

21 August 2012



Bringing your ideas to fruition in Drupal core

Gábor Hojtsy



Gábor Hojtsy

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



I have an idea for Drupal core!



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!



Drupal 8



Drupal 7

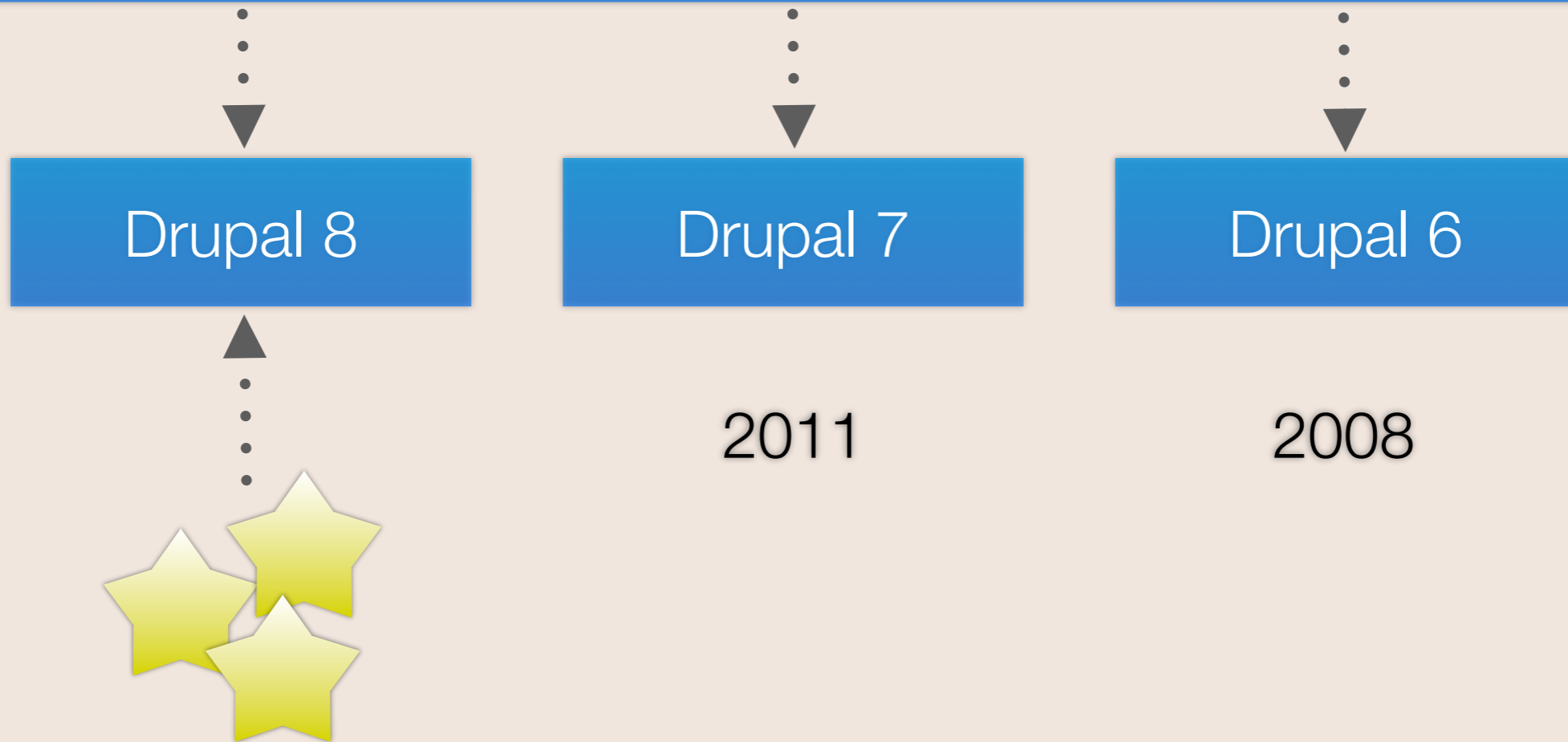


Drupal 6

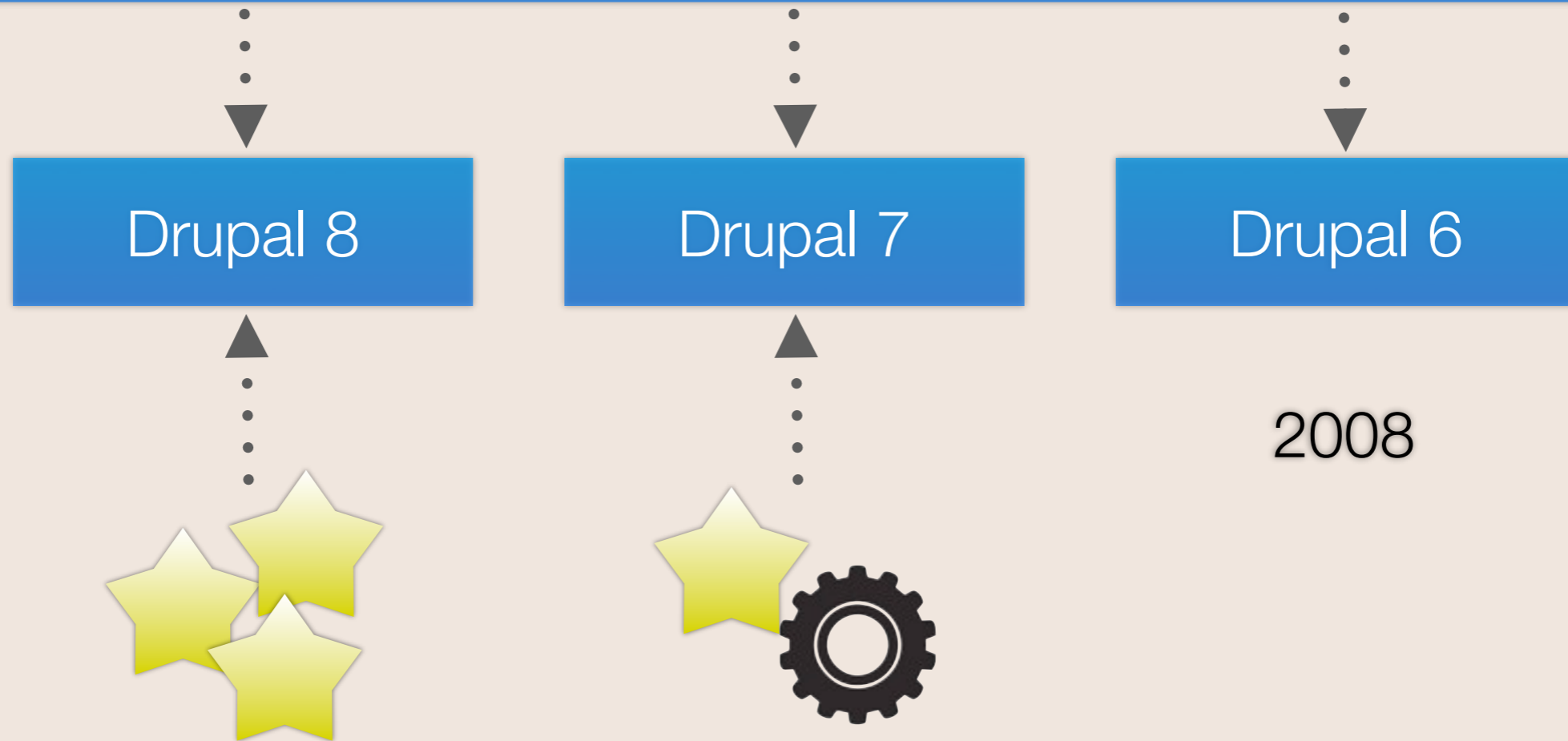
I have an idea for Drupal core!



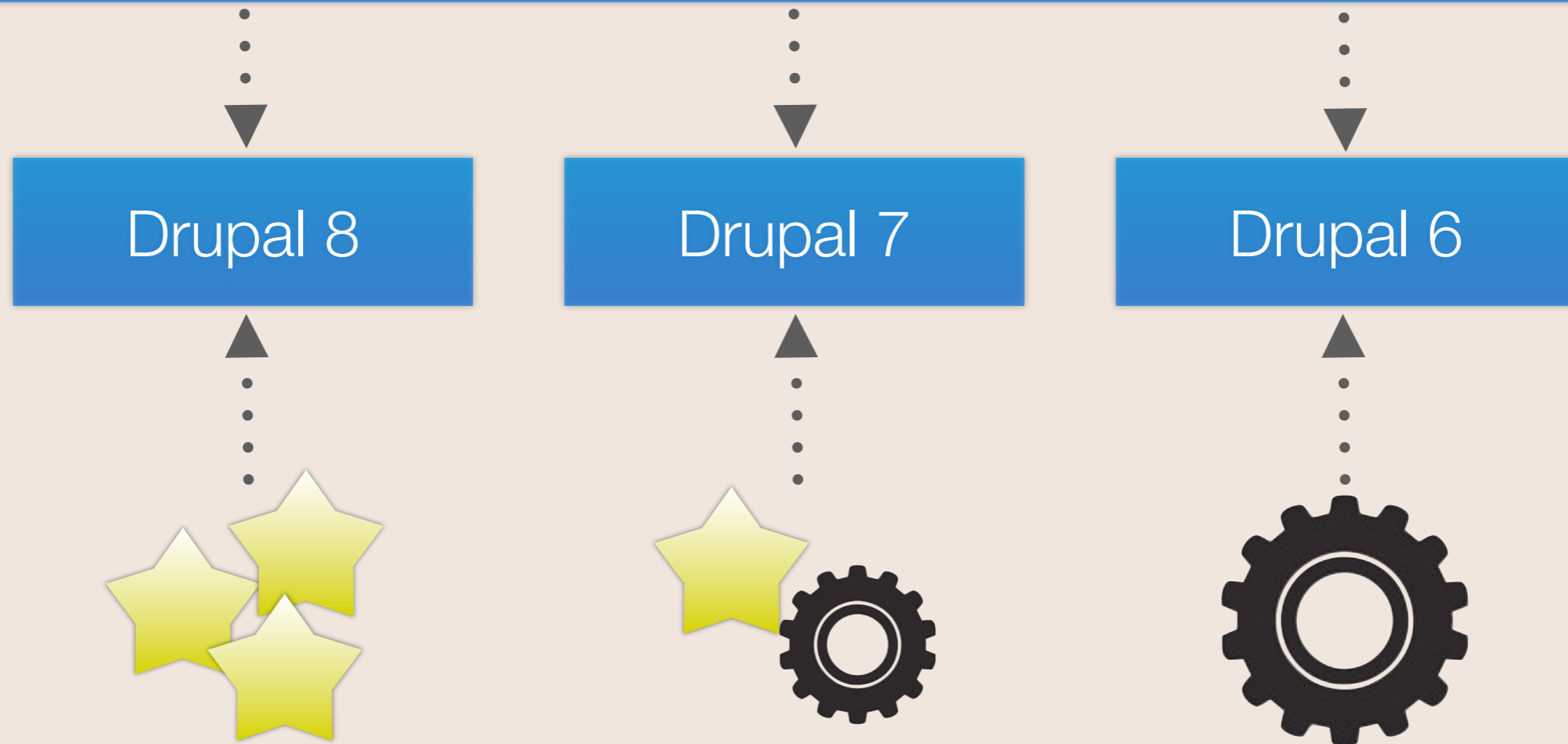
I have an idea for Drupal core!



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Drupal 8



Drupal 7



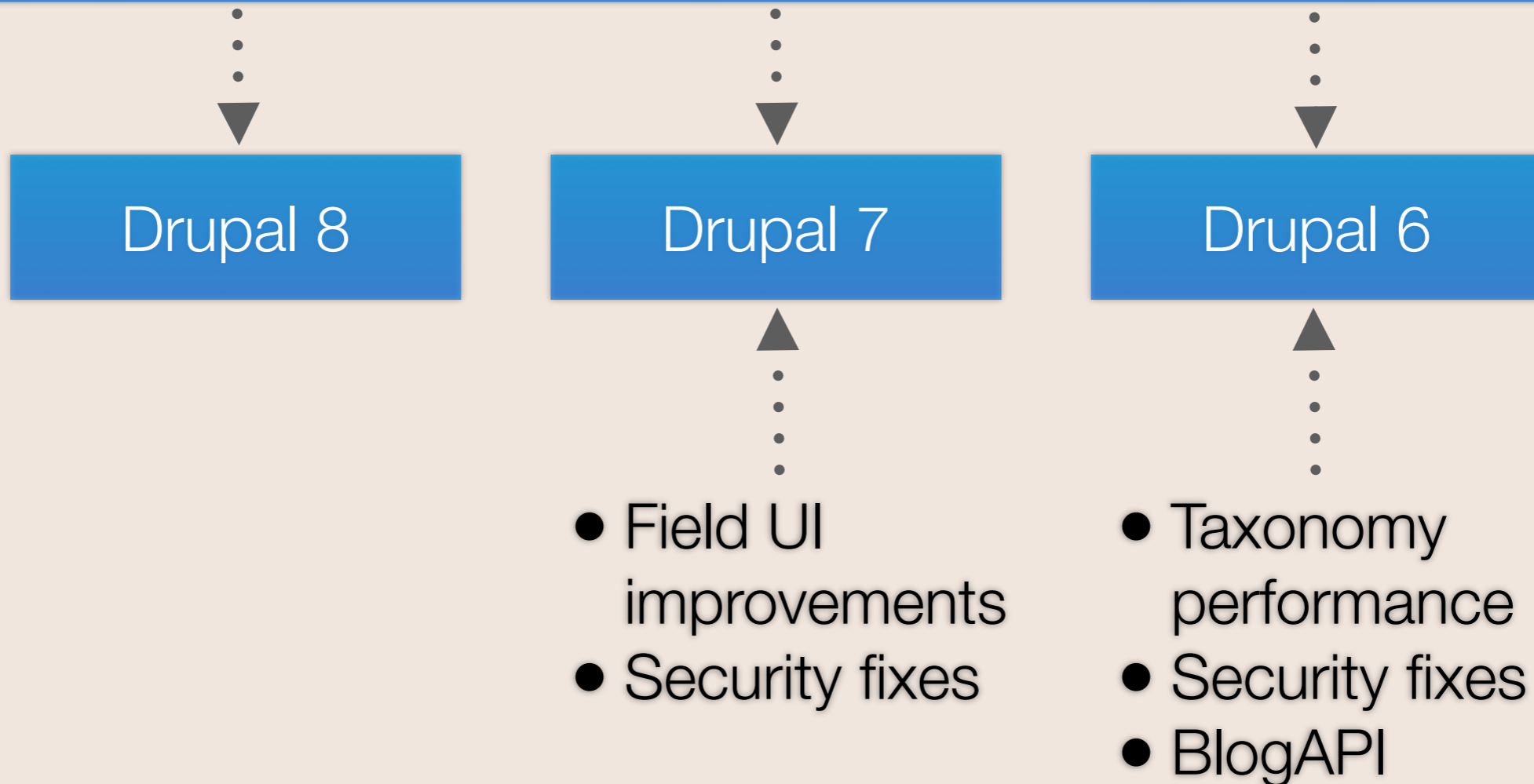
Drupal 6

I have an idea for Drupal core!

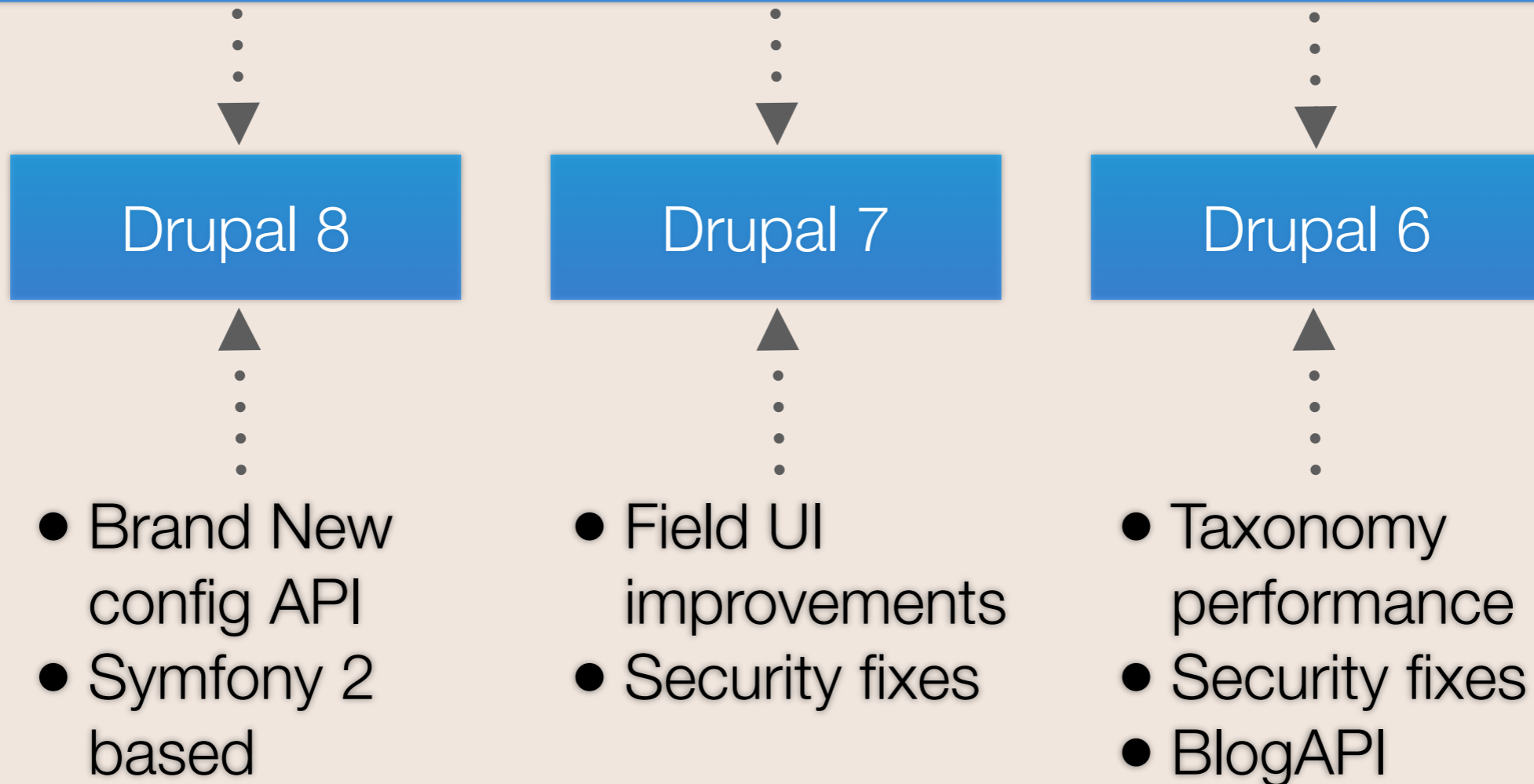


- Taxonomy performance
- Security fixes
- BlogAPI

I have an idea for Drupal core!



I have an idea for Drupal core!



I have an idea for Drupal core!



Drupal 8

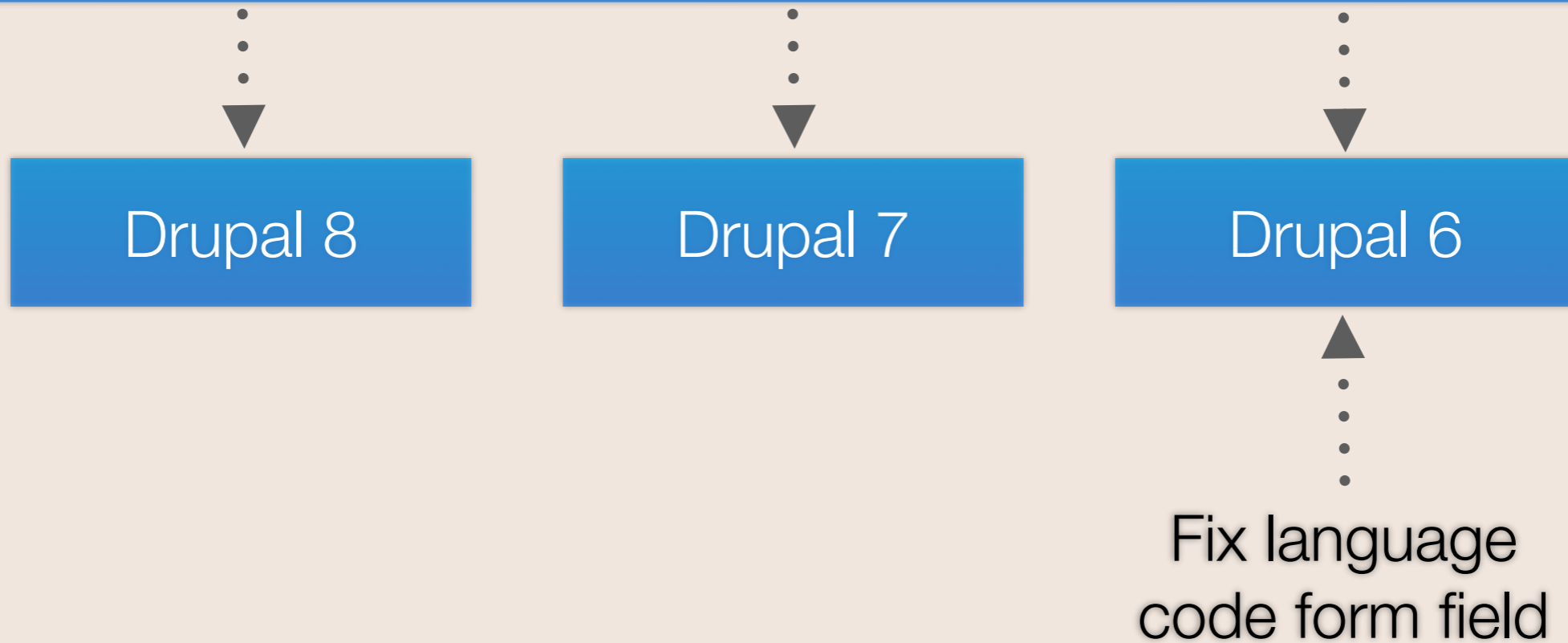


Drupal 7

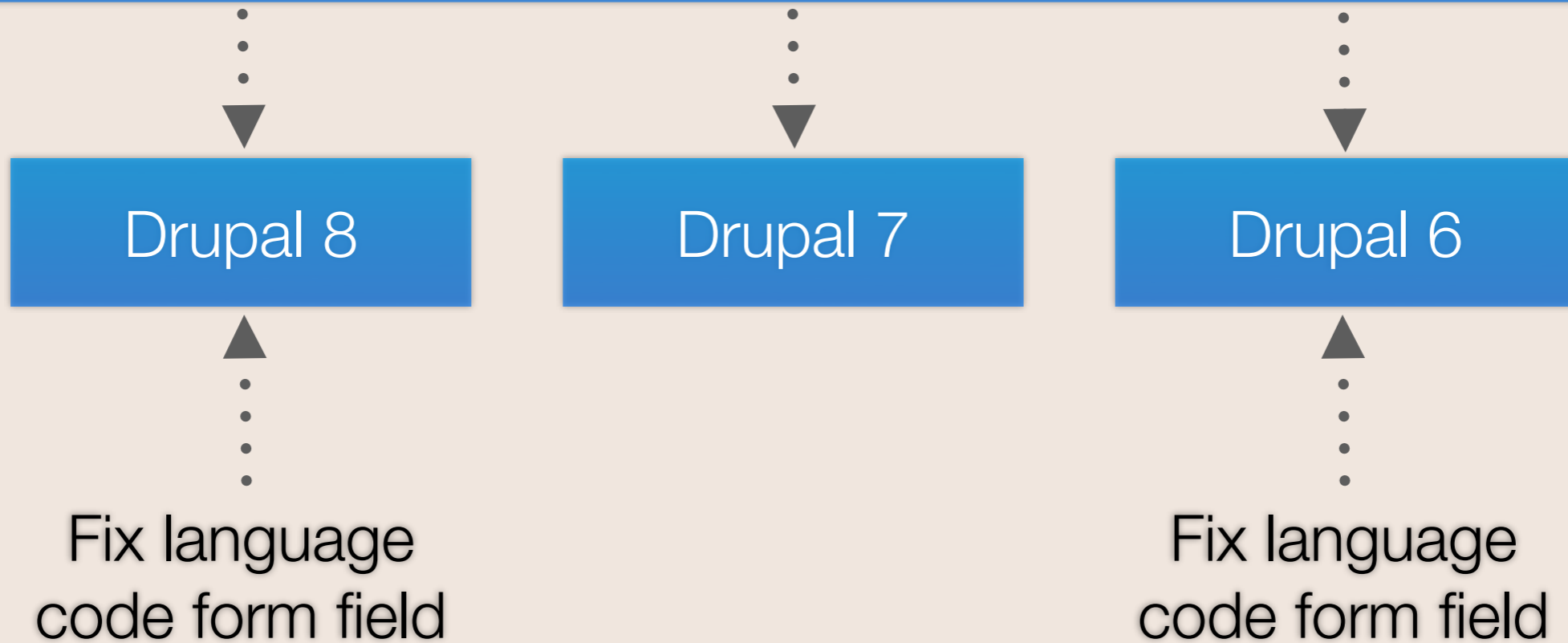


Drupal 6

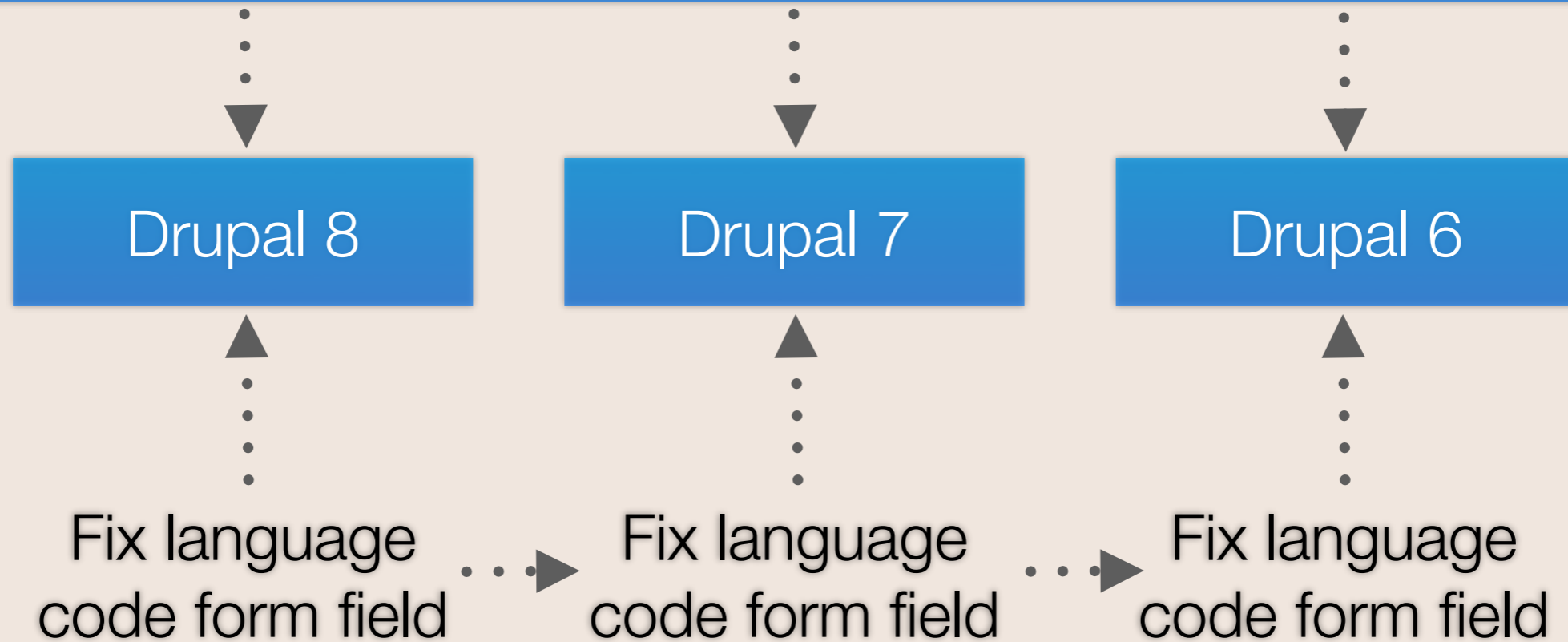
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I have an idea for Drupal core!



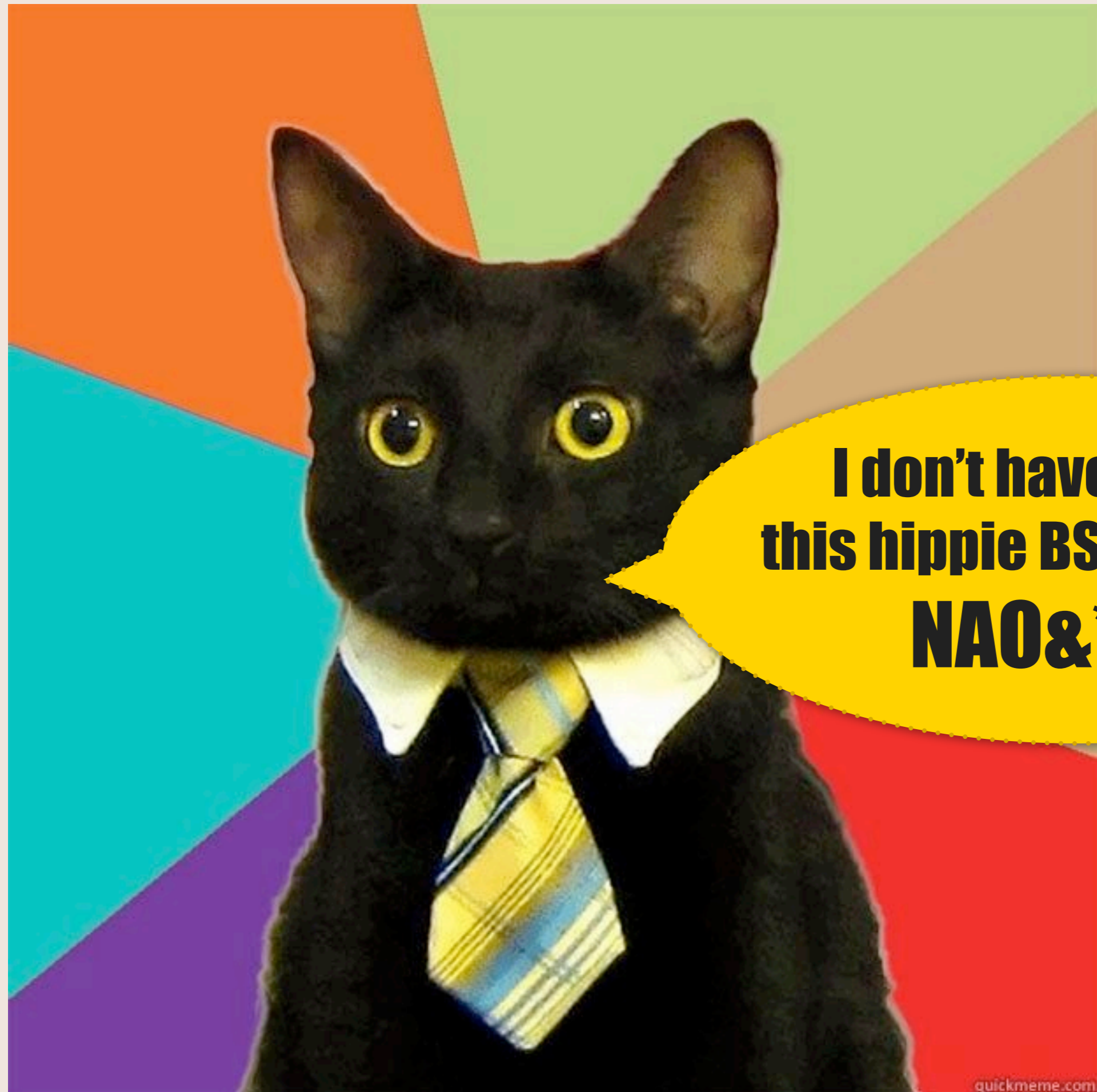
I want to make sure to implement it **right**

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&*!^@**

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

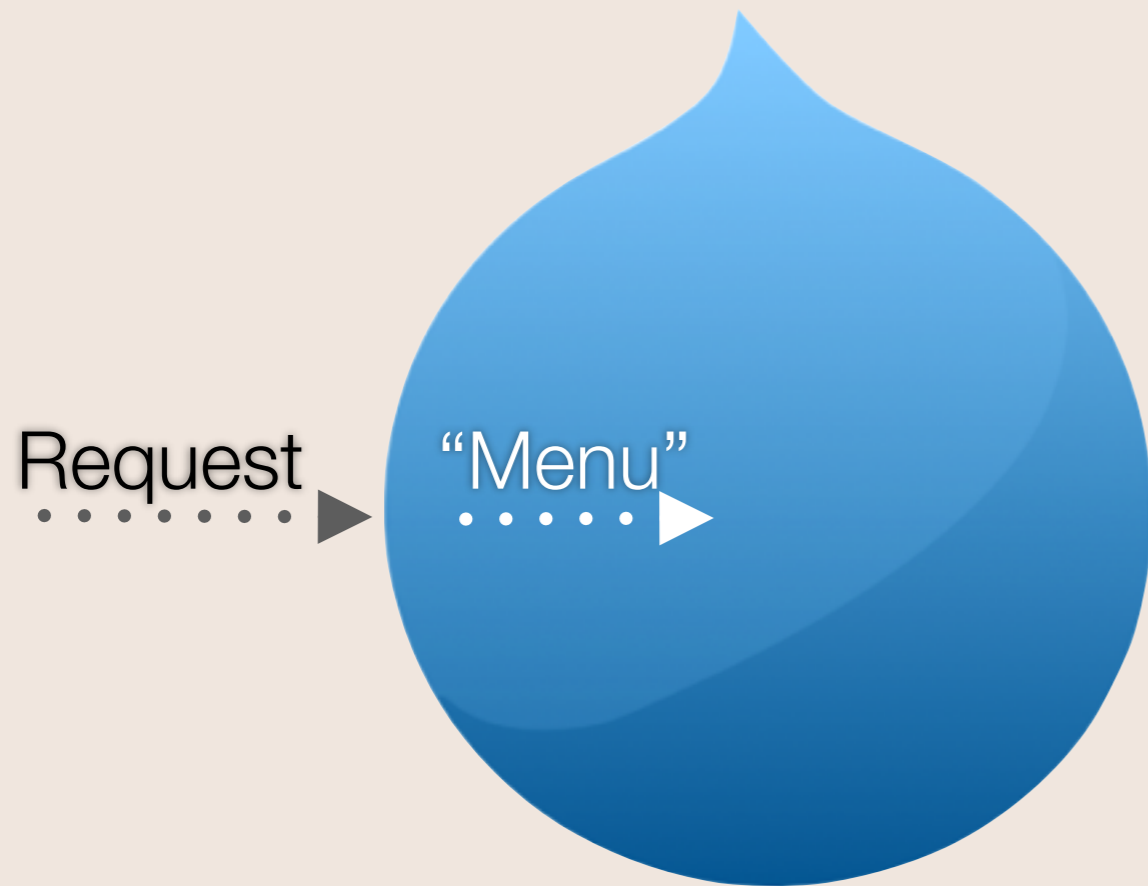


Override hooks

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

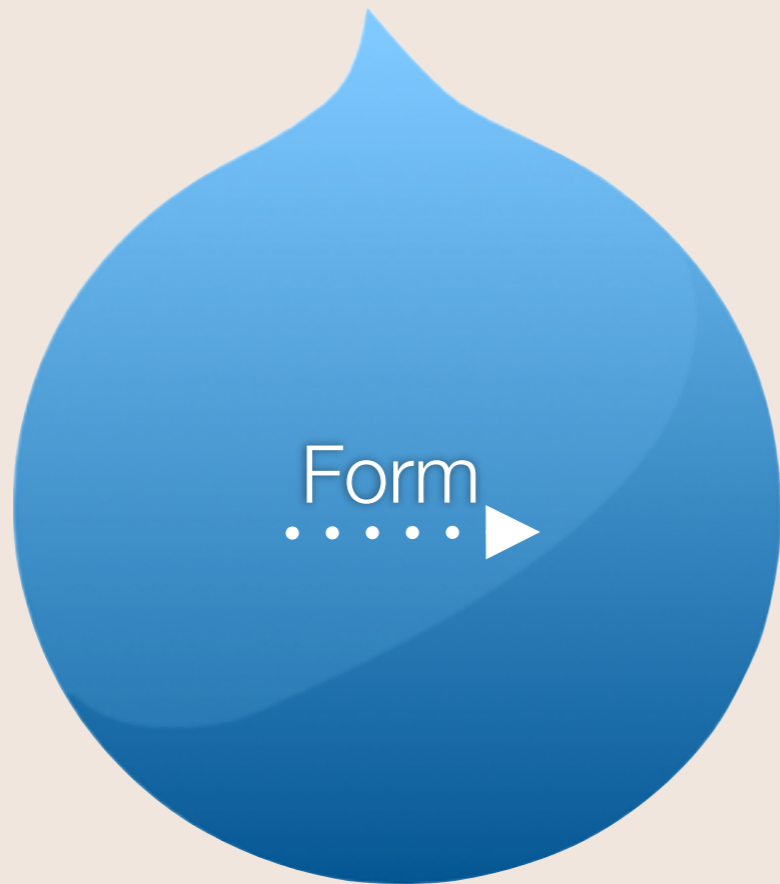


`hook_menu_alter()`



`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

The screenshot shows the Drupal 8 Initiatives group page. At the top, there is a navigation bar with links for 'Log out', 'Events', 'Groups', 'Jobs', 'Recent', and 'My account'. The main header features the Drupal logo and a search bar. Below the header, the page title is 'Drupal 8 Initiatives' with a 'Home' button and links for 'Edit', 'Revisions', 'Taxonomy', 'Broadcast', and 'Pages'. The main content area contains a description of the group, a list of content types (a, b, c), and an 'Initiative dashboard' with links for 'Configuration Management', 'Web Services', 'Design', 'Multilingual', 'HTML 5', and 'Mobile'. On the right side, there is a sidebar with a 'Drupal 8 Initiatives' section containing links for 'Create Poll', 'Create Event', 'Create Job', 'Create Discussion', 'Create Wiki page', '13 members', and 'My membership'. Below this is a 'Group organizers' list with names like 'Jacine', 'heyrocker', 'Gábor Hojtsy', 'Crell', 'JohnAlbin', and 'Jeff Burnz'. At the bottom of the sidebar, there is a 'Group Events' section with a 'Search group' button and a listing for an 'IRC Meeting' on '2012-01-24 20:00 - 21:00 UTC'. The main content area also has a 'Recent Content' section with a post titled 'IRC Meeting' by 'heyrocker' on 'January 23, 2012 at 12:05pm'.

groups.drupal.org/drupal-initiatives

Nobody cares about it

Get Started Community & Support Documentation Download & Extend Marketplace About

Drupal

Drupal Homepage Your Dashboard Logged in as Gábor Hojtsy Log out Admin Refine your search

Search Drupal.org Search

Community & Support

Community Home Getting Involved Chat Mailing Lists Member Directory Forum

Drupal core initiatives

[View](#) [Edit](#) [Outline](#) [Revisions](#)

Last updated October 29, 2011.

How do I start?

Your first order of business is to get a [git development environment](#) up and running. Next, you should read the instructions on [how to test out patches](#) and [how to review them](#). If you're a developer type, read up on [creating patches](#). If you've read these instructions and are still scratching your head, drop by [#drupal](#) and someone would be happy to help you!

Where do I jump in?

Choose an area of interest below to see the important issues identified from those leading that initiative. Review and create patches to help see them through!

How can I add my own?

Have an "itch" of your own that you'd like to scratch? Just [add a child page](#) below, and dig in!

- Accessibility
- Aggregator
- Backwards compatibility
- Clean up core initiative
- Configuration Management, Automation & Features
- Contact
- Database API
- Design Initiative
- Design and Theming
- DrupalWTFs
- Form API
- HTML5 Initiative
- Help System
- Internationalization
- JavaScript
- Learnability
- Path and Path API
- Pathauto in core

Page status

Needs updating

[Edit this page](#)

About this page

Drupal version
Drupal 8.x

Getting Involved Guide

- [Ways to get involved](#)
- [Talk with the community](#)
- [Get a Drupal.org account](#)
- [Drupal.org style guide](#)
- [Contribute to documentation](#)
- [Drupal Code of Conduct](#)
- [Community Initiatives](#)
 - [Documentation Team Goals and Planning](#)
 - [Drupal core initiatives](#)
 - [Accessibility](#)
 - [Aggregator](#)
 - [Backwards compatibility](#)
 - [Clean up core initiative](#)
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 - [Design Initiative](#)
 - [Design and Theming](#)
 - [DrupalWTFs](#)
 - [Form API](#)

drupal.org/community-initiatives/drupal-core

Nobody cares about it

The screenshot shows the Drupal Groups homepage. At the top, there's a navigation bar with links for 'Log out', 'Events', 'Groups', 'Jobs', 'Recent', and 'My account'. Below this is a search bar for 'Search Drupal Groups' and a 'Search' button. The main header includes 'Go to Drupal.org', the 'Drupal Groups' logo, and user information: 'Groups Homepage', 'Logged in as Gábor Hajtsy', 'Log out', and 'Admin'.

Working and regional Groups & Meetups

Groups My groups Group activity

You are welcome to create a group. Please adhere to the guidelines presented there. You may subscribe to the RSS feed for this groups directory

Keywords **Group type**

- Geographical
- Working group
- Distribution
- Event planning
- Archive

Group	Description	Join Link	Members count
Drupal 8: Blocks & Layouts Everywhere Initiative	Drupal 8: Blocks & Layouts Everywhere Initiative	Join	90
Drupal Jobs	For Drupal-specific job postings.	Join	388
Redmine	This group is for anyone who is using Redmine to help manage a team of drupalers and their drupal projects	Join	52
Entity API	All entity API related development discussions, Drupal7 and Drupal 8.	Join	86
Drupal Prometheus	Drupal Prometheus (http://drupal.org/project/prometheus) General Discussion Group	Join	8
Space Advocacy	This group is to help likeminded Drupal Web Developers collaborate to use powerful Drupal to get humanity into space & beyond.	Join	13
Large Scale Drupal (LSD) - Projects and Plans	A group for LSD projects and proposals	Join	199
MongoDB	This is a discussion and working group for anyone interested in implementing mongoDB with Drupal.	Join	66
DevOps	A general group to discuss all things related to Development Operations. Deployments, Infrastructure, Branching Strategies, Performance, etc.	Join	373
Earth Science Information Partners	Where members of the ESIP Federation can share knowledge and information on	Join	8

New groups

- Drupal 8: Blocks & Layouts Everywhere Initiative
- Google Summer of Code 2012
- Liberia
- SaaS
- Drupal Jobs
- Redmine
- Cote d'Ivoire
- Entity API
- Drupal Prometheus
- Space Advocacy

[more](#)

Moderation queue

57 posts in moderation

Recent additions:

- Debit Card Loans: For the quick and convenient monetary access
- Fulda
- Mission Drupal Pune
- DelMar Development
- Multiple website installation: Success Shenzhen

Hot content this week

- Design iterations for the content creation page *1 day 18 hours ago*
- Detailed response to publicly posted CSRF concerns in Drupal 7.12 *6 days 18 hours ago*
- CDO LA Main Page and High Visibility Spaces *1 week 1 day ago*
- Core Context UX: Page & Component library *36 weeks 2 days ago*
- DrupalChix Presents: Ladies First! The Party before the Party *5 weeks 6 days ago*

1 of 23 »

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	- Moving 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

The screenshot shows the Drupal.org website interface. At the top, there is a navigation bar with links for 'Get Started', 'Community', 'Documentation', 'Support', 'Download & Extend', 'Marketplace', and 'About'. The Drupal logo is prominently displayed on the left. A search bar is located on the right, with the text 'Search drupal.org' and a 'Search' button. Below the navigation bar, there are tabs for 'Drupal Homepage', 'Your Dashboard', and a user profile 'Logged in as Gábor Hojtsy' with 'Log out' and 'Admin' links. The main content area is titled 'Community' and has sub-tabs for 'Community Home', 'Getting Involved', 'Chat', 'Mailing Lists', 'Member Directory', and 'Forum'. The 'Chat' tab is active, showing the page title 'Chat with the Drupal Community on IRC'. Below the title are buttons for 'View', 'Edit', 'Outline', and 'Revisions'. The text indicates the page was last updated on March 8, 2012, and describes the importance of IRC channels for the Drupal community. It lists several channels: #drupal, #drupal-contribute, and #drupal-support. A 'Getting Involved Guide' sidebar on the right provides a detailed list of resources, including 'Ways to get involved', 'Talk with the community', and 'Chat with the Drupal Community on IRC' with sub-links for adding channels, commands, and guidelines. A 'Page status' box indicates 'No known problems' and an 'Edit this page' link is present.

Get Started Community Documentation Support Download & Extend Marketplace About

Drupal™

Search drupal.org Search

Drupal Homepage Your Dashboard Logged in as Gábor Hojtsy Log out Admin Refine your search ▾

Community

Community Home Getting Involved Chat Mailing Lists Member Directory Forum

Chat with the Drupal Community on IRC

View Edit Outline Revisions

Last updated March 8, 2012.

The Drupal IRC channels are vital for connecting the community. Not only are they a great way to get fast, effective support, but they allow users to learn more and to get involved. Drupal uses the FreeNode IRC network, irc.freenode.net, and occupies the following channels, as well as these [Regional IRC Drupal channels](#). Note that conversations on some of the Drupal channels are being logged.

Check the ["Setting up IRC" page](#) for information on how to get connected to IRC.

Essential Channels to Join

- [#drupal](#) is a lounge of sorts. Here, we talk about patches we need reviewed, quick how-to questions, and what we've been doing with Drupal lately, among other things. If it's Drupal-related, and isn't in-depth enough to take over the channel with lots of text, and doesn't need a quiet venue, it is fair game in #drupal.
- [#drupal-contribute](#) is the place to go if you want to help with core and contrib coding work, promotion, advocacy, infrastructure, and general Drupal community tasks. The rule of thumb here: if it ends up on the drupal.org infrastructure, and you are working on it or want to work on it, then this is the place to talk about it.
- [#drupal-support](#) is for long or deep support discussions. While quick questions are okay in #drupal, some discussions are just too long for that channel, or need a quieter venue -- that's when they go in #drupal-support.

Topical Channels

Note: There is a separate page for [Regional IRC Drupal channels](#).

- [#drupal-accessibility](#) channel to chat about coding and accessibility issues and extensions in Drupal
- [#drupal-apps](#) for collaboration around the [Apps](#) and [App Server](#) modules and the [Open App Standard](#), as well as support for building Apps.
- [#drupal-codereview](#) for the [Code Review group](#), discussion of the code review process, collaborating on "New Project Application" code reviews, or to solicit assistance/advice/help while performing a code review.

Page status

No known problems

[Edit this page](#)

Getting Involved Guide

- [Ways to get involved](#)
- ▾ [Talk with the community](#)
 - [How to enact change within the Drupal community](#)
 - [Participate in user groups \(groups.drupal.org\)](#)
 - [Tips for posting to the Drupal forums](#)
 - ▾ [Chat with the Drupal Community on IRC](#)
 - [Adding a new IRC channel](#)
 - [Common IRC Commands](#)
 - [The Do's and Dont's of Getting Support in IRC](#)
 - [Tips for operators](#)
 - [Setting up IRC](#)
 - [How to use IRC Effectively](#)
 - [IRC Guidelines](#)
 - [Regional IRC Drupal Channels List](#)
 - [Mailing lists](#)
- [Get a Drupal.org account](#)
- [New contributor tasks](#)

drupal.org/irc

Nobody cares about it

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On the right side, there is a 'Page status' section with a link 'Edit this page'. Below it is a 'Getting Involved Guide' sidebar with a list of links: Ways to get involved, Talk with the community, Get a Drupal.org account, New contributor tasks, Drupal.org style guide, Contribute to documentation, Drupal Code of Conduct, Community Initiatives, Make Drupal.org awesome, Review full project applications, Use the issue queue, Testing code, Contribute to development, Git documentation, Translate Drupal to your language, Core office hours (with sub-link 'Tasks for Drupal core office hours'), Drupal.org site maintainer's guide, Novice code contribution guide, Google Code-In, Google Summer of Code, rsync Drupal CVS repositories, and Events.

drupal.org/core-office-hours

Nobody cares about it

The screenshot shows the Drupal Planet homepage. At the top, there is a navigation bar with links for 'Get Started', 'Community', 'Documentation', 'Support', 'Download & Extend', 'Marketplace', and 'About'. The Drupal logo is prominently displayed on the left. Below the logo, there are links for 'Drupal Homepage', 'Your Dashboard', and user information: 'Logged in as Gábor Hojtsy | Log out | Admin'. A search bar is located on the right, with the text 'Search drupal.org' and a 'Search' button. Below the search bar, there is a 'Refine your search' dropdown menu.

Planet Drupal

[View](#) [Categorize](#) [Configure](#)

Creating Responsive & Mobile First Drupal Themes

Posted by [Development Geeks](#) on *March 16, 2012 at 12:07pm*

The thumbnail image features the text 'Creating RESPONSIVE & MOBILE first Drupal Themes' in a stylized, colorful font. The word 'RESPONSIVE' is in orange, '&' is in white, 'MOBILE' is in green, and 'first' is in white. Below it, 'Drupal Themes' is written in a smaller, light blue font. The background is dark with some faint, illegible text.

This is a stub for my [upcoming presentation at DrupalCon Denver](#). On Thursday, March 22nd, this node will be updated with the presentation slides. Look forward to seeing you all in Denver!!

Responsive Web Design is all the rage these days, and everyone wants a slice of the pie, regardless if it's for your own site refresh, or something you want to pitch to your next client. Responsive design has exploded in the past year, as can be easily evident by the number of large (and small) sites adopting responsive techniques to serve content to ALL devices at once using the same codebase.

This session will assume that you have a current understanding of what **responsive** and **mobile-first** are, and that you come to this session ready to learn EXACTLY how to incorporate these technologies now in your Drupal projects.

This session will guide you through the methods to actually **implement responsive, mobile-first themes in Drupal**, today... On your way out the door when this session ends, you'll be armed with the latest knowledge, tools, and inspiration to skip a time slot or two after the session, and start hacking away at your own responsive design!!

Session Outline

- Introduction

Drupal News

- Planet Drupal**
- Drupal Association

Planet Drupal aggregates broadly appealing, Drupal-related blog posts pertaining to the community at large (code, advocacy, marketing, infrastructure etc.). If you would like your blog to be included in the Planet, read [the requirements and steps on how to join](#).

Collecting posts from the following 467 sources:

- [10jumps Blog \(feed\)](#)
- [11heavens \(feed\)](#)
- [2bits \(feed\)](#)
- [3281d Consulting \(feed\)](#)
- [Aaron Winborn \(feed\)](#)
- [Achieve Internet \(feed\)](#)
- [Acquia \(feed\)](#)
- [ActiveLAMP \(feed\)](#)
- [Adam Light \(feed\)](#)
- [Adaptivethemes \(feed\)](#)
- [Addison Berry \(feed\)](#)
- [AduB \(feed\)](#)
- [Advantage Labs \(feed\)](#)
- [Advomatic \(feed\)](#)

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

Commit

Issue

D8MI

Commit

Issue

Issue

Issue

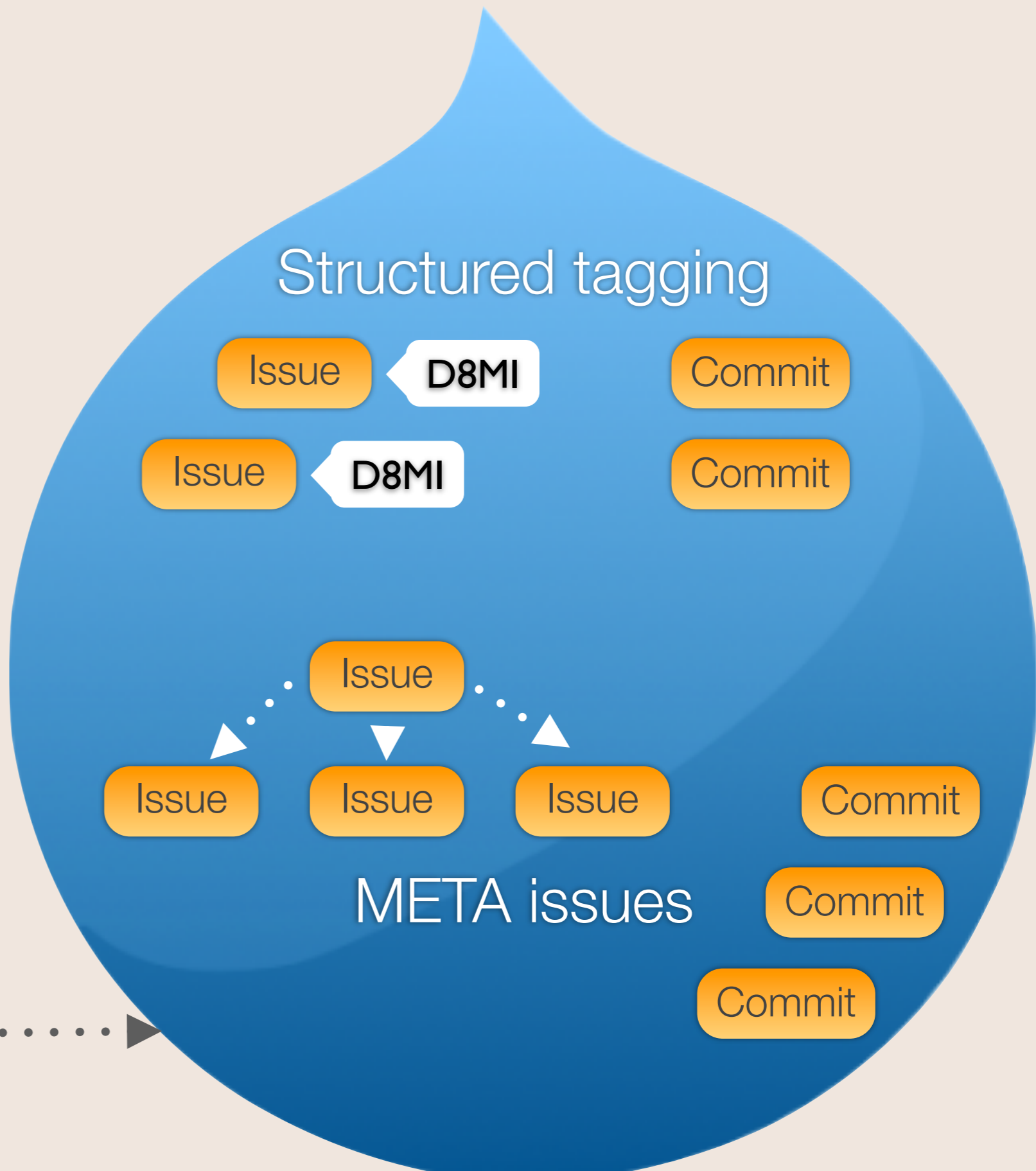
Issue

Commit

META issues

Commit

Commit





**OMG! RTBC! I'm
FREEE!**

Party Pooper Cat

STRIKES AGAIN

Not so fast!

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!