21 August 2012

Bringing your ideas to fruition in Drupal core

Gábor Hojtsy

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- 9 years
- Drupal 6
- Acquia (5y)
- D8MI

I have an idea for Drupal core!

Cool new things are all happening here. Whole new subsystems/modules can be added/removed.

Drupal 8

Backports, API additions are possible.

Drupal 7

Drupal 6

In maintenance. Bug fixes and performance fixes only.

Consider the issue(s) your base. Summarize all feedback there. IRC discussions and email will get lost. Be clear, use proper priorities, pick a good title and tags.

I want to make sure to implement it **right**

If you need to communicate a more over-arching plan, start with a groups.drupal.org or a blog post.

I need to have it implemented **now**

Start an issue

Start a discussion

Custom patches

Track all your changes carefully. Branching from the core git repository or using drush make are good tools to know your exact changes. Cycle back your changes to core if possible or you will be all on your own.

Override hooks

Your primary tools of trade are hook_form_alter(), hook_menu_alter(), and hook_module_implements_alter(). Make sure to keep up with core changes in your overrides, especially if internal APIs change in new releases.

Manage it through a review process

Nobody cares about it

There are 9500+ open issues, so don't be surprised. See if your work maps to any initiatives. Join their meetings, discuss your topic there. Join and post in related groups on groups.drupal.org. Look into the Git history of affected files, see who worked on them before. Discuss on IRC. Bring your topic to core office hours. Work on other (related) issues. Tweet.

Everybody cares about it

Consider all feedback, but don't necessarily try to cater to everybody at once. Have an overall plan with followups. Keep your issue summary up to date and ensure your aim is clear. Be constructive and be present. If needed, use extra organization tools (sandbox, meta issues) to break up work and communicate your plan.

Yay, my patch is RTBC

Does not guarantee it is in. Make sure it still applies and passes tests. RTBC patches are usually processed oldest first, so it takes some time for a patch to get committed. It might bounce back to any earlier state.

Contributed module

If your overrides make sense for the larger community, group those that would work together and release in a module. Cycle back to core patches if possible.

PARTY!

Find people at:
http://groups.drupal.org/drupal-initiatives
http://drupal.org/community-initiatives/drupal-core
http://drupal.org/core-office-hours
http://drupal.org/irc

Issue submission guidelines:
http://drupal.org/node/73179

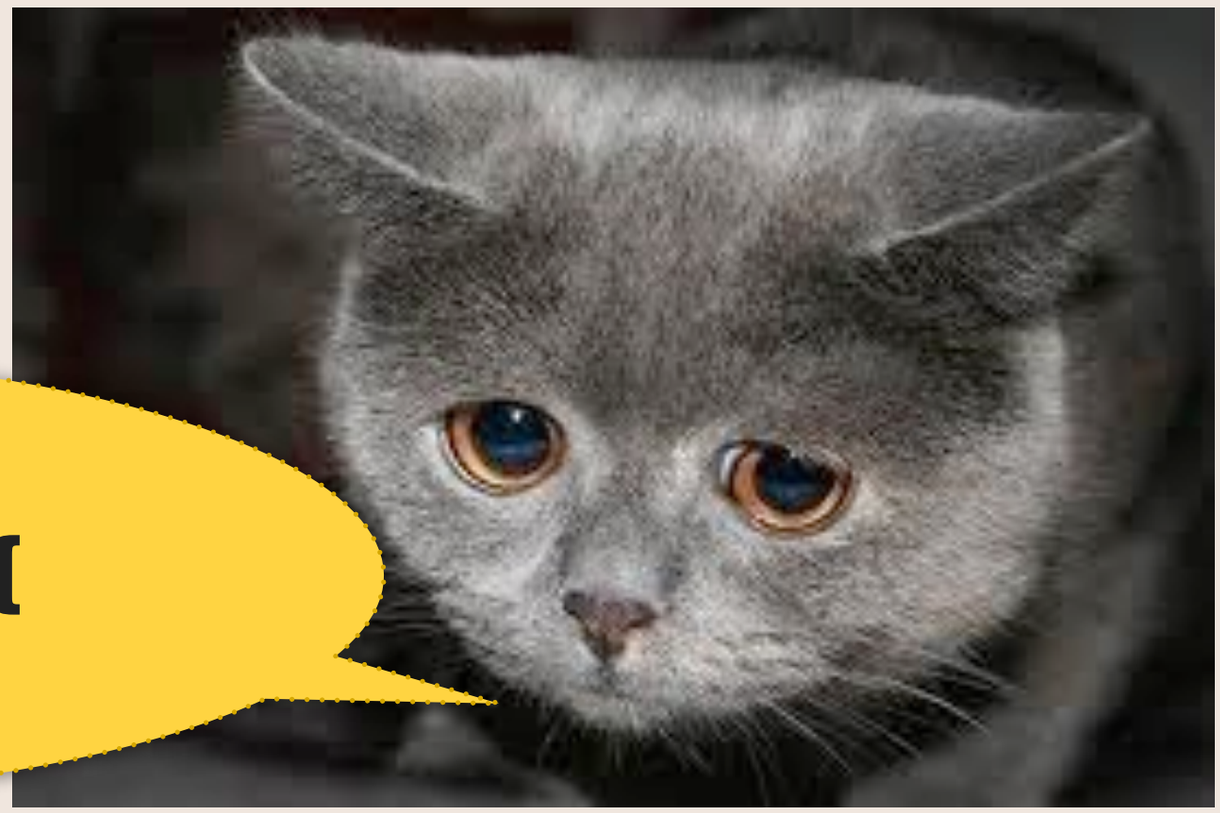
Most common issue tags:
http://drupal.org/node/1207020

Drupal core announcements:
http://groups.drupal.org/core

Drupal Code of Conduct:
http://drupal.org/dcoc

Created by Gábor Hojtsy of Acquia with feedback from the community for Drupalcon Denver 2012

I has an idea! :D



I has a problem. :(

I have an idea for Drupal core!

I have an idea for Drupal core!

Drupal 8

2013(?)

Drupal 7

2011

Drupal 6

2008

I have an idea for Drupal core!

Drupal 8

Drupal 7

2011

Drupal 6

2008

I have an idea for Drupal core!

Drupal 8

Drupal 7

Drupal 6

2008

I have an idea for Drupal core!

Drupal 8

Drupal 7

Drupal 6

I have an idea for Drupal core!

I have an idea for Drupal core!

Drupal 8

Drupal 7

Drupal 6

- Taxonomy performance
- Security fixes
- BlogAPI

I have an idea for Drupal core!

Drupal 8

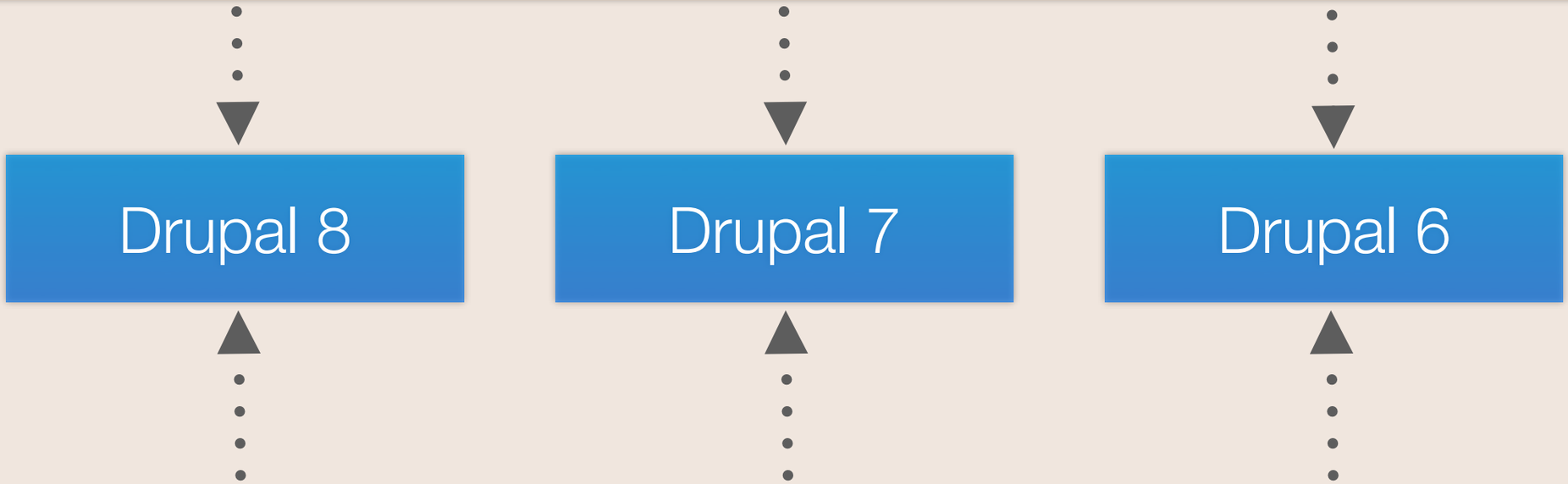
Drupal 7

- Field UI improvements
- Security fixes

Drupal 6

- Taxonomy performance
- Security fixes
- BlogAPI

I have an idea for Drupal core!



- Brand New config API
- Symfony 2 based

- Field UI improvements
- Security fixes

- Taxonomy performance
- Security fixes
- BlogAPI

I have an idea for Drupal core!

I have an idea for Drupal core!

Drupal 8

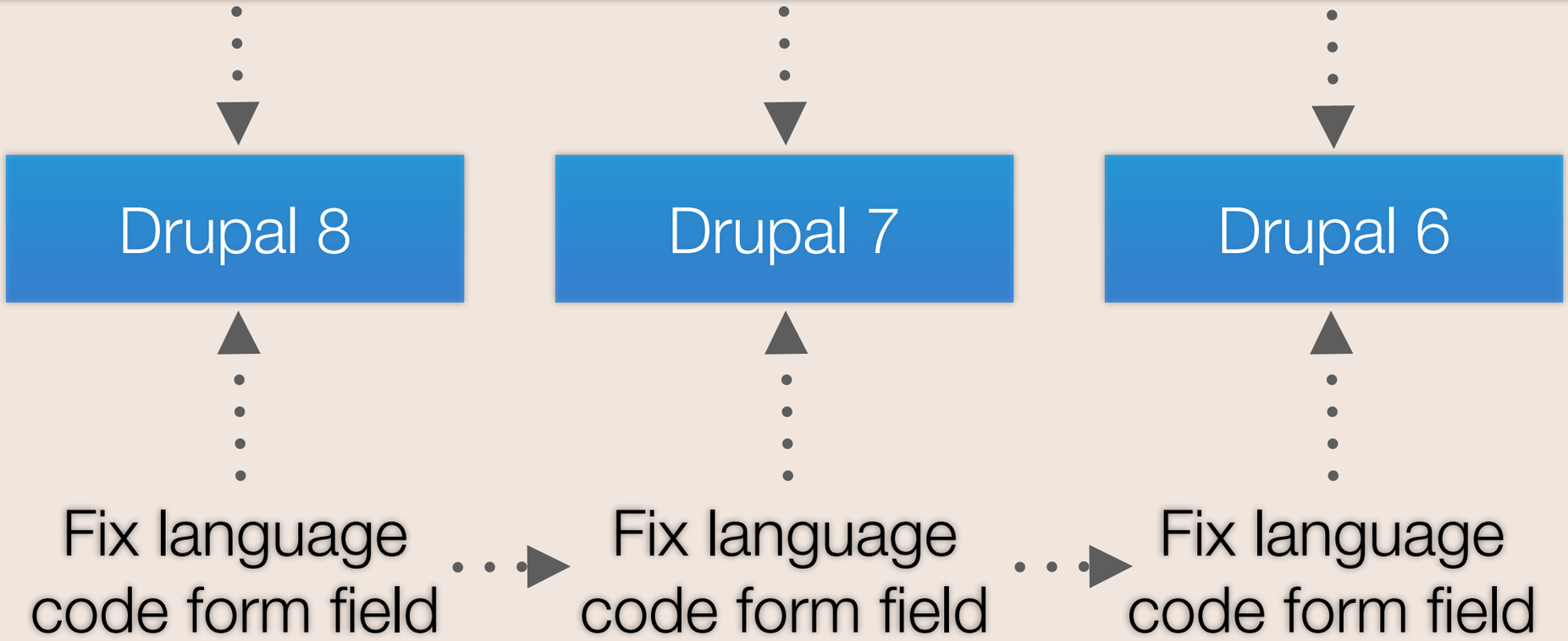
Drupal 7

Drupal 6

Fix language
code form field

I have an idea for Drupal core!

I have an idea for Drupal core!



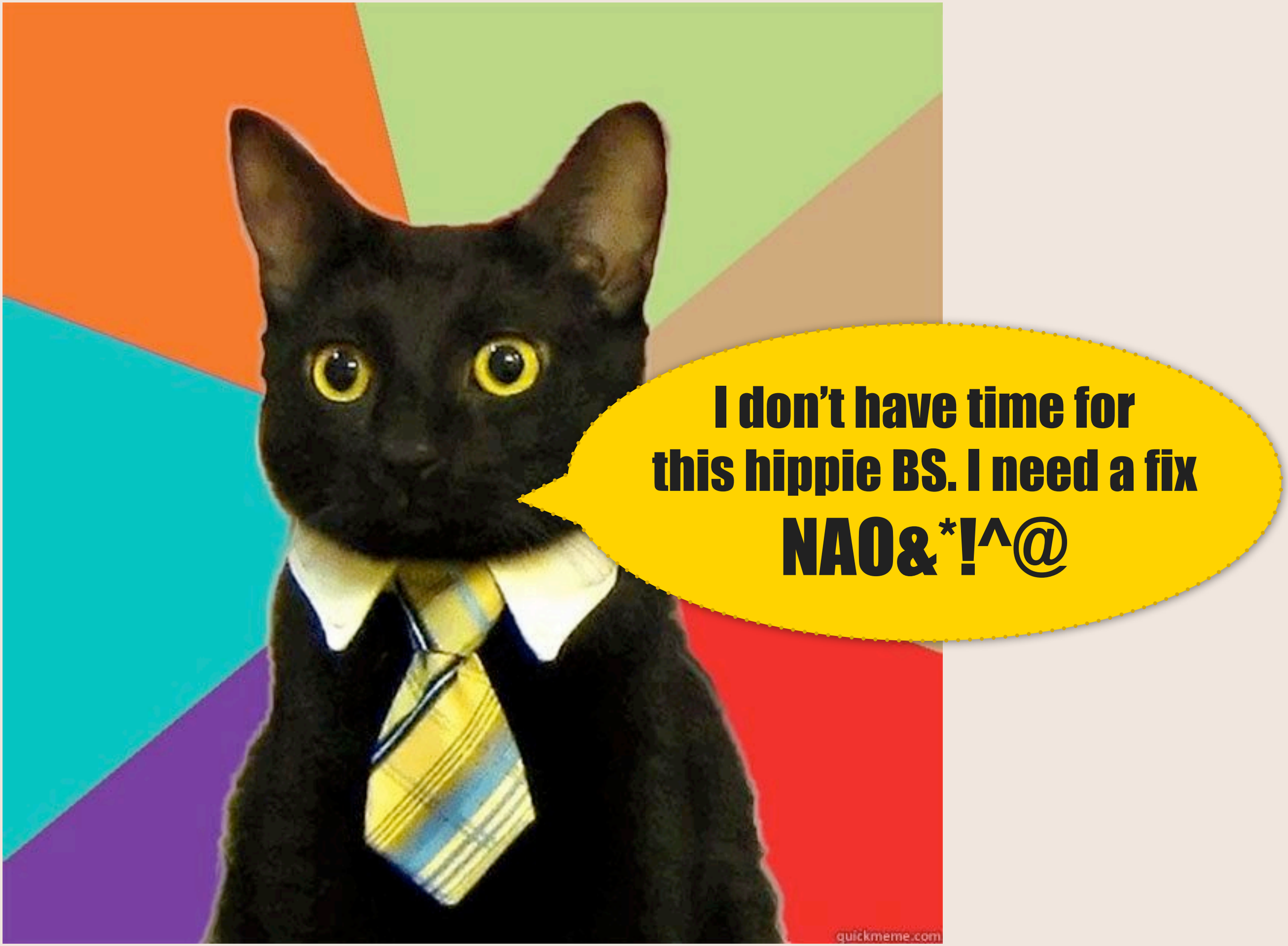
I have an idea for Drupal core!

I want to make sure to implement it **right**

All versions

I need to have it implemented **now**

Drupal 6/7


I don't have time for
this hippie BS. I need a fix
NAO&*!^@
quickmeme.com

I need to have it implemented **now**

- Core patches take more time
- Business needs shorter time to deploy
- Disagreement with community
- Extent of change not allowed in branch

I need to have it implemented **now**

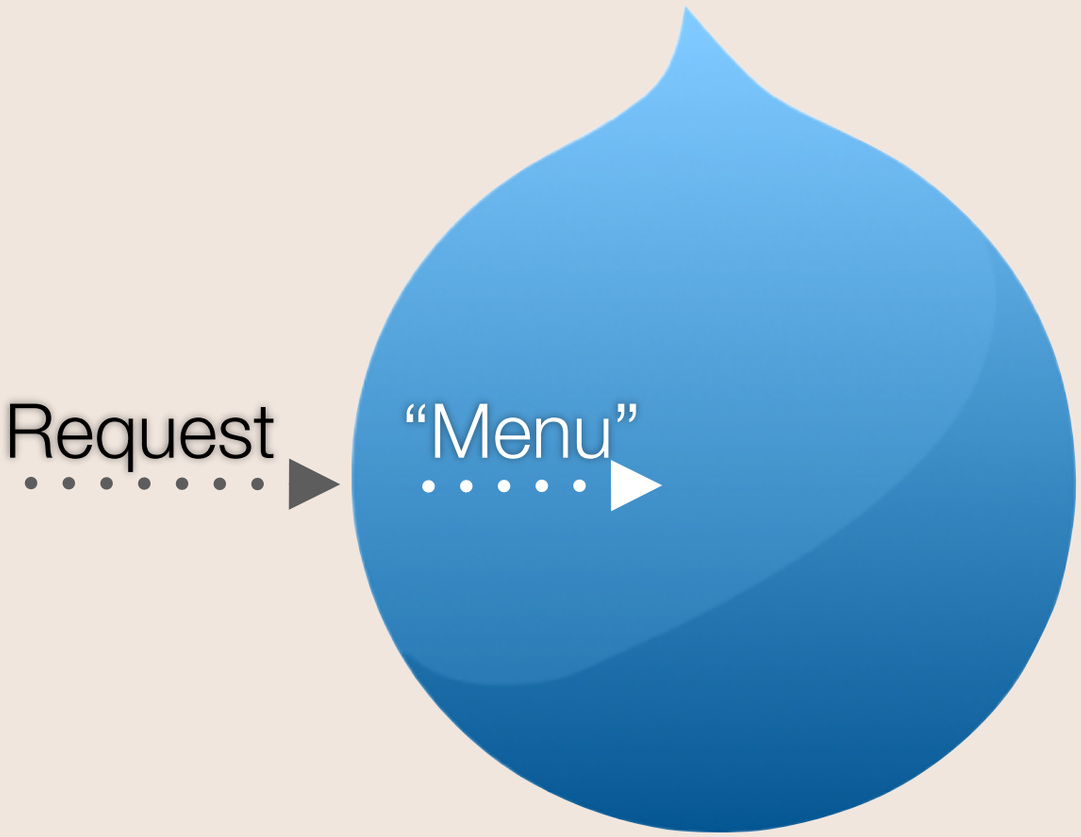
Custom patches

Override hooks

Custom patches

- Track changes carefully
  - Branch from the core git repository http://drupal.org/node/1181472
  - Use drush make http://drupal.org/project/drush_make
- Submit your patches to core anyway

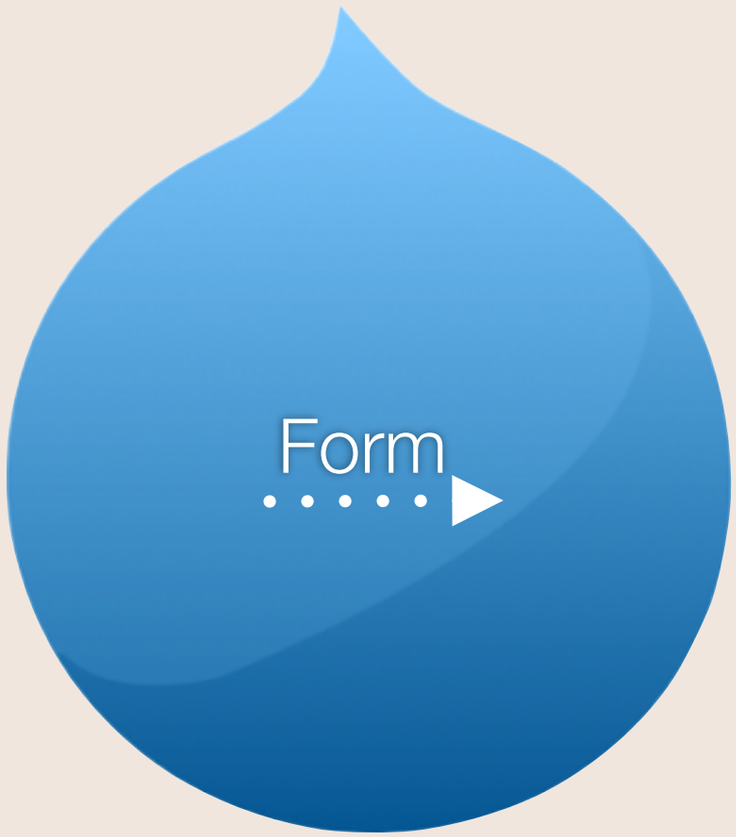
Override hooks



hook_menu_alter()

hook_module_implements_alter()

Override hooks



hook_form_alter()

hook_page_alter()

Override hooks

- Internal APIs might change over-time
- The bigger the change the more divergent from core
- Post as a contrib module if possible
- Propose changes for Drupal 8

I need to have it implemented **now**

Custom patches

Override hooks

Oh dear, WHAT HAVE I DONE??!

I want to make sure to implement it **right**

- Get feedback from the community
- Help to use best practices
- Fix it across Drupal versions
- Get it off your plate
- Make others build off your changes

I want to make sure to implement it **right**

"I enjoy working toward a common cause with smart, friendly people."

@ksenzee

I want to make sure to implement it **right**

"I definitely find it intrinsically rewarding -- in other words "yes this is done right" gives me great joy."

@chx

I want to make sure to implement it **right**

Start an issue

Start a discussion

I want to make sure to implement it **right**

Start an issue

Start a discussion

Manage it through a review process

Lonely cat is lonely. :(

Nobody cares about it

- 10000+ core issues open
- Average lifetimes not happy

Category	Overall	Last month
bug reports	35 weeks 5 days	6 days 1 hour
feature requests	1 year 26 weeks	3 days 7 hours
support requests	36 weeks 1 day	5 days 22 hours
tasks	42 weeks 1 day	1 week 8 hours

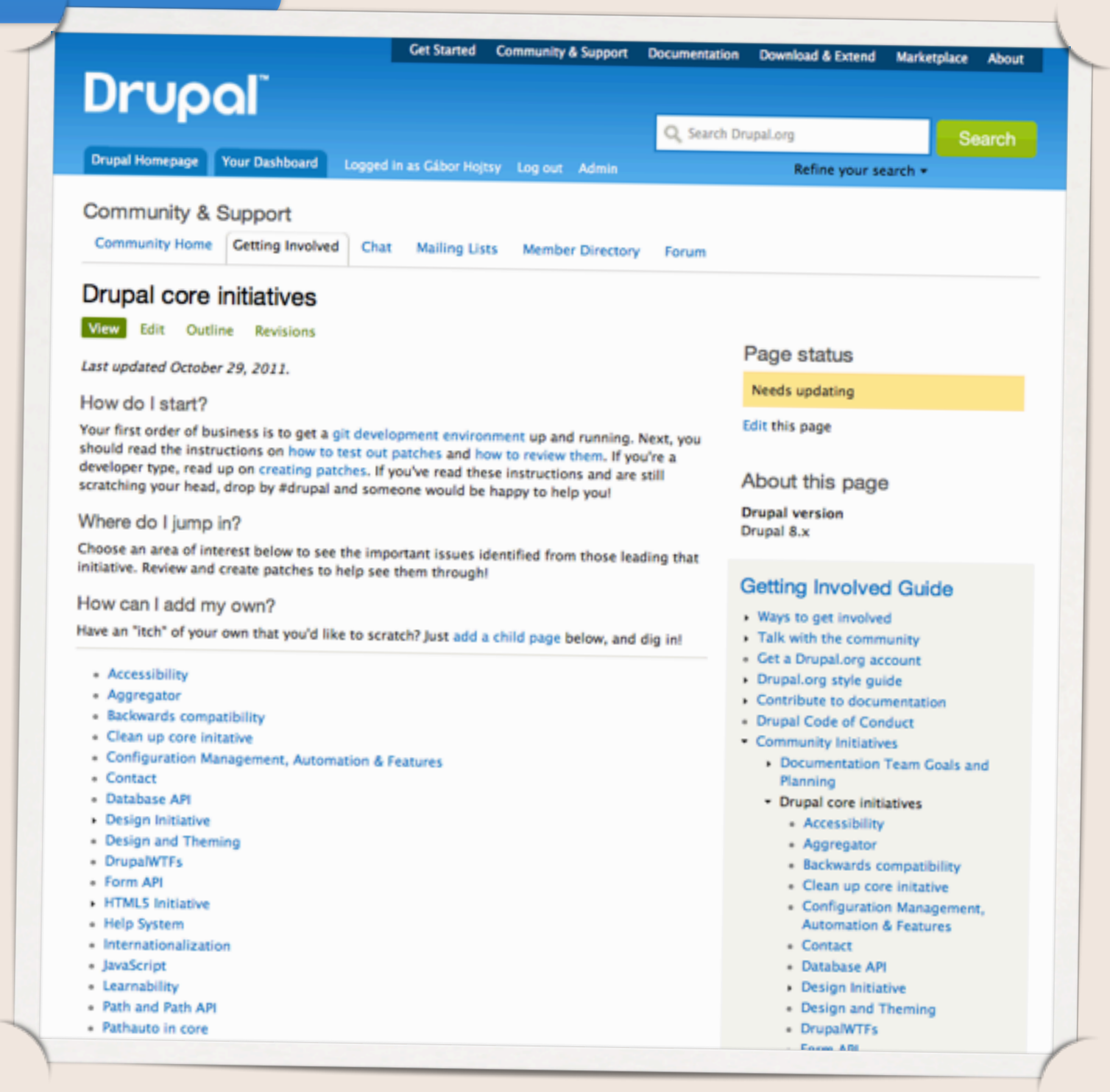
Nobody cares about it

- Issue submission guidelines drupal.org/node/73179
- Most common issue tags drupal.org/node/1207020

Nobody cares about it

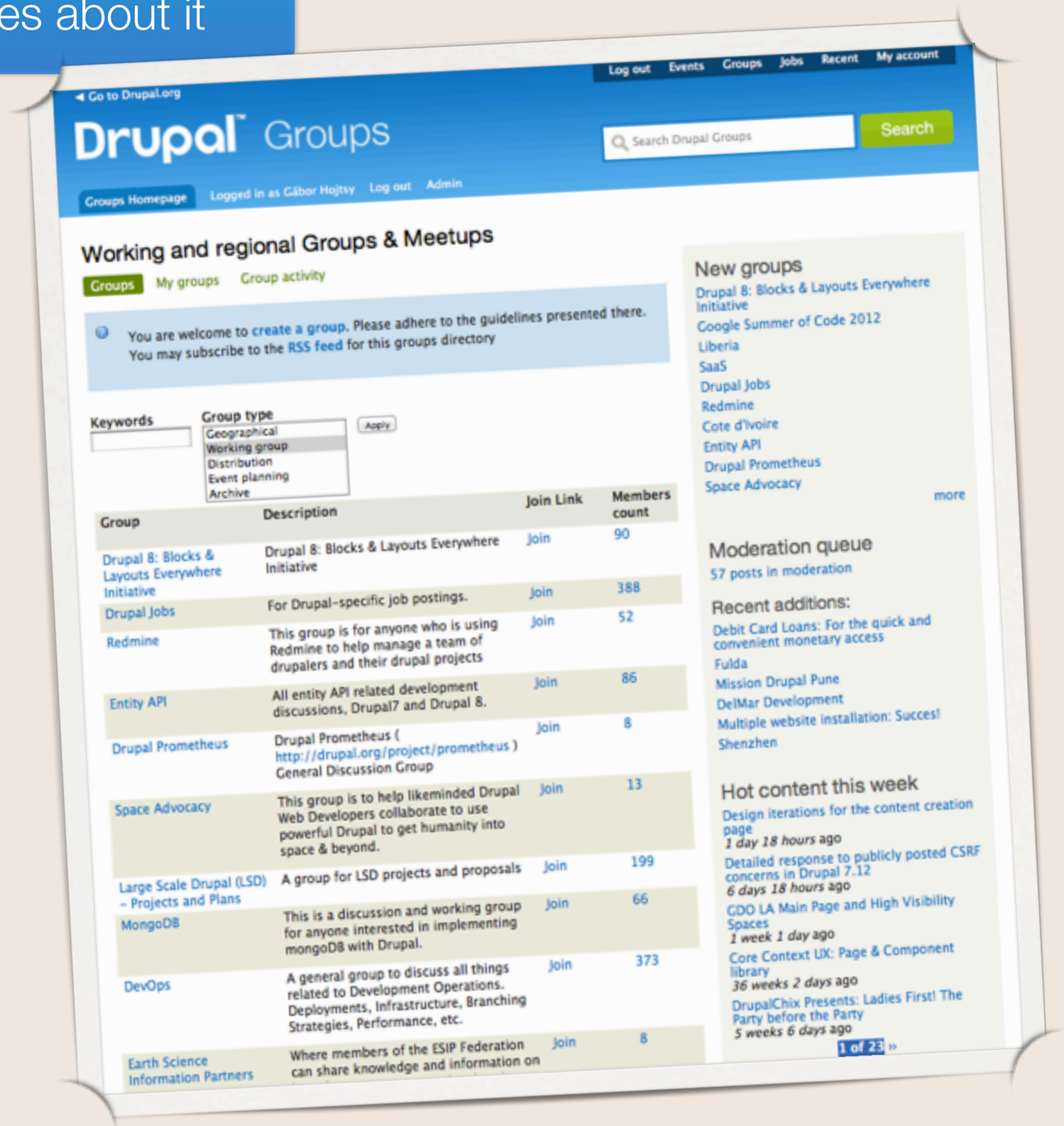
groups.drupal.org/drupal-initiatives

Nobody cares about it



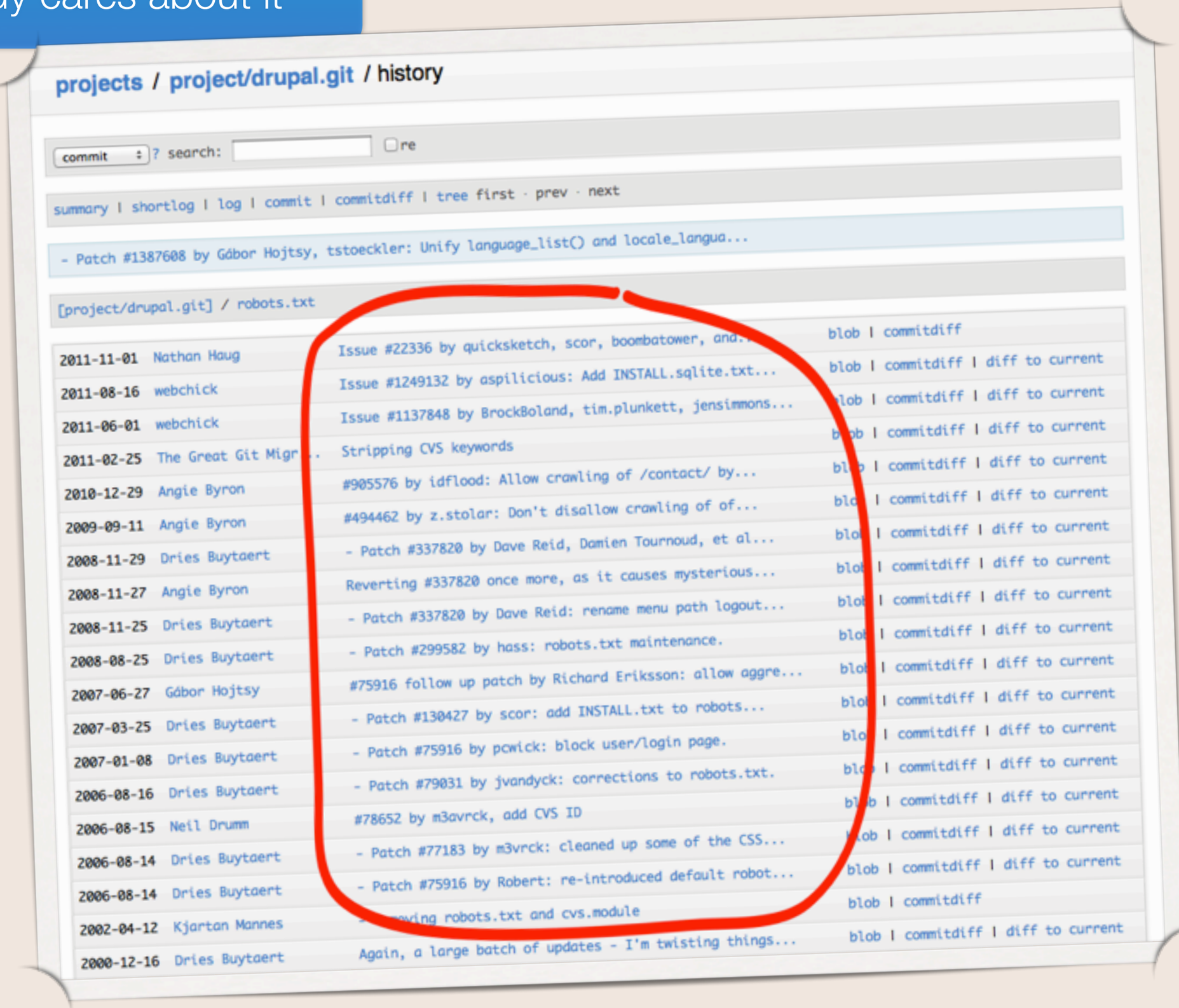
drupal.org/community-initiatives/drupal-core

Nobody cares about it



groups.drupal.org/groups

Nobody cares about it



projects / project/drupal.git / history

commit ? search: re

summary | shortlog | log | commit | commitdiff | tree first · prev · next

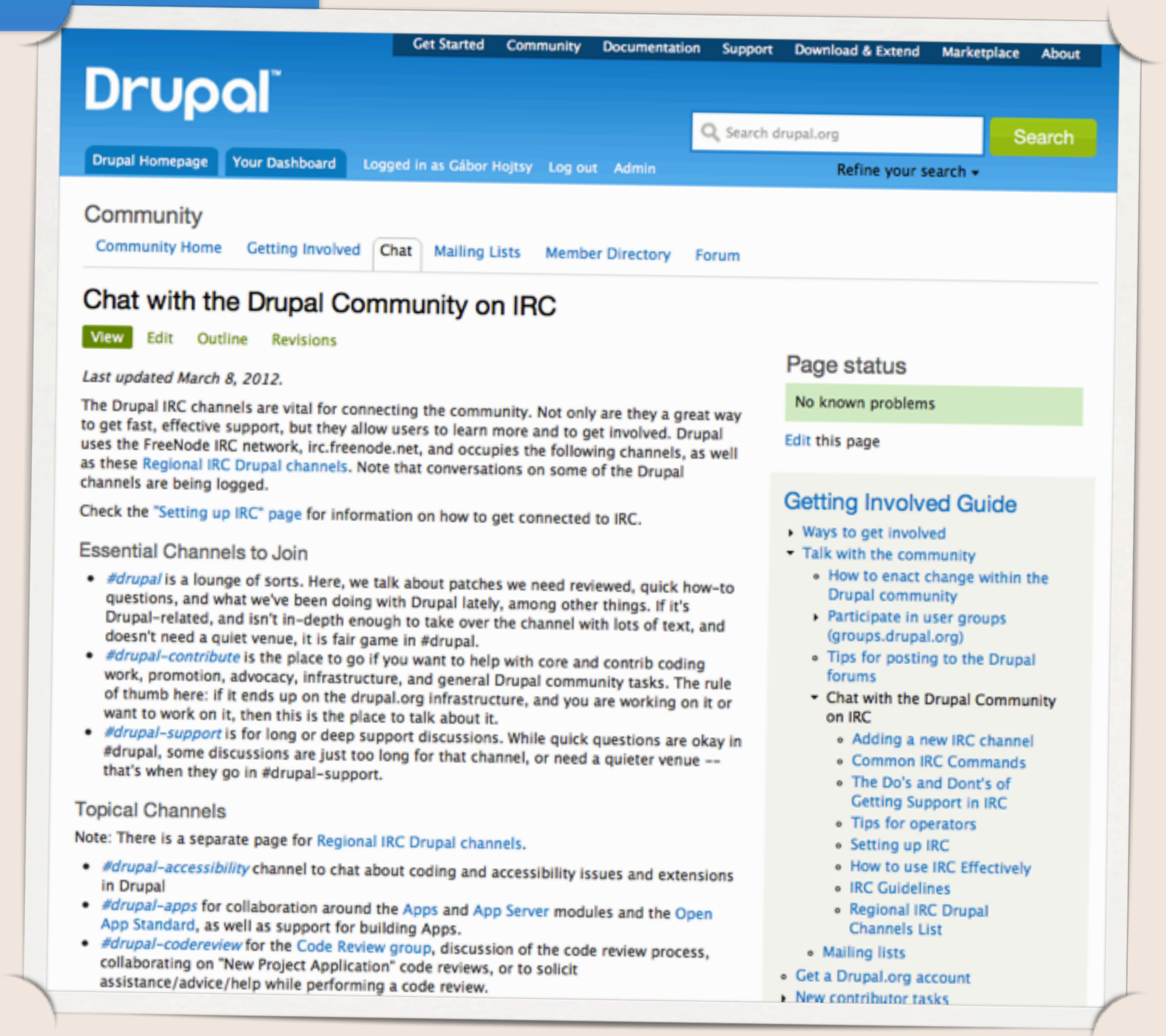
- Patch #1387608 by Gábor Hojtsy, tstoeckler: Unify language_list() and locale_langua...

[project/drupal.git] / robots.txt

2011-11-01	Nathan Haug	Issue #22336 by quicksketch, scor, boombatower, and...	blob | commitdiff
2011-08-16	webchick	Issue #1249132 by aspilicious: Add INSTALL.sqlite.txt...	blob | commitdiff | diff to current
2011-06-01	webchick	Issue #1137848 by BrockBoland, tim.plunkett, jensimmons...	blob | commitdiff | diff to current
2011-02-25	The Great Git Migr...	Stripping CVS keywords	blob | commitdiff | diff to current
2010-12-29	Angie Byron	#905576 by idflood: Allow crawling of /contact/ by...	blob | commitdiff | diff to current
2009-09-11	Angie Byron	#494462 by z.stolar: Don't disallow crawling of of...	blob | commitdiff | diff to current
2008-11-29	Dries Buytaert	- Patch #337820 by Dave Reid, Damien Tournoud, et al...	blob | commitdiff | diff to current
2008-11-27	Angie Byron	Reverting #337820 once more, as it causes mysterious...	blob | commitdiff | diff to current
2008-11-25	Dries Buytaert	- Patch #337820 by Dave Reid: rename menu path logout...	blob | commitdiff | diff to current
2008-08-25	Dries Buytaert	- Patch #299582 by hass: robots.txt maintenance.	blob | commitdiff | diff to current
2007-06-27	Gábor Hojtsy	#75916 follow up patch by Richard Eriksson: allow aggre...	blob | commitdiff | diff to current
2007-03-25	Dries Buytaert	- Patch #130427 by scor: add INSTALL.txt to robots...	blob | commitdiff | diff to current
2007-01-08	Dries Buytaert	- Patch #75916 by pcwick: block user/login page.	blob | commitdiff | diff to current
2006-08-16	Dries Buytaert	- Patch #79031 by jvandyck: corrections to robots.txt.	blob | commitdiff | diff to current
2006-08-15	Neil Drumm	#78652 by m3avrck, add CVS ID	blob | commitdiff | diff to current
2006-08-14	Dries Buytaert	- Patch #77183 by m3vrck: cleaned up some of the CSS...	blob | commitdiff | diff to current
2006-08-14	Dries Buytaert	- Patch #75916 by Robert: re-introduced default robot...	blob | commitdiff | diff to current
2002-04-12	Kjartan Mannes	...oving robots.txt and cvs.module	blob | commitdiff
2000-12-16	Dries Buytaert	Again, a large batch of updates - I'm twisting things...	blob | commitdiff | diff to current

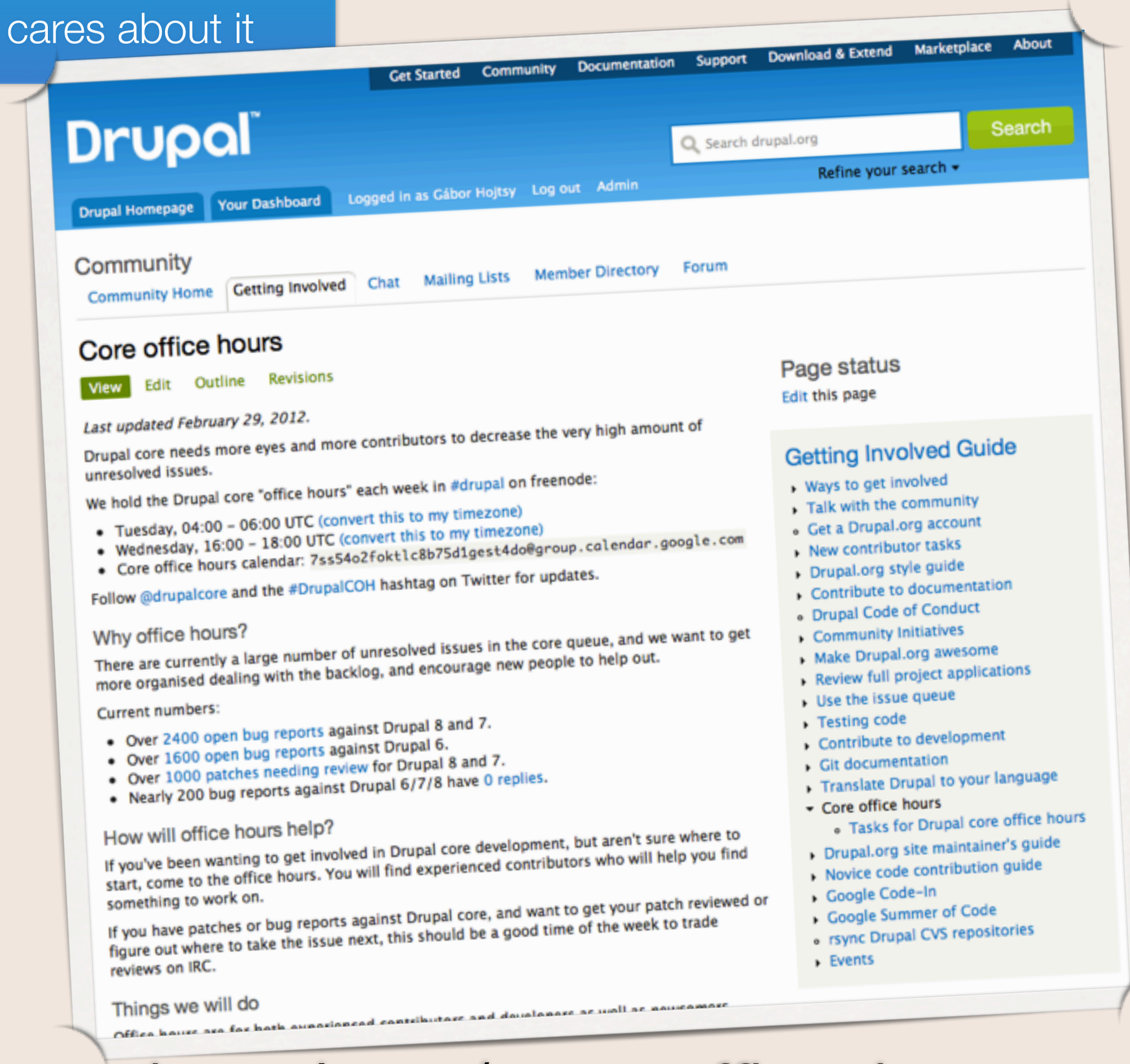
drupalcode.org/project/drupal.git/history/HEAD:/robots.txt

Nobody cares about it



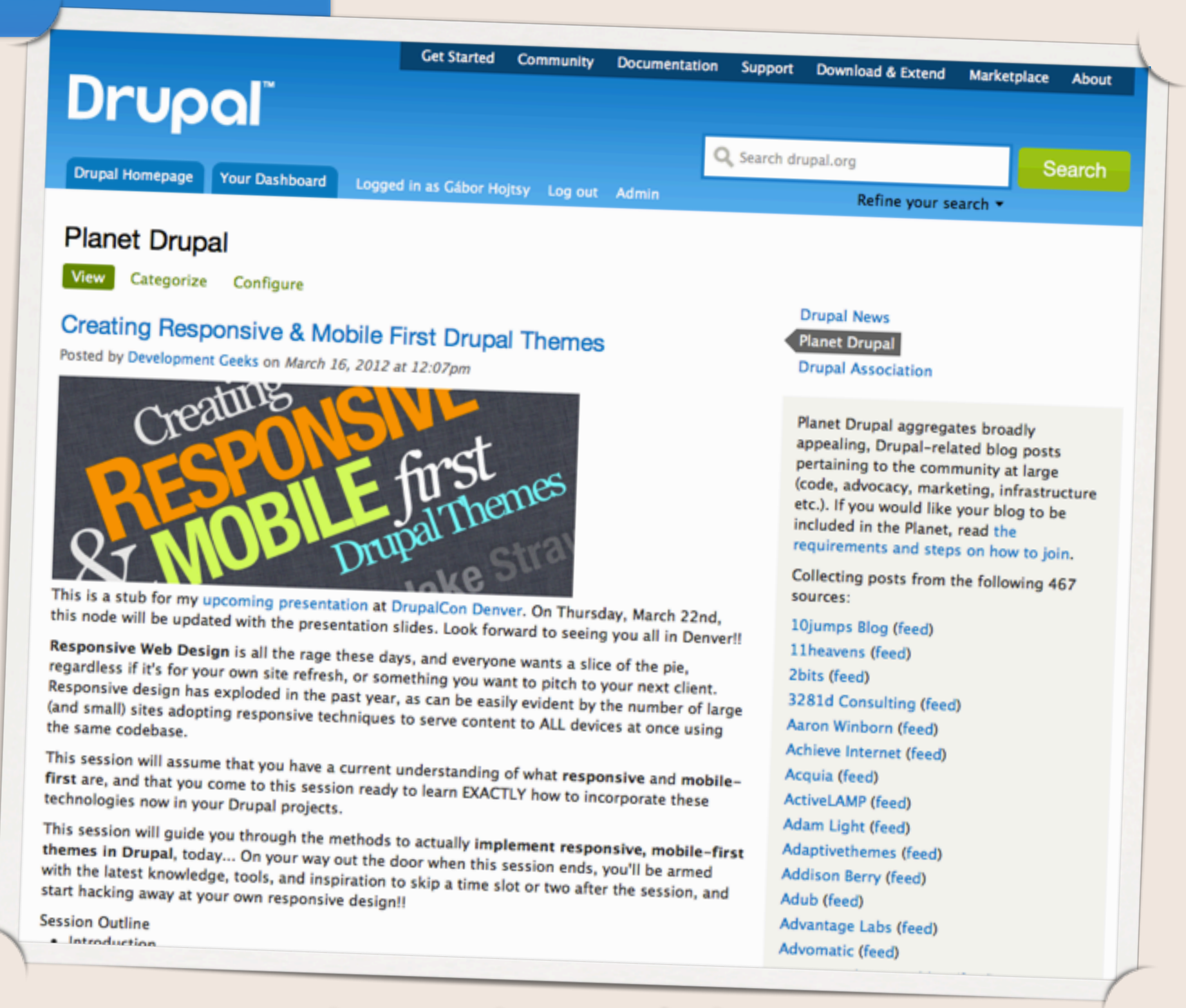
drupal.org/irc

Nobody cares about it



drupal.org/core-office-hours

Nobody cares about it



drupal.org/planet

429

Too Many Requests

So. Many. Cats.
So. Many.
Opinions.

Everybody cares about it

- Consider all feedback, criticism
- Do not cater to everybody
- Keep your issue summary updated
- Be present, respond where needed
- Have an overall plan with followups
- drupal.org/dcoc

Everybody cares about it

Drupal.org project sandbox

Issue

Issue

Issue

Commit

Commit

Commit

Merge

Structured tagging

Issue D8MI

Issue D8MI

Commit

Commit

Issue

Issue

Issue

Issue

Commit

Commit

Commit

META issues

OMG! RTBC! I’m FREEE!

Party Pooper Cat
Not so fast!
STRIKES AGAIN
ICANHASCHEEZBURGER.COM

Yay, my patch is RTBC

- Does not guarantee it is in.
- In case of extended time to commit, make sure it still applies and passes tests.
- Might bounce back to any previous state.

PARTY!

21 August 2012

Get started this week!