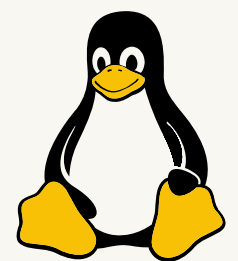


How to start contributing to Open Source?



What is Open Source, Benefits of Open Source, How to start, Websites to refer to, Bonus Tips, What If you get stuck, List of Must-Try contests!

OpenSource Contribution

What is Open Source?

Open Source refers to any software whose source code is made available for use and modification.

Anyone can contribute to that source code by resolving some bugs or adding a new feature.

Examples — Chromium, VSCode, Ubuntu, Firefox, VLC Media Player, etc.

OpenSource Contribution

Benefits of Open Source?

- Improves your programming skills
- Get insight of actually how the code is written at an industrial level.
- Your network increases, as you work with different people from different places.
- Learn the process of software engineering.
- You create a code that benefits the community!



OpenSource Contribution

How to start?

- You should be familiar with any one **programming language**, it can be C, C++, Java, Python, Javascript, Ruby, etc.
- Next, you should learn **Version Control** i.e **Git** (basic git commands like git clone, git branch, git commit, git pull, git push), then learn to operate **GitHub** (creating an issue and pull request)
- Now, Pick a **beginner-friendly project** before you dive into a big project.
- **Websites** to refer for choosing your first project:
 - [Up For Grabs](#)
 - [MunGell/awesome-for-beginners](#)
 - [Code Triage](#)

OpenSource Contribution

Bonus Tips:

- Try to pick up easy issues in the starting.
- You can **select the label**, according to your **difficulty**. For easy issues, the labels widely used are **beginner-friendly**, **good first issue**, **easy**, **newcomers**, etc.
- Choose the project which is of your domain or interest.
- If the issue is of medium or high level, and it requires some research work so it may take up to one month also. But don't give up, try to solve the issue.

OpenSource Contribution

If you get stuck:

- if you are stuck and you are not able to understand how to solve the issue then what to do-
 - Feel free to ask on the issue thread on **GitHub**, that how can I proceed?
 - If you have a solution you can even discuss in the **issue thread** about that.
 - Also, join the **community channel** of your organization(it can be on **Gitter**, **IRC**, **Slack**, **Discord**, **Hangouts**, etc.) and ask your doubts on that channel.
 - ****Try not to ping someone personally** unless it is very much important.

OpenSource Contribution

Must TRY:

- Do participate in different Open Source programs like **Google Summer of Code**, **Outreachy**, etc.
- Here is the **list of different Open Source programs** —
 - <https://github.com/tapaswenipathak/Open-Source-Programs>

