

Creating a FOSS Study Group



at USP

FLUSP: FLOSS at USP

- Graduate and undergraduate students with a goal of contributing to FLOSS projects
- Linux, GCC, Git, etc.
- <https://flusp.ime.usp.br>
 - Meeting schedule
 - Telegram, Mailing list, etc.
 - Tutorials



FLUSP's goals

- Contributing to FLOSS projects
 - Learn with successful codes
 - Interact with communities
- Sharing knowledge
- Opportunities
 - GSoC/Outreachy
 - Jobs/internships
- Have fun!



FLUSP's values

- Freedom of code and knowledge
- Horizontal organization
- Mutual sharing of knowledge
- Passing the baton
- Do-ocracy
- Review is as much important as development

What do we do?

Periodic Meetings

We gather weekly to:

- Code for FLOSS projects
- Exchange experience/knowhow (passing the baton)
- Review patches
- Motivate newcomers to engage in free software projects
- Standup meetings
- Pair programming

Install Fest



Promote guest talks



João Moreira
Toolchain Engineer at SUSE Labs
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CCSL
FLOSS Community

Workshops



Collaborations



Why is it good?

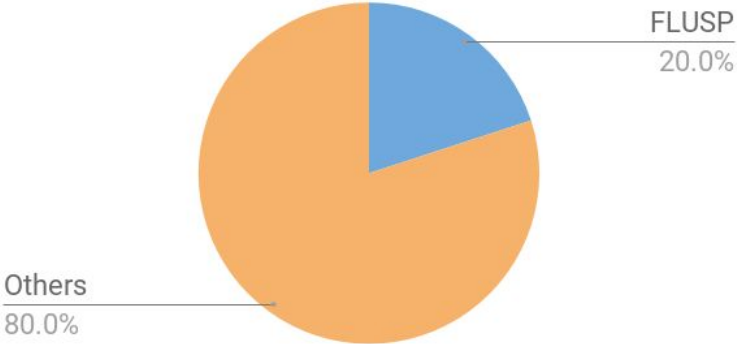
Help for beginners

- Introductory material on the website
- Communication channels (e-mail, IRC, Telegram, Facebook)
- Mentorship
- Pair programming
- Internal revision

Motivation to keep contributing

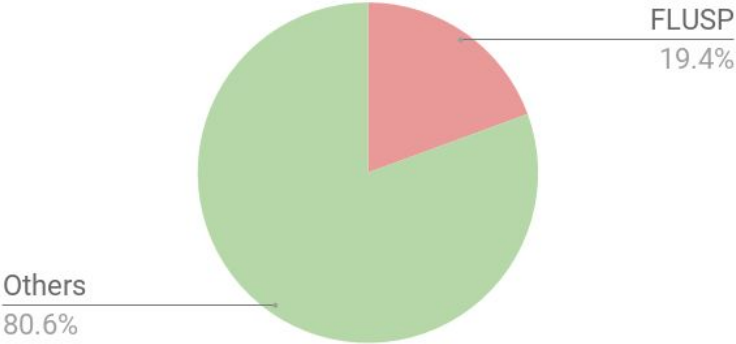
Contributions to linux-iiio

(from 2019-02-13 to 2019-04-02)



Contributions to linux-iiio

(from 2018-10-03 to 2018-11-17)



Help students get accepted in outstanding projects



Infrastructure for applications and projects



Hardware donated to the group (sensors and bootable boards)

Network of contributors & friends



at UNICAMP



COLLABORA

Creating a FOSS study group at my University

André Almeida (tony)
Linux Kernel Developer

Open First



COLLABORA

LivreCamp

LivreCamp

- ★ 2016 † 2018
- Created to promote Free Software at Unicamp
- Install fests, talks, workshops, “Livre Game Jam:
- Discontinued:
 - Events too diffuse
 - No routine





COLLABORA

Enigma

Enigma

- Our goals:
 - Learn about security and do some hacking experiments
 - Spread knowledge about surveillance and privacy
 - Create a friendly and open environment
- Weekly seminar by students, with theoretical introduction and practical activities
 - Symmetric/Asymmetric encryption, Tor, OpenSSL, Metasploit, Reverse Engineer
 - GNU/Linux install fest for first year students



Enigma



<https://enigma.ic.unicamp.br/>



COLLABORA

Open First



COLLABORA

LKCamp

LKCamp

- Linux Kernel Campinas
 - Linux kernel study group at Unicamp
 - Help people get involved in kernel development
- Created on March 2018 by two Collabora Engineers:
 - Helen Koike
 - Gabriel Krisman
- <https://lkcamp.gitlab.io/>



LKCamp: 3 Phases

- Hands-on since the first meeting!
- 1) 4 to 6 meetings introducing how kernel works and how to contribute to it
 - 2) Send more patches, solving TODO's, bugs or adding a feature/Lighting talks
 - 3) People become kernel developers and spread the kernel word



**How to create
a FOSS group?**

How to create a FOSS group

- Find people willing to join the FLOSS world
- Join a community (Debian, Kernel, Git, GCC, others)
- Ask for help (on how to contribute)
- Schedule a place and time convenient for organizers
- Be open-minded to other people's suggestions
- Respect the limits of the crew (and yours as well)

How to create a FOSS group

- Team up with professors
- Make free software development a part of college classes
- Make a commitment.
 - It's going to be a lot of work, but it's worth it!
- Establish some goal.
 - A calendar, tasks and people responsible for those tasks
- Give power to the people!
 - Share responsibilities and decision-making

How to create a FOSS group

- Do not be afraid of making mistakes and do not give up too soon
- Help and motivate one another
 - Review patches
 - Share materials
 - Study code together
 - Engage in pair programming
- Share what you've learned with others
 - Write your material, record videos, present speeches, etc.

So, what do you think?

Share your opinions with us!