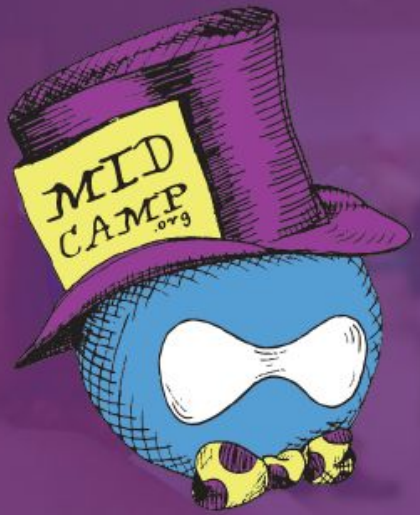


First Time Contributors Workshop

Matthew Radcliffe
Contribution Mentor
Drupal Project
Slack: mradcliffe

Let’s collaborate on Slack:

midcamp.slack.com
#contributions

drupal.org/chat
#first-contribution

First Time Contributors Workshop

Matthew Radcliffe & others

slack: mradcliffe
d.o.: mradcliffe
languages: English , 日本語

Link to slide deck:

bit.ly/midcamp24ftcw

Dynamics of the Mentored Contribution

- Find a table / join a team
- Find something to work on (an issue, etc)
- If an issue, update issue
- Decide what everyone will do
- Keep issue updated
- After event is over, keep contributing!

Agenda

- Why contribute
- Benefits of contributing
- Types of Contributions
- Initiatives
- Issue queue 101 / etiquette
- Merge Requests
- Tooling and documentation

Who are you?

- New to the world of Drupal
- “I’ve been around forever but never done any contrib”
- Looking for new ways to help out
- Have not worked with the new process
- Basically anyone!

Why contribute?

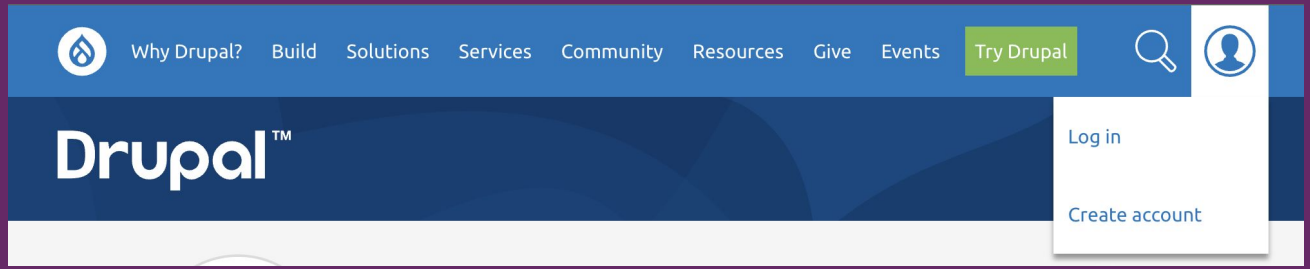
- If you depend on open source, open source depends on you
- Your contributions are valued
- Contributing makes you a more integrated part of the Drupal community

Why agencies should contribute?

- Drupal depends on sharing
- Good corporate citizenship
- Talent recruitment
- People love the community and attending events

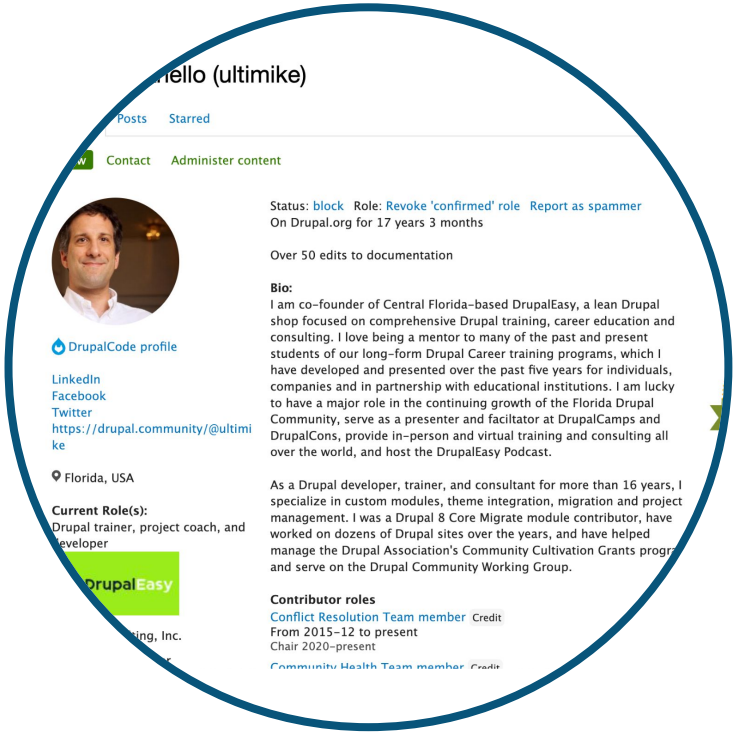
Create an account to contribute

https://www.drupal.org/user/register



Drupal.org profile

- Name/User name
- Work
- Profile pic
- Social Links
- Mentors



You can still contribute without coding

You can be a huge asset to the project without ever writing any code

Types of contributions

Community

- Improve documentation
- Issue triage
- Translations
- Review content
- Marketing
- Event organization
- Sharing knowledge / Mentor

Types of contributions, cont.

Code

- Test experimental features
- Creating merge request (code)
- Test existing Merge Requests on issues (eg. with DrupalPod)
- Provide feedback

Documentation

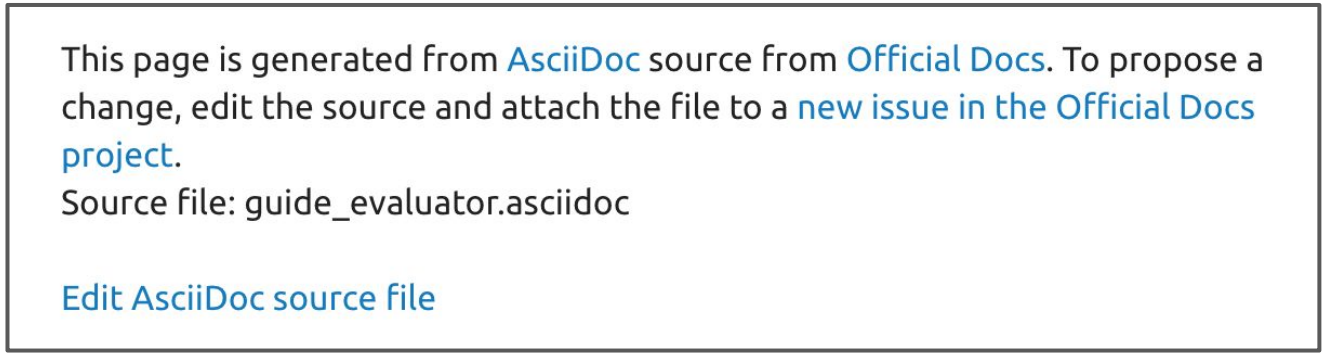
drupal.org/documentation

Drupal Documentation Guides

Official

Official guides are governed by maintainers and held to an established standard through an editorial process.

Editing Curated Guides



Changes via Issue Queue as changes to asciidoc files.

Drupal Documentation Guides

Community

Community documentation can be freely edited by any member of the Drupal community. It is not subject to any formal editorial process.

Editing Community Documentation

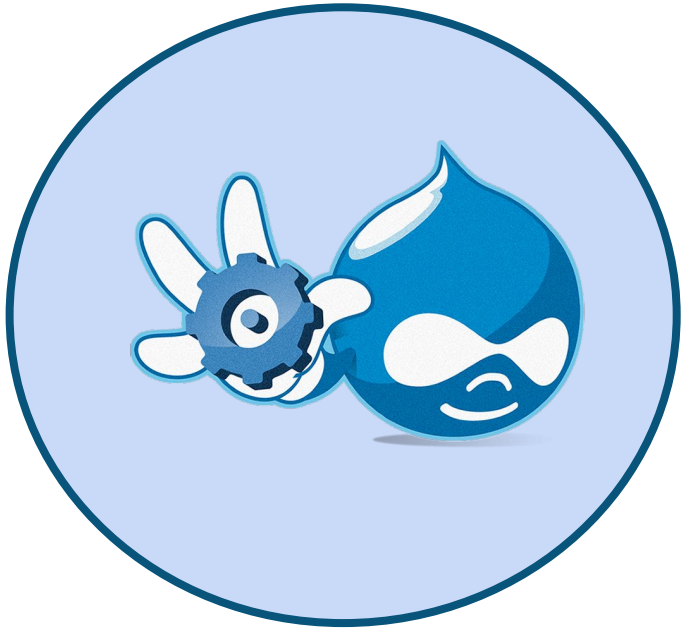
Changes via edits to the page itself as revisions, with justification for changes provided.

Drupal Documentation Guides

Contributor

Various guides and guidelines on using Drupal.org tools and services.

Drupal Documentation Guides



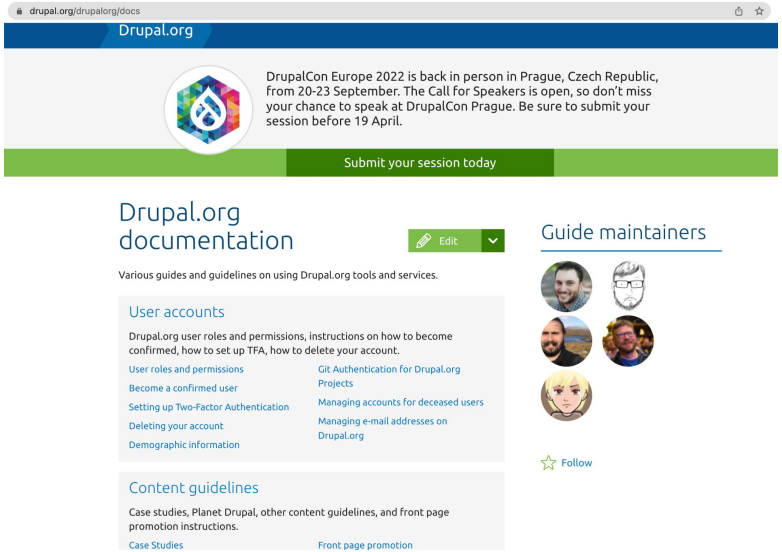
Contrib

Documentation for contributed modules for Drupal 8 and later versions.

Drupal.org documentation

Various guides and guidelines on using Drupal.org tools and services.

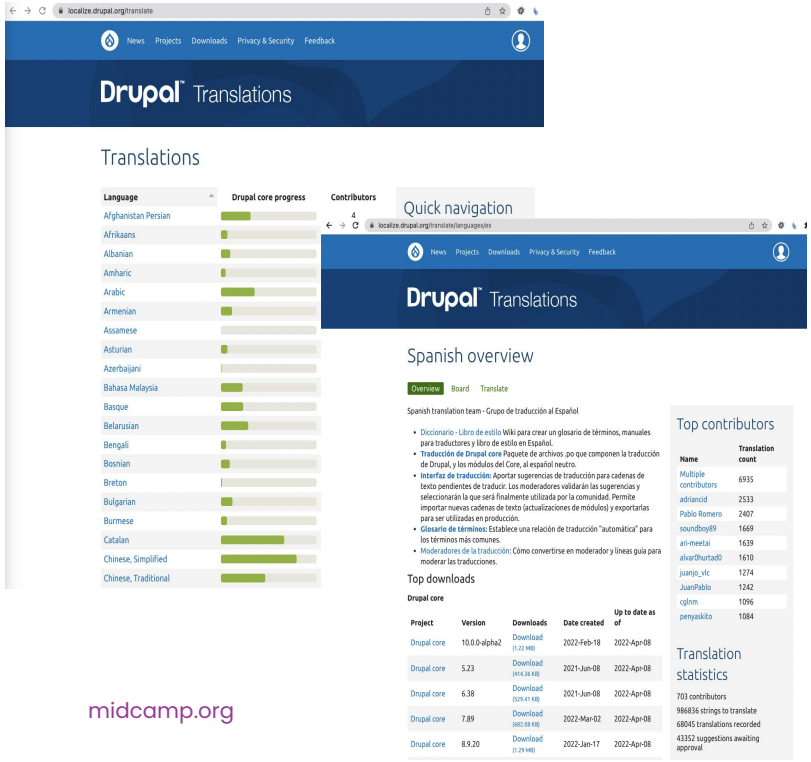
- User accounts
- Content guidelines
- Marketplace guidelines
- Moderation and maintenance
- GitLab Integration
- etc



Translations / i18n

localize.drupal.org

Translations / i18n



- Join a Team
- Read up on documentation

Roles:

- Translate user interface text
- Review a translation
- Translator
- Translation moderator

Marketing
/community/promote-drupal

Drupal Ambassadors

Promote Drupal in your networks:

- Sharing articles on social media
- Resharing other's articles
- Talking about Drupal at tech events outside of Drupal

Promote Drupal

- Presentations
- Social Media
- Photography
- Logos

Marketing Role and Tasks

- Project lead
- Writer
- Designer
- Videographer
- Communicator or other marketing role
- Drupal Recording Initiative

Drupal Recording Initiative

- Training and mentorship
- Expanded coverage
- Improved documentation
- Higher recording success rate
- Streamlined funding
- Overall organization
- Content discoverability

Issue Queue
Contributing Back to Code

Core vs. Contrib

Extending Drupal

- Distributions
- Themes
- Recipes
- Modules

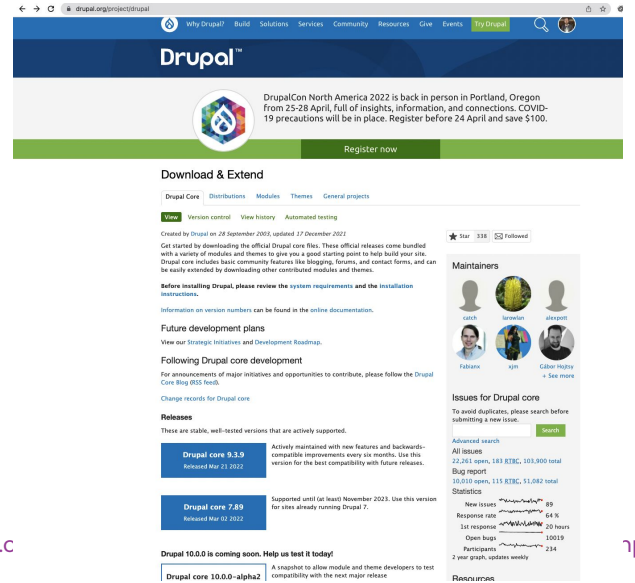
Start small and work your way up

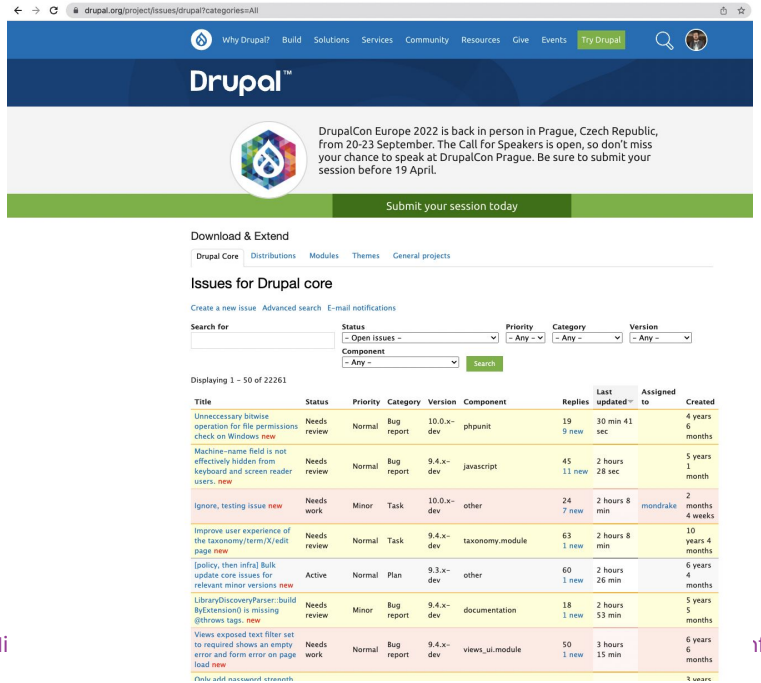
- Report an issue
- Update issues
- Triage issues
- Create Merge Requests
- Provide feedback
- Testing

Issue Queue 101

Drupal Core Issue Queue

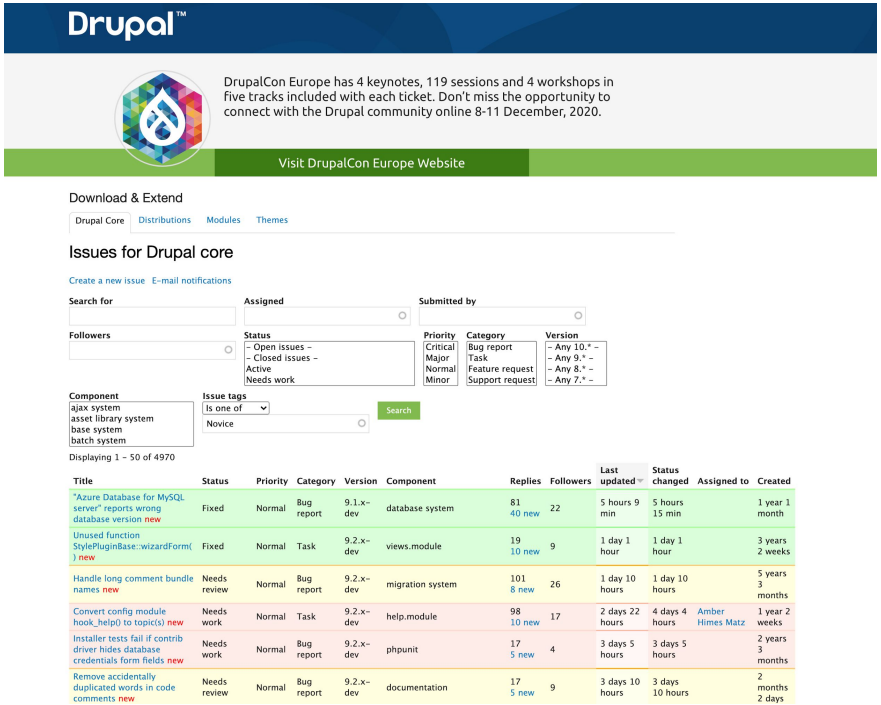
drupal.org/project/issues/drupal



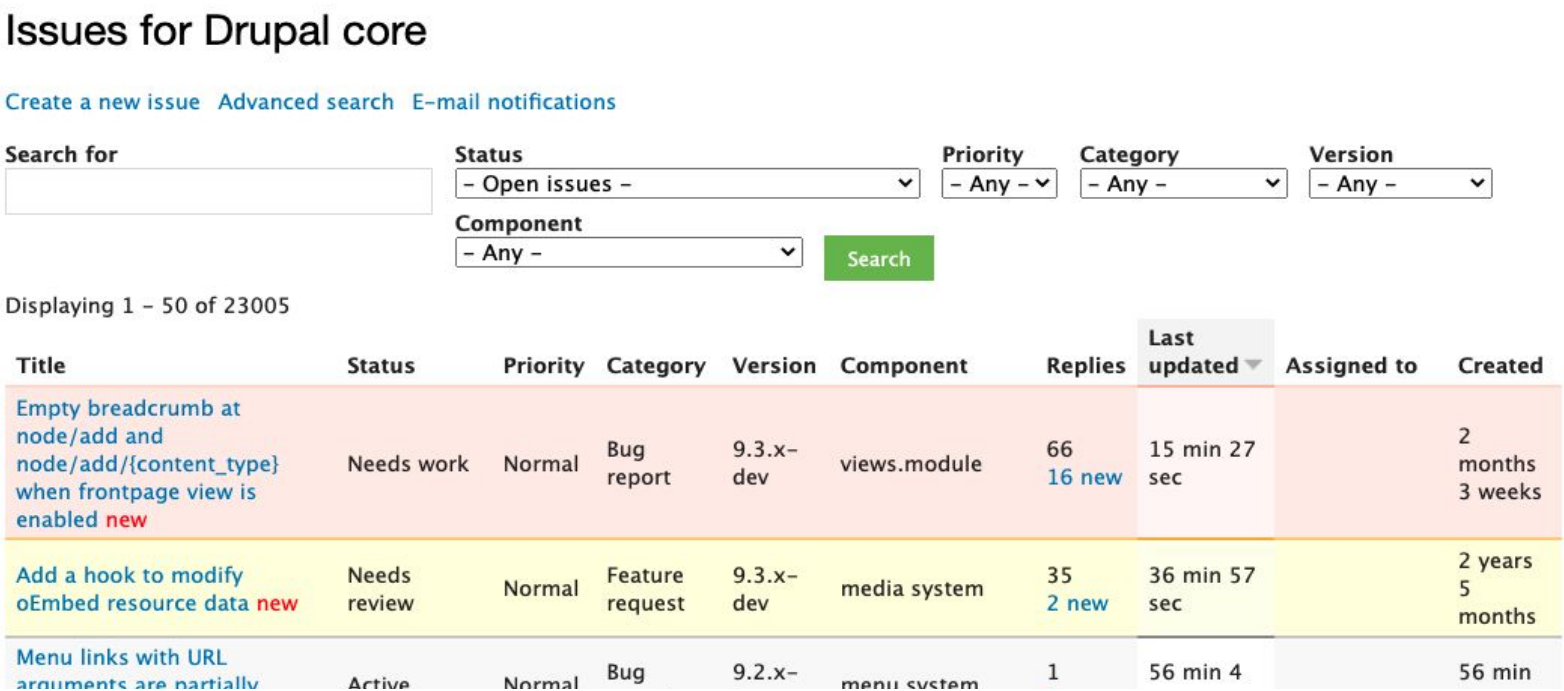


Drupal Core Issue Queue

bit.ly/drupal-novice



The Drupal Issue Queue



Issues for Drupal core

Create a new issue Advanced search E-mail notifications

Search for

Status – Open issues –

Priority – Any –

Category – Any –

Version – Any –

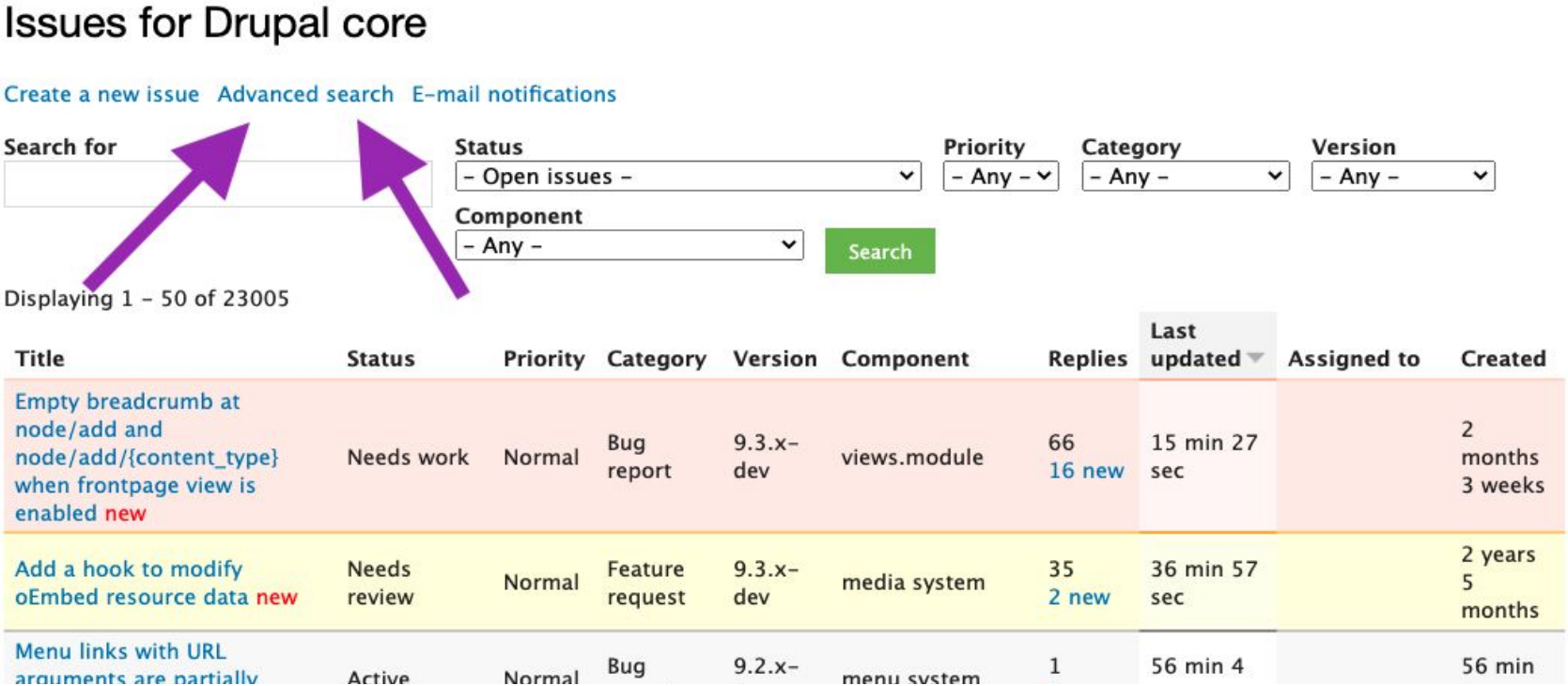
Component – Any –

Search

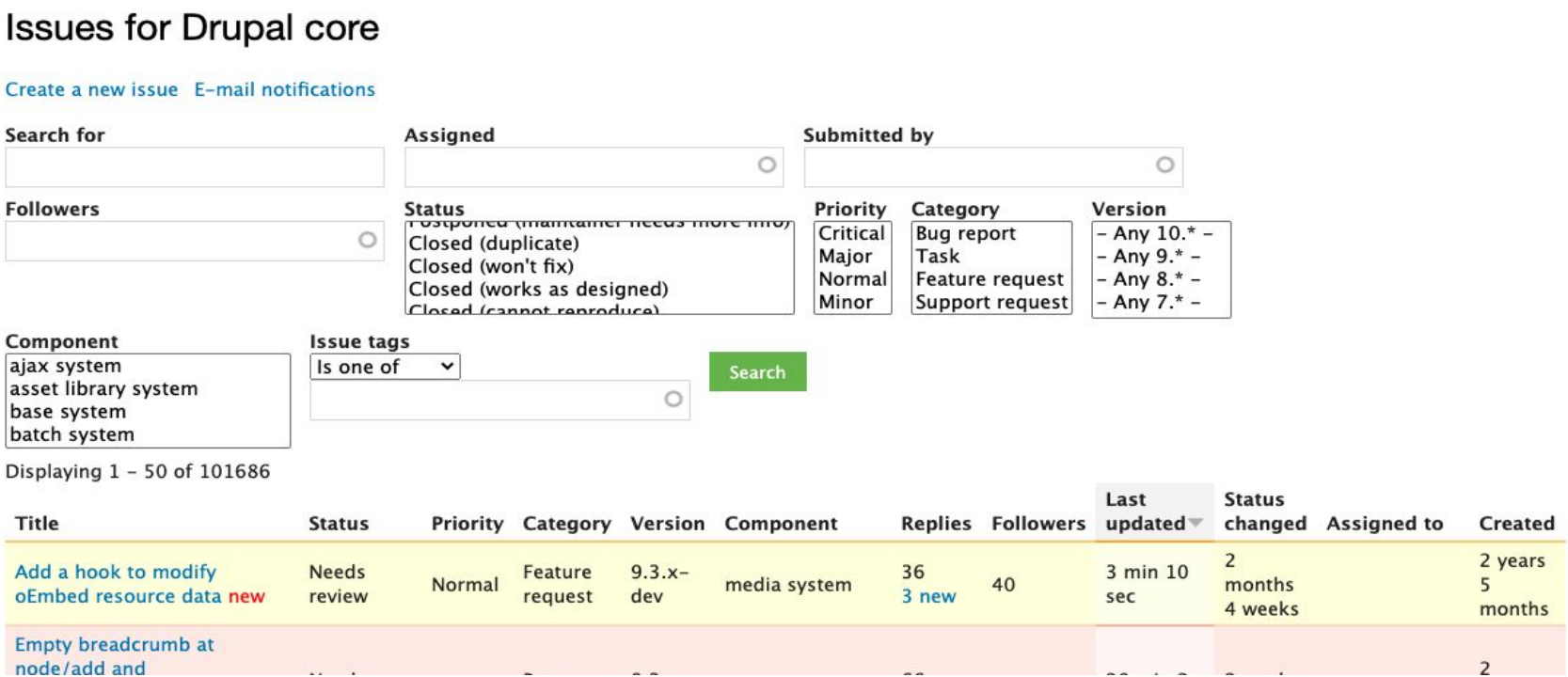
Displaying 1 – 50 of 23005

Title	Status	Priority	Category	Version	Component	Replies	Last updated	Assigned to	Created
Empty breadcrumb at node/add and node/add/{content_type} when frontpage view is enabled new	Needs work	Normal	Bug report	9.3.x-dev	views.module	66 16 new	15 min 27 sec		2 months 3 weeks
Add a hook to modify oEmbed resource data new	Needs review	Normal	Feature request	9.3.x-dev	media system	35 2 new	36 min 57 sec		2 years 5 months
Menu links with URL arguments are partially	Active	Normal	Bug	9.2.x-	menu system	1	56 min 4		56 min

The Issue Queue - Advanced



The Issue Queue - Advanced



Issues for Drupal core

Create a new issue E-mail notifications

Search for | Assigned | Submitted by

Followers | Status | Priority | Category | Version

Status: Closed (duplicate), Closed (won't fix), Closed (works as designed), Closed (cannot reproduce)

Priority: Critical, Major, Normal, Minor

Category: Bug report, Task, Feature request, Support request

Version: - Any 10.* -, - Any 9.* -, - Any 8.* -, - Any 7.* -

Component: ajax system, asset library system, base system, batch system

Issue tags: Is one of

Search

Displaying 1 - 50 of 101686

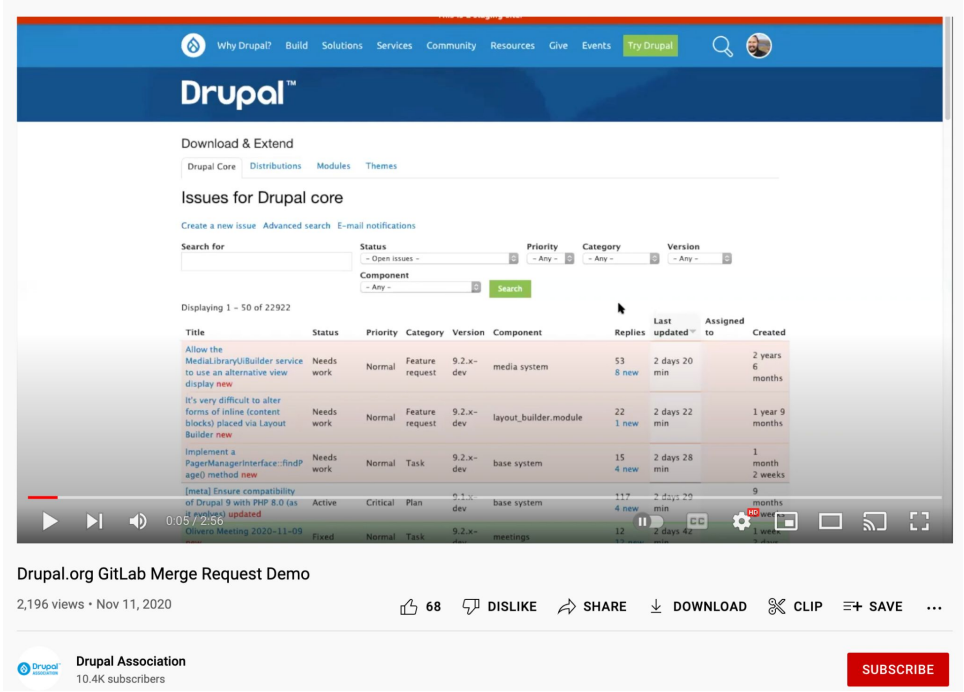
Title	Status	Priority	Category	Version	Component	Replies	Followers	Last updated	Status changed	Assigned to	Created
Add a hook to modify oEmbed resource data new	Needs review	Normal	Feature request	9.3.x-dev	media system	36 3 new	40	3 min 10 sec	2 months 4 weeks		2 years 5 months
Empty breadcrumb at node/add and											2

Issues for novices to steer clear of...

	Critical	Task	9.3.x-dev	base system	2 2 new	1 hour 41 min	1 hour 46 min
	Critical	Task	9.3.x-dev	base system	2 2 new	1 hour 53 min	1 hour 58 min
	Critical	Task	9.3.x-dev	base system	2 2 new	2 hours 1 min	2 hours 3 min
work	Major	Task	7.x-dev	base system	179 1 new	2 hours 14 min	9 years 2 months
	Normal	Task	9.3.x-dev	composer	16	2 hours 31	1 year 3 months
ned	Major	Feature request	9.3.x-dev	datetime.module	256 6 new	2 hours 55 min	5 years 9
	Normal	Bug report	9.3.x-dev	language system	26 5 new	3 hours 18 min	5 years 12 months
	Normal	Task	9.3.x-dev	Seven theme	25 4 new	3 hours 45 min	4 years 2 months
	Major	Bug report	8.9.x-dev	plugin system	120 3 new	3 hours 53 min	2 years 3 months

- Projects not actively maintained
- Multiple issues marked “won’t fix”
- Issues that are not current
- Issues with over 20 comments
- Issues that have changed status many times / a lot of discussion
- Critical vs Normal vs Minor

Merge Requests



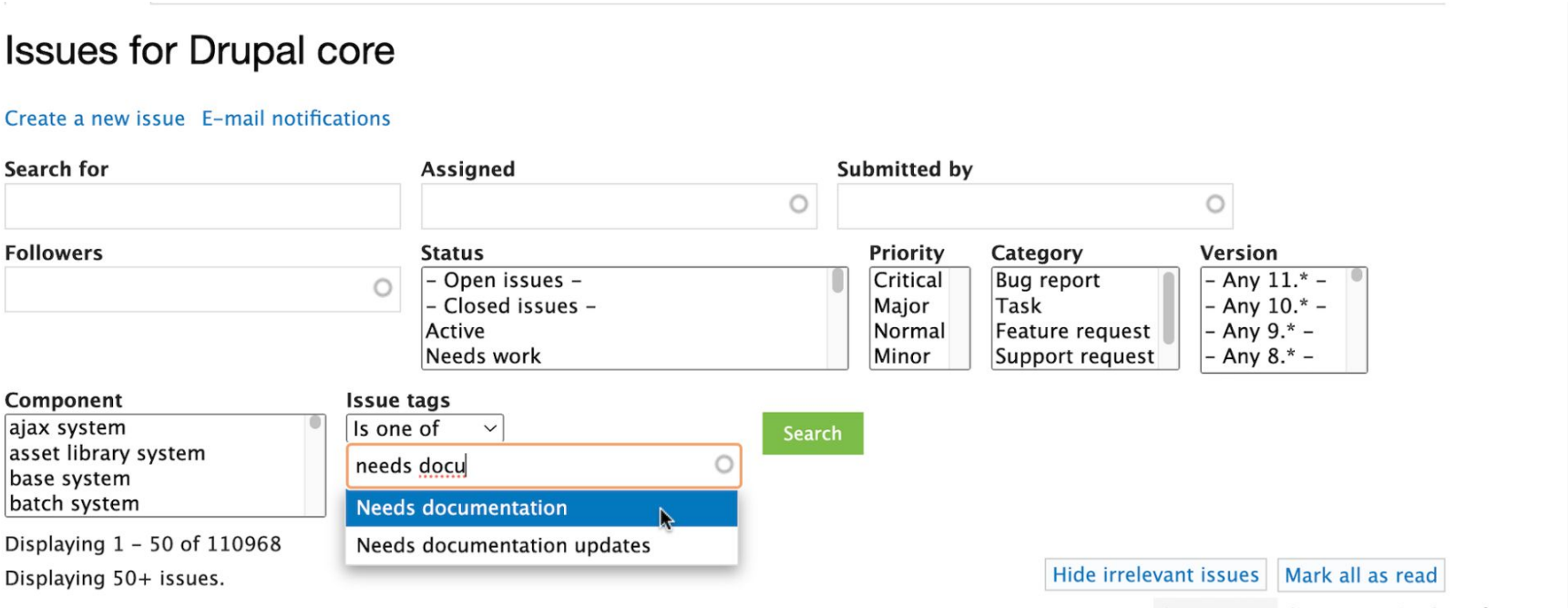
As of November 2020, we have a new workflow available, similar to what open-source contributors commonly use on sites like GitLab.

Anatomy of an Issue

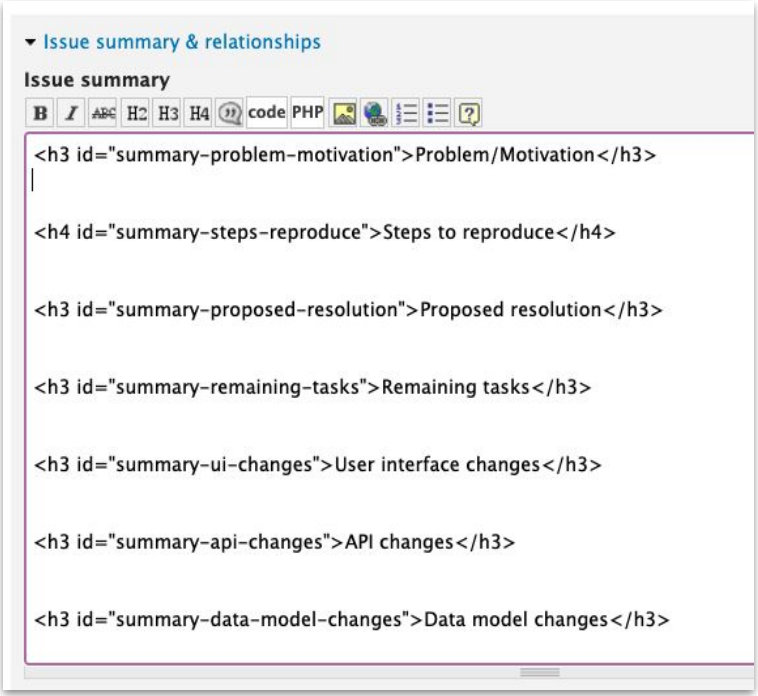
Necessary Metadata

- Title
- Category
- Priority
- Status
- Version
- Component
- Tags
- Assigned
- Summary

Necessary Metadata



Issue Summary



Summary template:

- Problem/motivation
- Steps to reproduce
- Proposed resolution
- Remaining tasks
- UI and API changes
- Data model changes

Special issue summary templates

Issue summary templates used in special situations:

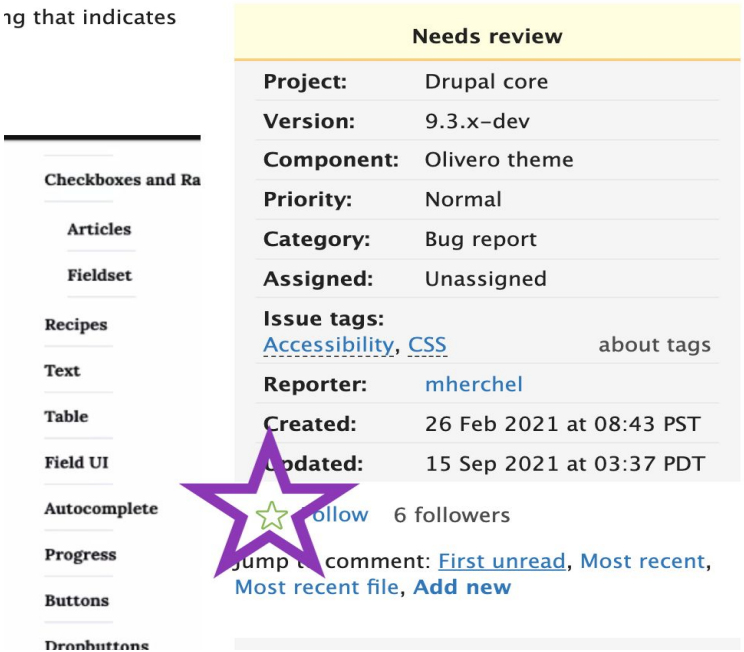
- Bare
- Documentation
- Initiative proposal
- Remaining tasks
- Visual Issues

Issue Summary - General guidelines

- You should be able to understand the issue and its current status
- Summary should use short, clear sentences
- It should use markup for better readability
- It should Identify the key points
- Include links to particular comments
- The UI and API changes sections can be left as "TBD"

Issue Queue Transparency

Issue Queue Transparency



Be kind to the folks who are following the issue and receive emails.

Issue Queue Transparency

midcamp.org

When to be transparent:

- If it's your first time doing something
- Why you're using a specific tag
- If the issue is being held for new contributors
- Who is helping with the issue
- Why you're assigning yourself

Issue Queue Etiquette

Issue Queue Etiquette

Things to do

- Report the issue in the correct project.
- Read any relevant documentation.
- Investigate if the issue already been fixed in the latest version.
- Try to get help from the community

Issue Queue Etiquette

Things to do

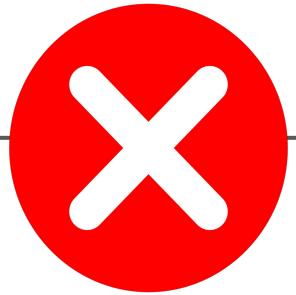
- Search the Issue Queue for the same or similar issues
- Provide as full of a description of the problem as possible
- Come back and report if a solution worked for you or not

Issue Queue Etiquette

Things to do

- When tagging utilize the autocomplete functionality.
- Follow the guidelines for when to assign an issue to yourself.
- Remember to leave novice issues for new contributors.

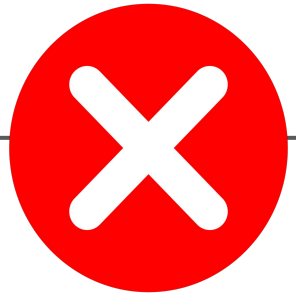
Issue Queue Etiquette



Things to AVOID

- **Don't:** Report a security problem in a regular Drupal issue
- **Don't:** "Hijack" other issues
- **Don't:** Mark an issue RTBC without testing
- **Don’t:** Don’t just change a .txt file to a .md file

Issue Queue Etiquette



Things to AVOID

- **Don't:** Change the status of an issue from "Fixed" to "Closed (fixed)"
- **Don’t:** Open an MR or upload a patch on a fixed/closed issue
- **Don't:** Create an empty fork

Use of AI

Development Tools

drupal.org/tools

Development Tools

- DrupalPod (what we will be using)
- Local development environment
  - DDEV, Lando, Docksal,
- Tugboat
- SimplyTest.me

DrupalPod

- Download the DrupalPod browser extension - Chrome or Firefox
- Go to any issue page on Drupal.org (core, module, or theme)
- Select the DrupalPod extension
- (Optional) Choose a patch / issue fork / branch

Note: You will need a github account

Forking and Merge Requests

- Create issue fork - Creates whole new fork of project
- Create a branch on fork - [Issue#]-[Short-Description]
- Make changes and commit with meaningful message
- Open Merge Request
- If everything passes, branch in fork is merged into project

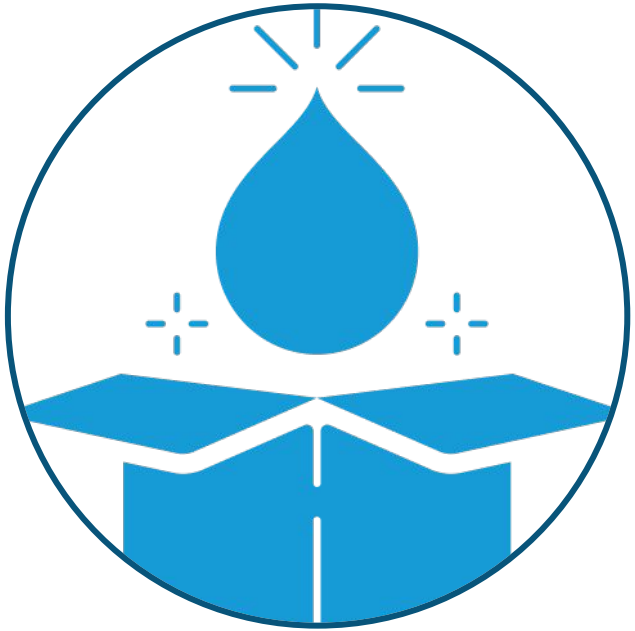
Drupal Strategic Initiatives

/about/core/strategic-initiatives

Automated Updates

The goal of the **Automatic Updates** Initiative is to provide safe, secure automatic updates for Drupal sites.

Easy out of the Box



The goal of **Easy out of the Box** is to attract new and novice users to Drupal by improving the editorial experience from the moment Drupal is installed.

GitLab Acceleration

The goal of the **GitLab Acceleration** is to make contribution to Drupal more accessible to new developers who are more familiar with contribution to other projects.

Next Generation Page Builder

The goal of the Next Generation Page Builder is to...

Project Browser

The goal of **Project Browser** is to make it easier to find and install modules for people that are new to Drupal.

Recipes, Starter Kits, Distributions

The goal of **Recipes, Starter Kits, Distributions** is to make it easier for site builders to build the kind of web application.

MidCamp Contribution Initiatives

midcamp.org/2024/schedule/contrib

MidCamp Contribution Initiatives

- Group module merge request review
  - Jane Irwin
- API Client
  - Brian Perry
- Recipes
  - Mark Casias
- Search Web Components
  - Kyle Eineker

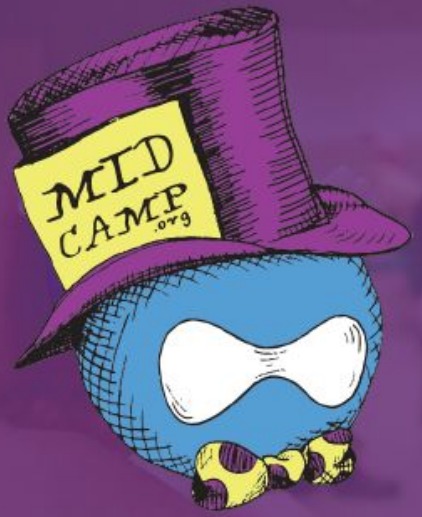
Contribution Videos
bit.ly/drupal-contribute

Video playlist

- Issue Forking & Merge Requests
- Documentation
- NonCode Contributions
- Code Contributions
- Development tools
- DrupalPod

Resources

- Issue queue etiquette
- Triaging issues
- Reporting issues
- Search the queue
- Issue summary field
- Extending Drupal
- Issue tags
- Metadata info



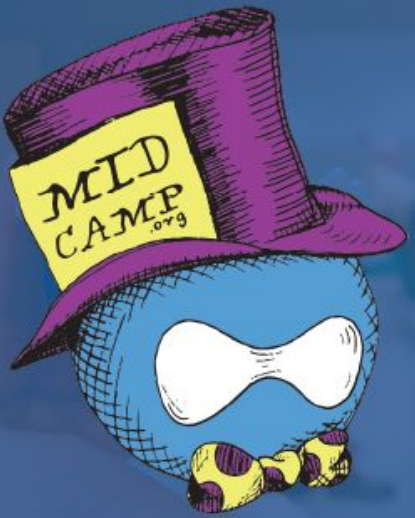
Your Next Steps

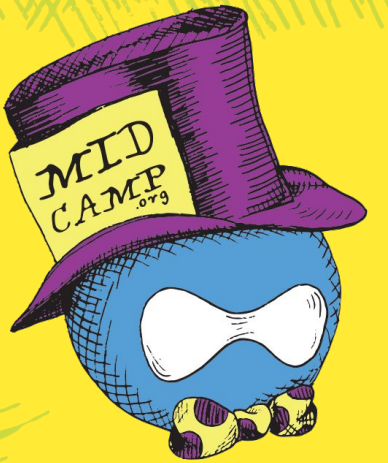
- Introduce yourself to the person next to you
- Setup for contribution you want to do
- Or ask a mentor for help

Matthew Radcliffe

Web Developer (Kosada)

Drupal Core Mentor (mradcliffe)



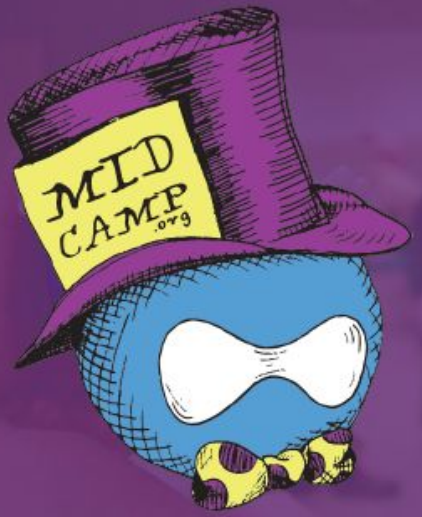


Drupal Coffee Exchange at MidCamp

Bring a bag of beans,
Leave with a bag of beans.

That's how it works.

MidCamp is in Chicago March 20-22



Your Next Steps

- Introduce yourself to the person next to you
- Setup for contribution you want to do
- Or ask a mentor for help