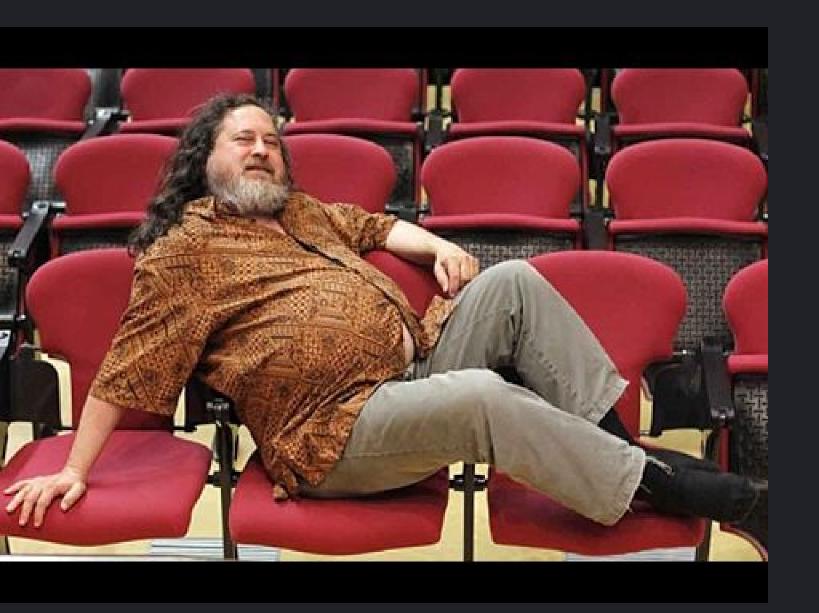# Stallman / Torvald

The heroes of free software

Richard Matthew Stallman

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- born : March 16, 1953
- American
- militant of FreeSoftware and freedom in general
- Writter of many essays on software freedom
- developper
- emphatic
- Philosophy's Doctor

The man

- 1971:
  - became programmer at MIT
  - Joined hacker community and discovered the hacker philosophy:
    - knowledge sharing
    - perfectionism
    - denial of authority
- 1974:
  - Graduated with honors in physics at Harvard
- Post graduation: full time programmer for MIT
- 1984: left MIT

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FREE SOFTWARE
FOUNDATION

GNU and the Free Software Fundation

- all software was free. just sell hardware

- 1983:

  - Create GNU (**G**NU is **N**ot **U**nix) project

- 1985 :

  - Publish GNU Manisfesto: Ideological base of the free software movement

- Popularization the concept of "copyleft".

License

GPL: **G**NU **P**ublic **L**icense

Copyleft : All right reversed
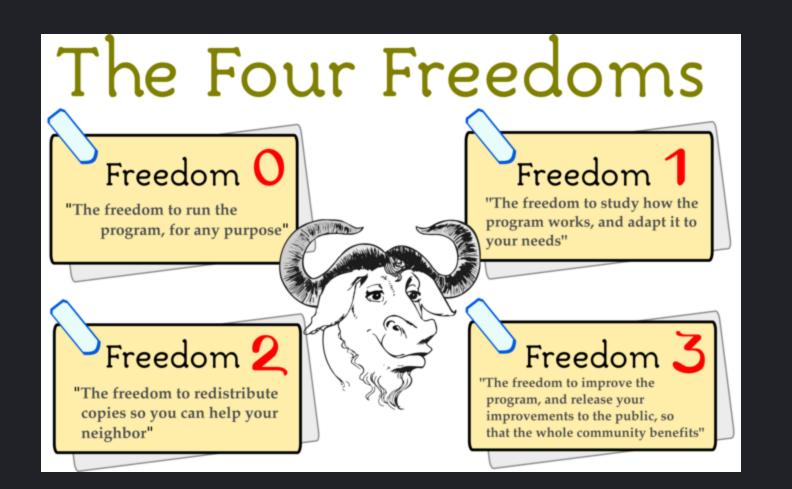
Copyright : All right reserved

The Movement

- Free software: "Hippie thinking" transfered to the IT development
- respects user freedom and community
- matter of liberty, not price

Just 3 little words

liberty, equality, fraternity

- liberty: Freedom, because the users are free
- equality: they alla have the same freedoms
- fraternity, we encourage everyone to cooperate in the community

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Just 4 rules

GPL (GNU Public License)

guarantee end users the four freedoms to run, study, share, and modify the software.
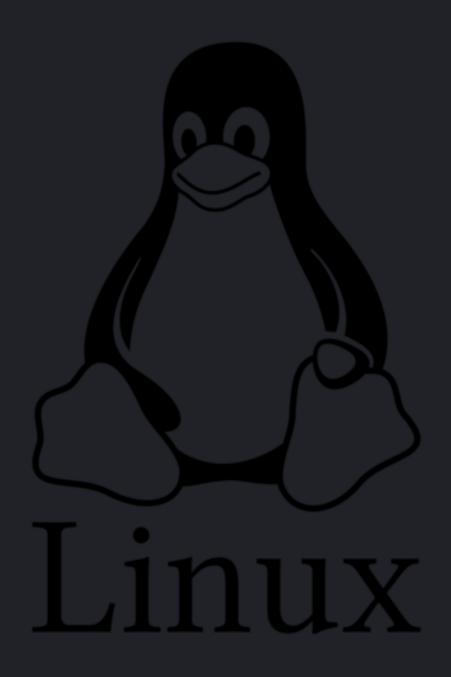
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Linus Torvalds

- born : Decembre 28, 1969
- Finnish
- militant of opensource
- Creator of Linux kernel
- Creator of Git
- Linux's Benevolent Dictator For Life
- Developper
- bad temper
- married with Tove Torvald, 3 daughters

The man

- 1988 – 1996: master degree in Computer science
- February 1997 – June 2003: Transmeta, California
- 2003 – now : Open-Source Development Lab – Beaverton, Oregon

Linux

- 5 January 1991: Unix-Like System -> Linux (FreaX)
- 1994: V1.0 of Linux Kernel
- Merged effort between GNU and Linux.
  - birth of GNU/Linux OS
- world's most widely used server OS and IOT OS

GIT

- Community reacted negatively against Bitkeeper, the proprietary versionning Management software
- 2005: Linux develop GIT
- Now : world's most widely used versioning software

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Thank You