Distributed Systems & Blockchain in the News

- 05.02.2022: Decentralizing Distribution [link]

  - F-Droid received grant from Filecoin to work on decentralizing distribution

  - App/Play store: "become a source of unbridled control, censorship and surveillance"

  - "We are not looking at NFTs, blockchain, DAOs, smart contracts or related aspects of "Web3"."

- 16.03.2022: Making Sense of Crypto & Web3: Announcing our new initiative [link]

  - "from "it will revolutionize governance" to "it's a complete waste of time""

- "Web3 is generally understood as a potential "next generation" internet based on decentralized, blockchain-based systems."

- For me: connect browser to blockchain X

- 01.03.2022: Arti 0.1.0 is released: Your somewhat-stable API is here! [link]

  - ~275k LoC from C to Rust

  - "It's nowhere near ready to replace the main Tor implementation in C, but we believe that it's the future"

  - Funded by Zcash

- 13.03.2022: A COMPLETE guide on how to make Docker images even smaller [link]

  - Upcoming lecture

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- 11.03.2022: How Podman can transfer container images without a registry [link]

  - New command: podman image scp

  - Not compatible with docker:
    - `docker save → tar file`
    - `scp tar file`
    - `docker load`

- 04.03.2022: BBR vs CUBIC: BBR improves performance by 21% [link]

  - Lecture topic: congestion control, many HTTP3/Quic uses BBR

- As CDN, Fastly is used → can switch congestion control algorithms

- Best Connections: 2-6% improvement, poor Connections: up to 21% improvement

- "ASN for which the response times increased after switching to BBR"

- 11.03.2022: Hedge Fund Fir Tree Bets Big With Short of Stablecoin Tether [link]

  - Short-selling: profit from stocks (here tokens) when they go down in value

  - USDT = stable coin, but legal/compliance questions, reserves available?
    - $24 billion in high-yield assets (Chinese real estate)

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