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](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
Promove guest talks
Workshops
Collaborathons
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-iio
(from 2019-02-13 to 2019-04-02)

- FLUSP: 20.0%
- Others: 80.0%

Contributions to linux-iio
(from 2018-10-03 to 2018-11-17)

- FLUSP: 19.4%
- Others: 80.6%
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
Creating a FOSS study group at my University

André Almeida (tony)
Linux Kernel Developer
LivreCamp
LivreCamp

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