

Open Source Contribution 101

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What's the big
deal about OSS
and how to get
started with it?

[W.H.A.T.]

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O.S.S

- Open source software is software with source code that anyone can inspect, modify, and enhance.
 - They are hosted in public repositories benefit from *contributions made by the broader developer community.*
 - Open source licenses affect the way people can use, study, modify, and distribute software.
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Doesn't "open
source" just mean
something is free
of charge?

[Getting started]



What are “contributions”

- Improving the documentation.
 - Reporting bugs/issues.
 - Designing logo/ design assets.
 - Translating.
 - Testing.
 - Creating feature requests.
 - Coding.
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Choosing a project

- Improve the software you rely on.
 - Improve existing skills.
 - Finding mentors.
 - Interesting domains.
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[How to]



1. Finding a project

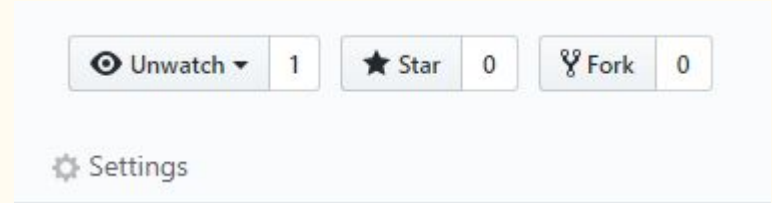
1. Just typing **label:beginner**, **label:easy**, **label:starter** or **label:first-timers-only** into the search bar on GitHub will bring up issues that the project's developers consider appropriate for beginner programmers.
2. You could also search for labels like **label:hacktoberfest**, **label:hacktoberfest2019** to find projects that are participating in the Hacktoberfest.

Or resources like:

- Open Source Friday
- First Timers Only
- CodeTriage
- 24 Pull Requests
- Up For Grabs
- Contributor-ninja
- First Contributions
- SourceSort

2. Fork the project (a.k.a make a copy)

1. The second step is to fork the repository.
To do that, click on the Fork button in the top right corner of the project's GitHub page.
2. You now have your personal copy of the project that you can edit without changing anyone else's work.



3. Next steps ..

1. Next step is to clone the repo or download the copy to your machine.
2. Create a new branch.
3. Make the changes.
4. Commit the changes.
5. Push your changes to your remote repository.
6. Create a Pull Request to the main repo.
7. Be patient and expect changes.

Conclusion

The best way to improve your skills is by contributing to open source projects. You did it! Now you have the skills to contribute to open source projects across the web. Congratulations!

Thanks!

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