

A satellite view of Earth at night, showing the curvature of the planet and numerous glowing city lights across the continents. The text is overlaid on this image.

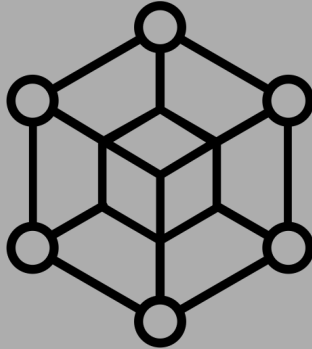
Distributed system for data sharing and collection

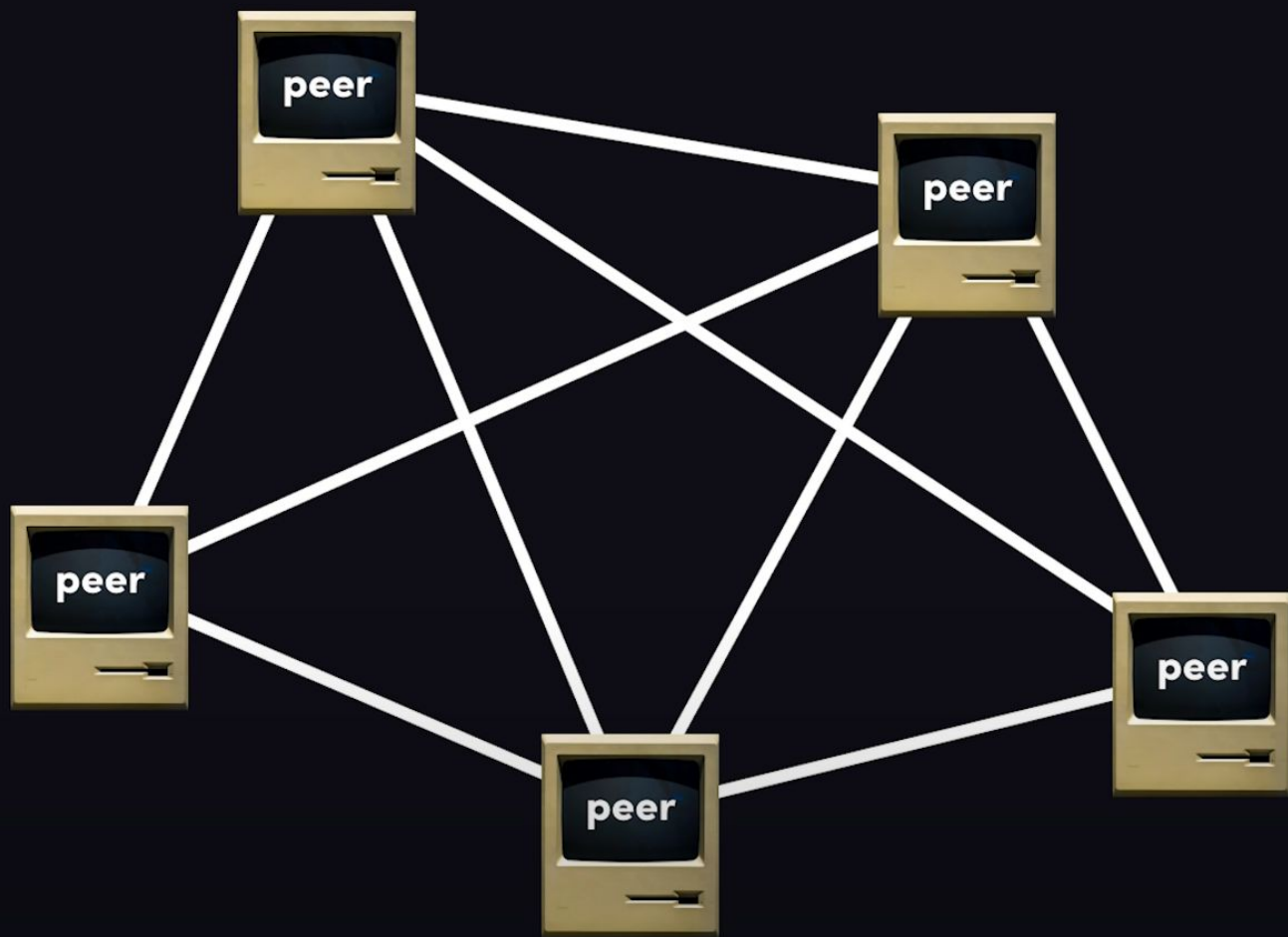
prepared by Jan Kacperczyk

Combining distributed technologies into one system



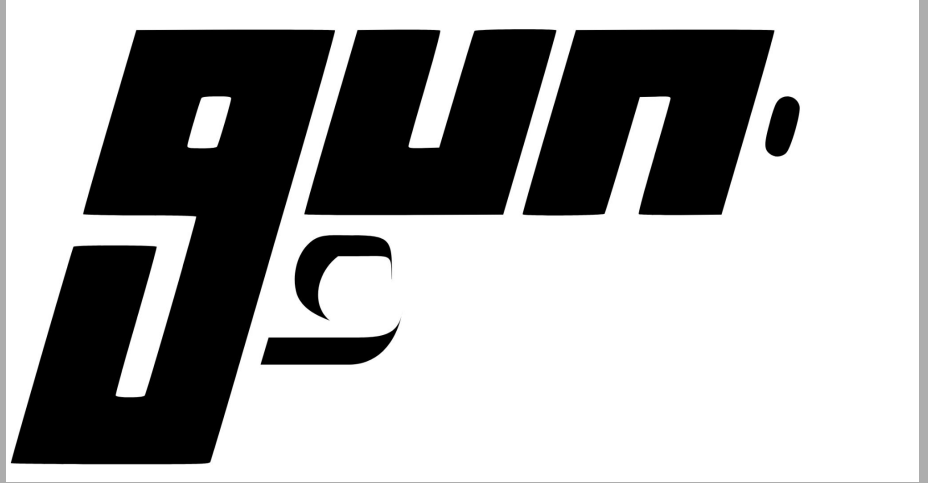
IPFS





Gun JS database

- distributed
- real-time
- web-RTC protocol based
- encrypted



IPFS as persistence layer

OrbitDB

- many db paradigms available
- IPFS hosted database



Demo

Business application

- open source systems for collecting device performance data
- systems for cooperation of autonomous devices
- closed systems for data sharing between peers

Entire Project is available at:

<https://github.com/rimbbreaker/distributed-data-sharing-n-collection>

local setup instruction is included in README.md