Openness, the user freedoms, and the business

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Pátek talks

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What will I talk about?

- Open*
    - OpenSource
    - OpenHW
    - OpenStandard
- Decentralized*
    - Cryptocurrency
    - Anonymization networks
    - Filesharing
- Self hosted
    - Matrix
    - NextCloud
    - Jitsi

- Why?
- Is it sustainable?
- Demo&discussion

OpenSource

- *GNU*/Linux
  - GPL
- Mozilla Firefox
  - MPL
- patek.cz's source
  - MIT (content under CC4-BY)

Free software

https://www.gnu.org/philosophy/open-source-misses-the-point.html (2020.05.25)

The terms "free software" and "open source" stand for almost the same range of programs. However, they say deeply different things about those programs, based on different values. The free software movement campaigns for freedom for the users of computing; it is a movement for freedom and justice. By contrast, the open source idea values mainly practical advantage and does not campaign for principles. This is why we do not agree with open source, and do not use that term.
Richard Stallman

- RepRap
    - GPL
- Turris
    - CERN Open Hardware Licence
- Arduino board
    - CC-BY-SA

- HTTP
- OASIS Open Document Format for Office Applications

Decentralized

All nodes are equal, the only difference is determined by the *data* available.

Crypto

- BTC
- ETH
    - Smart contracts
- Monero
    - Anonymous

- Tor
- I^2P

- BitTorrent
- IPFS

Self hosted

Nodes in power are controlled by multiple entities.
Federation

Self hosted apps

- Matrix
- NextCloud
- Jitsi

- Education
- Customization
- Evolution, iteroperability
- Independence
    - No trust
    - No vendor lock-in
    - Others failure isn't my failure
- Future proof

- How can the world be open and capitalist at the same time?
- How can we contribute?
- Is it worth it?
- Are there examples outside CS world?

Demo time