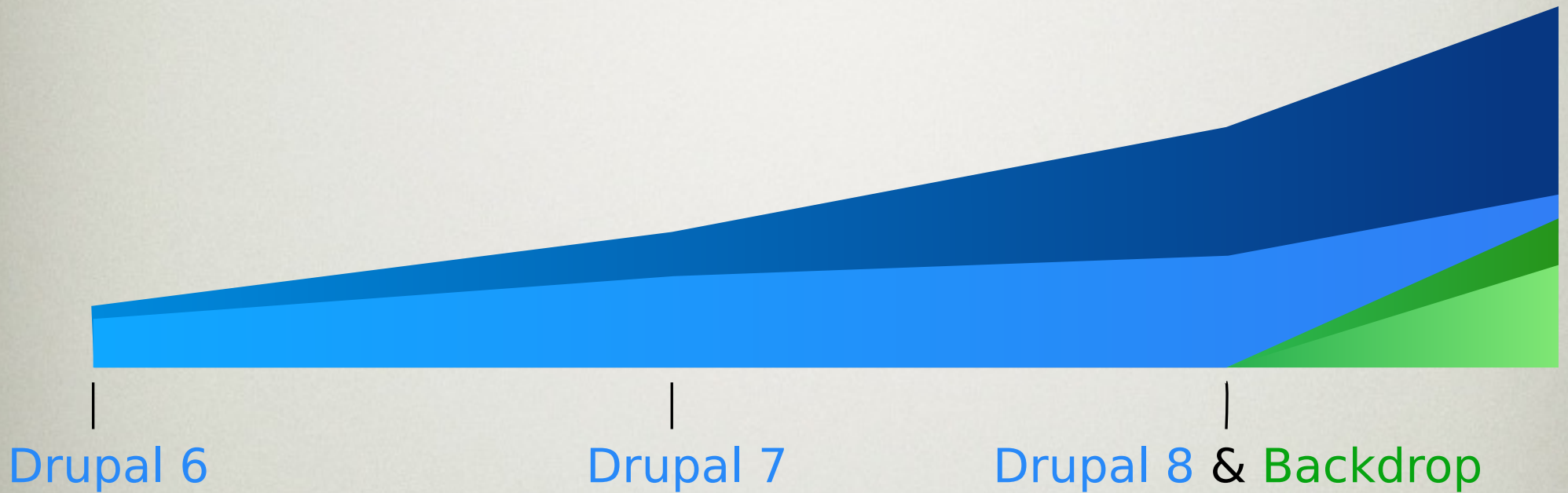
Backdrop CMS fills the down-market gap

Direction

Direction

- Larger codebase

- More dependencies (on external libraries)

- Symfony-framework based HTTP Kernel

- All* OOP code & design patterns

- Dependency Injection

- Going enterprise

Direction
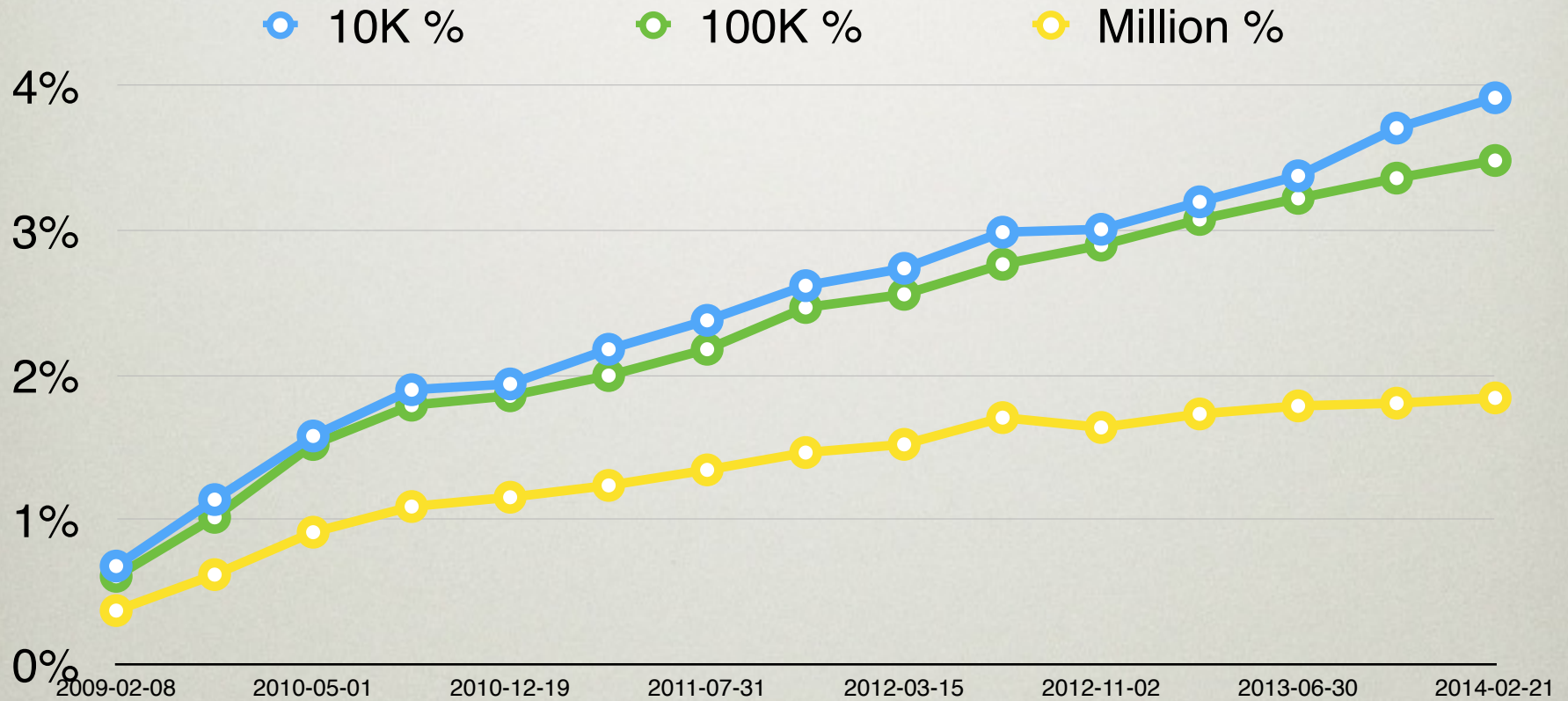
Drupal marketshare by site traffic

What do we do about it?

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)
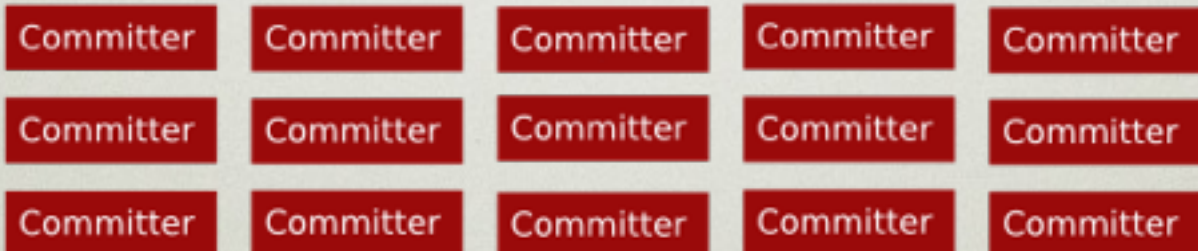
Evaluating "Merit"

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)

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
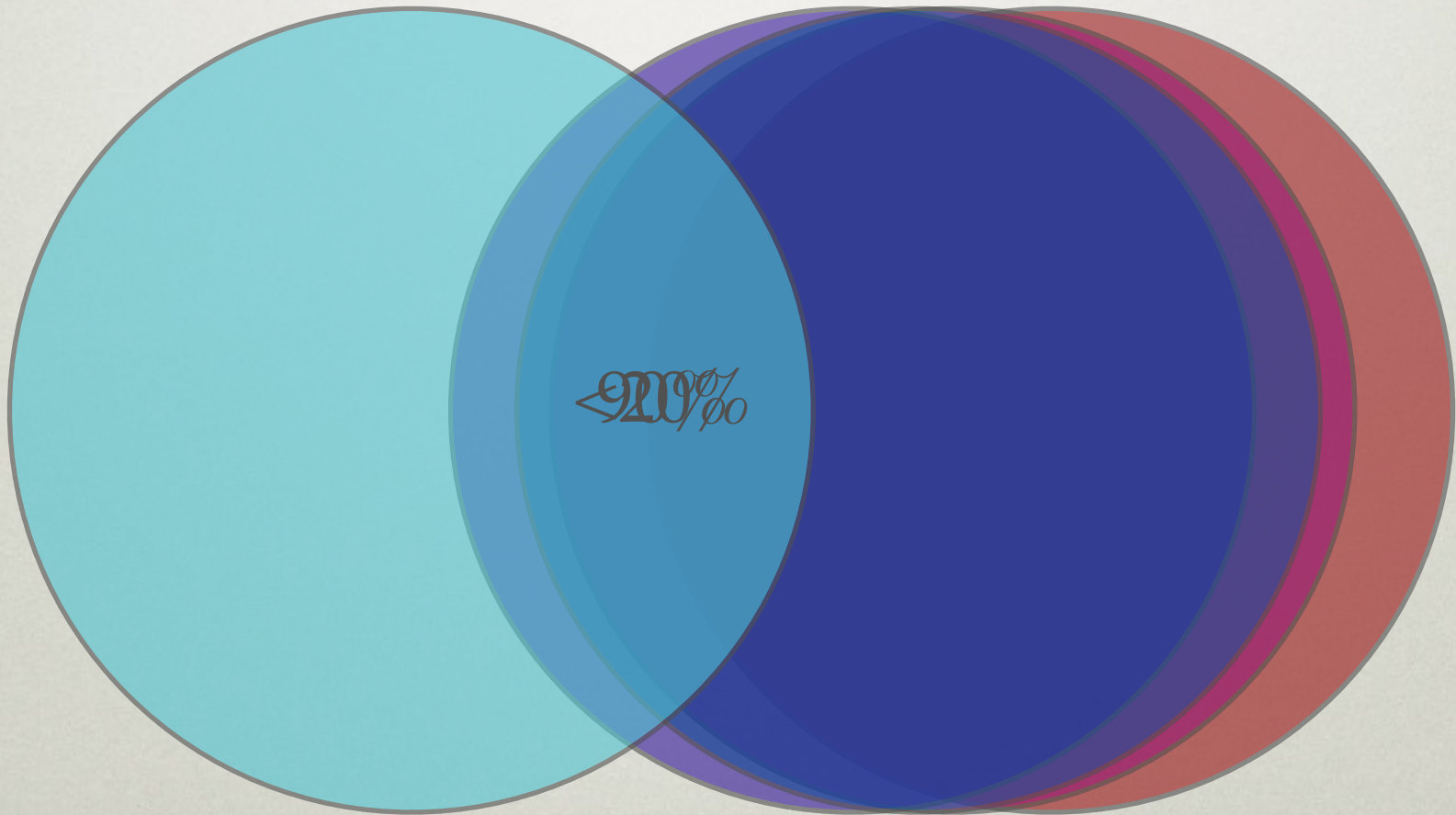
Architect for the Majority

- 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.

- Features for the 20% (or less) are left to contrib.

1% Rule
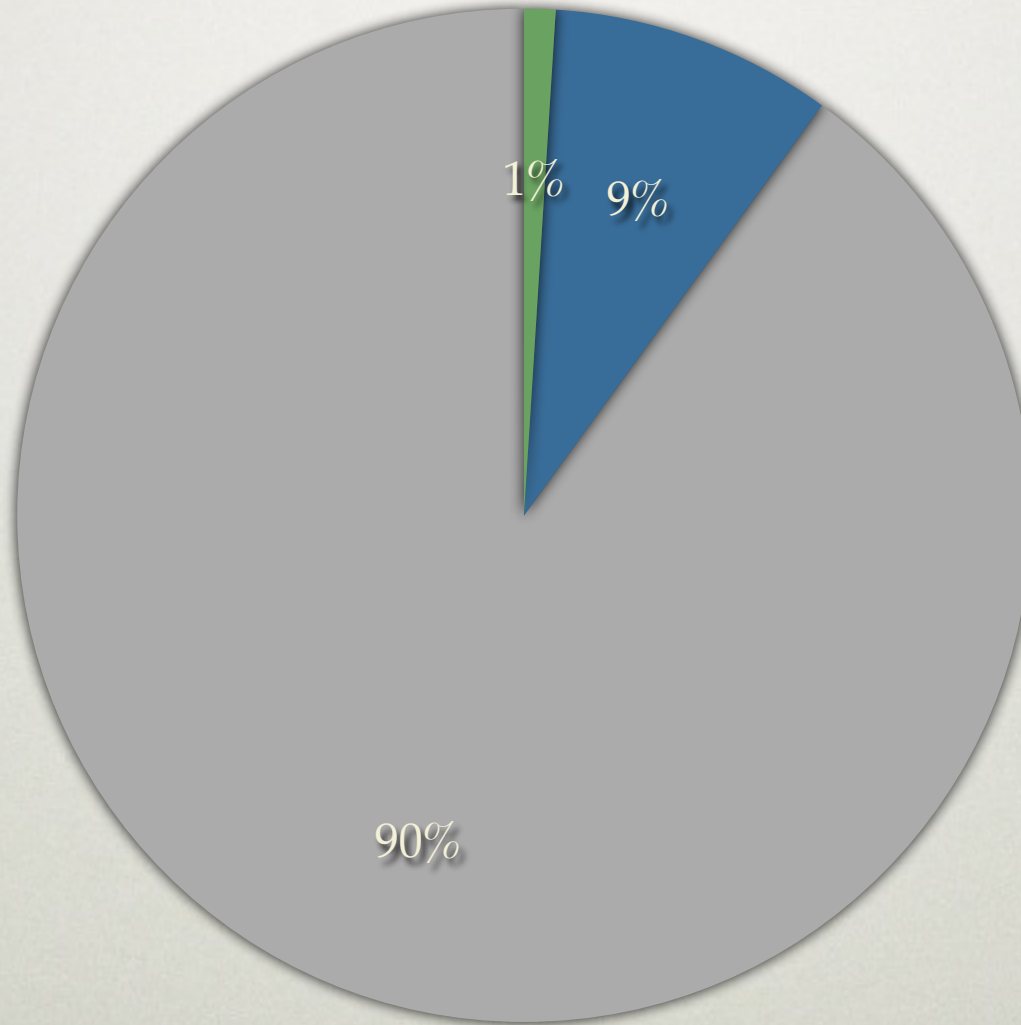
Provide Extensibility

- 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.

*90% code compatible, as mentioned earlier

When will it be released?

Backdrop CMS

Coming

~~Summer 2014~~

Fall 2014.

Where are we now?

Removed from core

- aggregator
- dashboard
- forum
- help
- openID

- overlay
- PHP
- poll
- RDF
- shortcut

- statistics
- tracker
- trigger
- toolbar
- xml-rpc

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

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

Home » Administration » Structure » Layouts

Layouts

LAYOUT   **SETTINGS**

Layout title

Article Content   Machine name: article_content [Edit]

Layout

○   ⦿
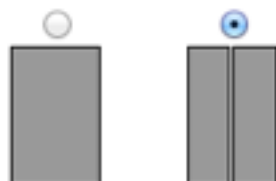
Single column   Two column

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

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

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.

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10. Improved Multilingual Support

We need more help

- Issues / code changes happening on github

- Google Hangouts every Thursday 1pm PT

- Sprints every Thursday #backdrop

IRC: #backdrop
http://backdropcms.org
github.com/backdrop/backdrop
github.com/backdrop/backdrop-issues

@BackdropCMS @jenlampton @quicksketch

Questions?

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backdrop

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github.com/backdrop/backdrop
github.com/backdrop/backdrop-issues

Jen Lampton ~ @jenlampton | Nate Haug ~ @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