Open science, open data and open education

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A story about limits

Jim Hines, 1968

New world record: 100m in 9,95s

Meanwhile…

1970s

- Distributed early versions of Unix at no cost to government and universities

- But no permission to redistribute or to distribute modified versions

A story about freedom

1980s

Hacking a Xerox
9700 printer

"People need to be able to freely modify the software they use"

Free Software Foundation (1985)

Free Software Foundation

1980s

Free refers to <u>freedom</u>.

Users are free to:
* Run the software
* Share it (copy, distribute)
* Study it
* Modify it

Open source initiative

1990s

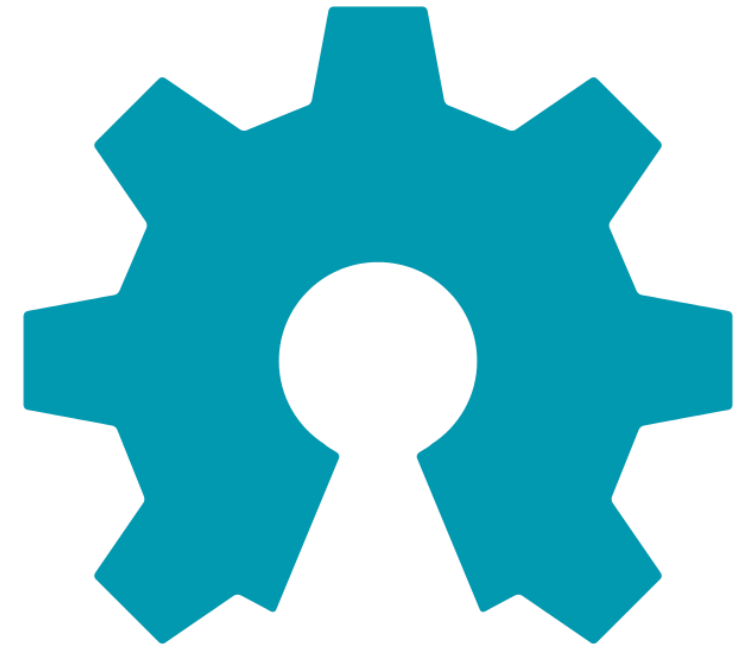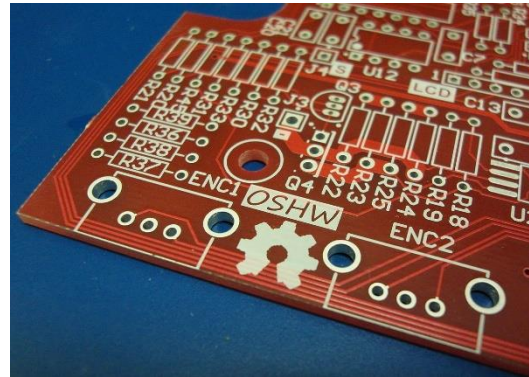The program must include the source code, and must allow distribution in source code or in compiled form.

Open hardware

1990s

Generalization

2000s

- Open-source model
- Open-source technology
- Open-source hardware
- Open-source governance
- Open-source architecture
- Open-source film
- Open Source ecology
- …

Guess what?

What about Algeria?

- Magazines
- Videos content
- Softwares
- Documents
- Statistics
- Blogs
- Photographies
- Events / workshops / courses
- Clubs and associations
- …

Some local examples

Open Data

Open Knowledge (Access)

Open Science

Open Education

Keep in mind

- Licenses and credits

- Minimum standard of quality

- Make it equal for everybody

- Open ≠ 100% volunteering

- Contribute to an existing project instead of reinventing the wheel!

Thank you!

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