

The Free Software Philosophy

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5 December, 2011

Roadmap

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- 5 Freedom in other areas
- 6 Making money with Free Software

Who am I

- Brazilian! :)
- Computer Engineering -
University of Campinas
(UNICAMP)
- Librix distribution
- Imperial College Christian
Union



Why I prefer Free Software? (some reasons)

- better
- joining a community
- more efficient model of production
- philosophy

70's - 80's

- Increasing competition
- Increasing software industry
- Separation of hardware and software (bundled software is anticompetitive practice)
- 1980 - copyright law extended to computer programs



Richard Stallman

- Hacker at the MIT Artificial Intelligence Laboratory
- 1983 - GNU - "GNU is not unix"
- 1985 - Copyleft ☺
- 1980 - copyright law extended to computer programs



Linus Torvalds

- Kernel: the missing part

Linus Torvalds

- Kernel: the missing part

August 1991 - MINIX Forum

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I'm doing a (free) operating system (just a hobby, won't be big and professional like gnu) for 386(486) AT clones. This has been brewing since april, and is starting to get ready. I'd like any feedback on things people like/dislike in minix, as my OS resembles it somewhat (same physical layout of the file-system (due to practical reasons) among other things).
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- Controversies: Linus versus Stallman

Terms

Say it right!

- Free (Libre) *free as in free speech, not as in free beer*".
- Software Libre, FOSS, FLOSS
- GNU/Linux

Four Freedoms

What you must have in a free software?

Four Freedoms:

- Freedom 0: The freedom to run the program for any purpose.
- Freedom 1: The freedom to study how the program works, and change it to make it do what you wish.
- Freedom 2: The freedom to redistribute copies so you can help your neighbor.
- Freedom 3: The freedom to improve the program, and release your improvements (and modified versions in general) to the public, so that the whole community benefits.

Going legal

- Public Domain
- Permissive licenses
eg: BSD (copyfree)
- Copyleft
eg: GPL - Gnu Public License, Mozilla Public License

What make free software better than other softwares?

Linus's Law

Prologue by Linus - The Hacker Ethic and the Spirit of the Information Age (2001)

Every motivation that makes a man do something can be classified under "survival", "social life" and "entertainment.

Progress is defined as reaching a higher category: not doing a thing merely for survival, but for social reasons, and then, even better, just for fun.

Community

The power is yours!

- cooperation
- sharing experience and interests
- *"given enough eyeballs, all bugs are shallow"*
- friendships!



Freedom in other areas

- Music
eg: libre.fm, jamendo.com
- Books or Written Material
eg: Wikipedia, Lawrence Lessig
- Films
- Maps
eg: openstreetmap.org
- Open Hardware
- Academic Research...

New License: Creative Commons

How to make money using free software

- sells service, not code
- source code is available (trust in the quality)
- offer support or warranty
- **enable to use free software to do your work!**
- good examples:
RedHat, IBM, Canonical,
Trellon, Acquia, Profusion

