

It All Started With A Patch

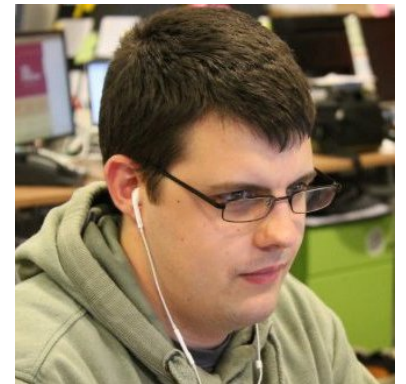
Getting into open source

A presentation by [Oliver Davies \(@opdavies\)](#)

<https://joind.in/talk/98504>

Oliver Davies

- Senior Developer at Appnovation Technologies
- Open source enthusiast
- Working with OSS full-time since 2010
- Drupal core contributor, mentor, module maintainer.
- One of over 3,800 contributors to Drupal 8 to date



Why Contribute to Open Source?

- Pay it forward

“There's a module for that.”

- Be part of a community

“If you work in open source you get thousands of extra colleagues”

- Be a better developer
- Better career prospects
- Recognition

Getting Started



Nick Craver ✓
@Nick_Craver

 Follow

Steps to OSS:

1. File an issue on something you care about
2. Help with input on other issues
3. Dive in the code
4. Offer a PR

#DevDiscuss

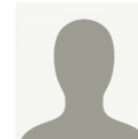
The Practical Dev @ThePracticalDev

What's a good strategy for contributing to your first open source project?
#DevDiscuss

Mentoring

- Assist new and inexperienced contributors.
- Mentored code sprints.
- IRC/Slack office hours.
- <https://www.drupal.org/core-mentoring>
- <https://php-mentoring.org>
- Google Summer of Code

My mentors:



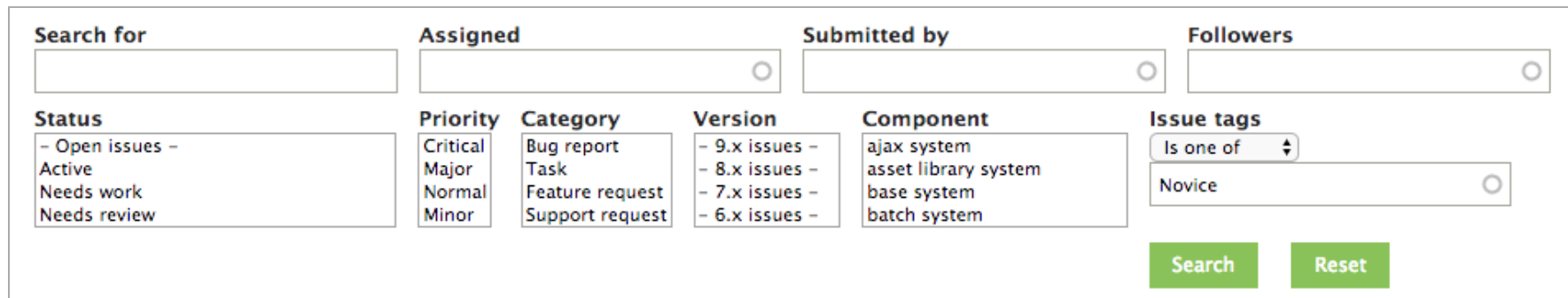
6 people list opdavies as a mentor

Types of Contribution

- Report/fix a bug
- Review an existing patch, help diagnose an issue
- Write a test
- Documentation updates
- Translations
- Test a new release
- Write a blog post, record a screencast

Finding Something to Work On

- Start with something small.
- *Novice* tag on Drupal.org.



The image shows a search interface for Drupal.org with the following elements:

- Search for:** An empty text input field.
- Assigned:** An empty text input field with a search icon.
- Submitted by:** An empty text input field with a search icon.
- Followers:** An empty text input field with a search icon.
- Status:** A dropdown menu with options: - Open issues -, Active, Needs work, Needs review.
- Priority:** A dropdown menu with options: Critical, Major, Normal, Minor.
- Category:** A dropdown menu with options: Bug report, Task, Feature request, Support request.
- Version:** A dropdown menu with options: - 9.x issues -, - 8.x issues -, - 7.x issues -, - 6.x issues -.
- Component:** A dropdown menu with options: ajax system, asset library system, base system, batch system.
- Issue tags:** A dropdown menu with a "Is one of" selector and a search icon, currently showing "Novice".
- Buttons:** "Search" and "Reset" buttons.

- *up-for-grabs* and *first-timers-only* tags on GitHub.
- <http://yourfirstpr.github.io>
- <http://www.firsttimersonly.com>

Making Changes

Patches

- One canonical version
- Clone the repository
- Make and commit changes locally
- Create a patch file (`git diff`, `git format-patch`)
- Patch uploaded to issue queue and reviewed

Pull Requests

- Multiple versions
- Fork the repository
- Make, commit, push changes
- Create PR
- PR is reviewed



 **hakimel** merged commit `981a8b9` into `hakimel:dev` 7 days ago

1 check passed

[View details](#)

[Revert](#)

Takeaways

- Reviewers and maintainers are not scary (honest!).
- People are reviewing the code, not reviewing you.
- Not all changes will be accepted.
- Be aware of different workflows, guidelines per project.
README, CONTRIBUTING.md files.
- Engage with the community.
- Contribute in person if possible (code sprints/hackathons).

Questions?

Feedback

<https://joind.in/talk/98504>