Distributed Systems & Blockchain in the News

- 19.3.2022: Heineken launches virtual beer in self-mocking metaverse 'joke' [link]

  - Now you can "drink" beer virtually

  - "an ironic joke... that pokes fun at us and other brands"

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Distributed Systems & Blockchain in the News

- 20.03.2022: Decrypting your own HTTPS traffic with Wireshark [link]

  - We covered this topic in the last lecture

  - Set SSLKEYLOGFILE

- 19.03.2022: A Primer on Proxies [link]

  - Transport basics

  - Proxy with HTTP CONNECT

    – "create an end-to-end TLS connection where only the client and target server have access to the protected content"

- 18.03.2022: The Man Behind Ethereum Is Worried About Crypto's Future [link]

  - "Buterin worries about the dangers to overeager investors, the soaring transaction fees, and the shameless displays of wealth that have come to dominate public perception of crypto"

  - "Buterin hopes Ethereum will become the launchpad for all sorts of sociopolitical experimentation: fairer voting systems, urban planning, universal basic income, public-works projects"

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Distributed Systems & Blockchain in the News

- 21.03.2022: OneWeb to resume satellite launches through agreement with SpaceX
[link]

  - Lecture 2: no launch with Soyuz rocket

- 22.03.2022: Web3 is centralized (and inefficient!) [link]

  - Another negative article

    - "Web3 Platforms are Centralized"

      - "Your wallet (MetaMask), marketplaces (OpenSea), APIs (Alchemy) are all central platforms"

    - "Mining is Centralized"

    - "Blockchain Sucks, Period"

      - "One financial transaction shouldn't need more energy than an average household uses in a month"

      - "...people keep getting scammed out of their crypto assets"

- "Decentralization Is Good, Just Not The Way We're Doing It"

- 23.3.2022: Implementing a toy version of TLS 1.3 [link]

  - Reimplement minimal TLS 1.3 protocol in golang

  - Explaining the steps: client hello, server hello, key exchange, …

  - https://tls13.ulfheim.net/

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