

Forum on Women in Tech

Jona Azizaj
FLOSS Advocate

Hands-on workshop on how to become
an open source contributor

Ahoj, my name is Jona :)



<about-me>

- Open Labs member and OSCAL co-organizer
- FLOSS advocate
- Fedora, LibreOffice, Nextcloud contributor
- RGSoC Alumna (2017), RGSoC mentor (2018) for Nextcloud
- GSoC mentor for Fedora
- Open Source Diversity founder
- Collaboran

</about-me>

What is open source?



Open-source software (OSS) is computer software with its source code made available with a license in which the copyright holder provides the rights to study, change, and distribute the software to anyone and for any purpose.

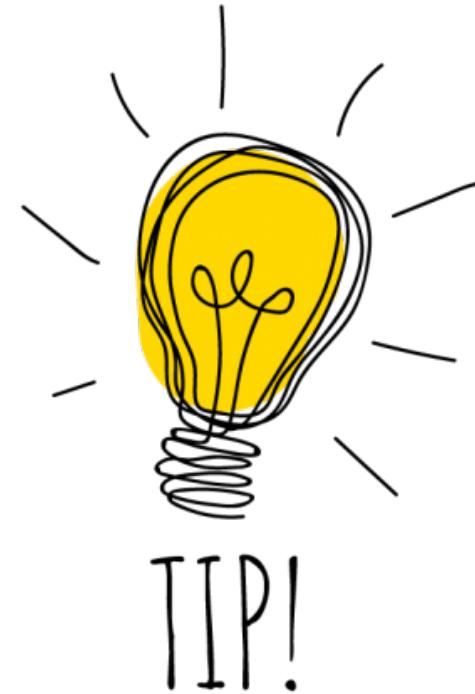
TL;DR



Why does it matter?



- Control.
- Training.
- Security.
- Stability.
- Community.





**Doesn't "open source" just mean
something is free of charge?**

This is a common misconception about what "open source" implies, and the concept's implications are not only economic.



Why should you contribute to OS?

- You'll have fun,
 - improve your skills,
 - build a profile that could help your career,
 - meet like-minded people,
 - find terrific mentors,
- and more.

What does it mean to contribute?

- If you're a new open source contributor, the process can be intimidating.
- How do you find the right project? What if you don't know how to code? What if something goes wrong?



Not to worry! There are all sorts of ways to get involved with an open source project, and a few tips will help you get the most out of your experience.



Seriously, [documentation] is mega-important. The documentation so far has been great and has been a killer feature of Babel. There are sections that could certainly use some work and even the addition of a paragraph here or there is extremely appreciated.



Ways to contribute to OSS

What skills do you need and which projects should you participate in as beginner in open source?



Do you like to code?

- + Find an open issue to tackle
- + Ask if you can help write a new feature
- + Automate project setup
- + Improve tooling and testing



10 ways to contribute to an open source project without writing code

First, there are two things to remember about open source projects:

- + Open source is not only about sharing in the sense of "throwing code over the wall for others"; it's also about contributing back.
- + Open source is a meritocracy. When you start working on a project for the first time and no one knows who you are, it's important to communicate.

- Provide reports
- Create feature requests
- Test the code
- Write documentation
- Translate the user interface and documentation
- Answer questions users have on the forums and mailing lists
- Help design the user interface, logo, and website
- Promote the project
- Provide hardware
- Thank the community



Get paid to contribute to Open Source



Google Summer of Code

The Google Summer of Code is an international annual program in which Google awards stipends, which depends on the purchasing power parity of the country the student's university belongs to, to all students who successfully complete a requested free and open-source software coding project during the summer.



Google
Summer of Code

Outreachy

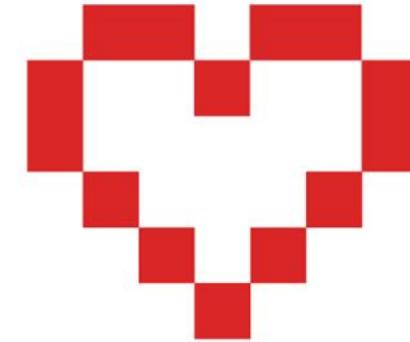
Outreachy provides three-month internships for people from groups traditionally underrepresented in tech. Interns are paid a stipend of \$5,500 and have a \$500 travel stipend available to them. Interns work remotely with mentors from Free and Open Source Software (FOSS) communities on projects ranging from programming, user experience, documentation, illustration and graphical design, to data science.



Rails Girls Summer of Code

Rails Girls Summer of Code is an award-winning global fellowship program aimed at bringing more diversity into Open Source. The focus is on advanced beginners who want to go into programming full-time.

Successful applicants are paid a monthly stipend, from July to September, to work on a worthwhile Open Source project. Working in two-person teams, students are supported by a mentor directly involved with the Open Source project, as well as independent coaches with extensive developer experience.



Let's start contributing to Open Source

- Communication Platforms
 - IRC
 - Mailing Lists
 - Etc.
- Git: version control system for tracking changes in computer files and coordinating work on those files among multiple people.





Open Source Diversity

For more diversity & inclusion in free & open source software communities 😊

Basics

First steps to help make your open source project more friendly and inclusive



Contributor Covenant

A Code of Conduct for Open Source Projects.



Your First PR

Helps you get started contributing to Open Source by showcasing great starter issues on GitHub and elsewhere.



Up For Grabs

A list of projects which have curated tasks specifically for new contributors. These are a great way to get started with a project.

What happens after you submit a contribution?

You did it! Congratulations on becoming an open source contributor. We hope it's the first of many.



After you submit a contribution, one of the following will happen:

-  You don't get a response.
-  Someone requests changes to your contribution.
-  Your contribution doesn't get accepted.
-  Your contribution gets accepted.

Hooray! You've successfully made an open source contribution!

You did it!



Whether you just made your first open source contribution, or you're looking for new ways to contribute, we hope you're inspired to take action. Even if your contribution wasn't accepted, don't forget to say thanks when a maintainer put effort into helping you. Open source is made by people like you: one issue, pull request, comment, or high-five at a time.

Děkuji!

Contact me:

jona@azizaj.com

