



OST

Eastern Switzerland
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Distributed Systems & Blockchain (DS1)

In the news

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Distributed Systems & Blockchain in the News

- 12.03.2021: [Why We Don't Use Docker \(We Don't Need It\)](#)
 - go build / go test / copy
- 17.03.2021: [Unironically Using Kubernetes for my Personal Blog](#)
 - 50 lines of configuration code
- Vertical scaling
 - Lecture 1: [Let's Encrypt](#)
 - [Stack Exchange](#) ([Architecture in 2016](#), [2019](#))
 - Lecture 1: [PostgreSQL scaling advice](#)
- 16.03.2021: [Migrating Millions of Concurrent Websockets to Envoy](#)
 - Slack used a set of HAProxy
 - Problem long-lived websockets
 - Change the HAProxy config
 - “With every HAProxy reload, a new set of processes is created to handle the new incoming connections. We'd keep running the old process for many hours to allow long-lived websocket connections to drain and avoid frequent disconnections of users. However, we can't have too many HAProxy processes each running with it's own “at the time” copy of the configuration”
 - Envoy can handle hot reloads better
 - Rollout: “We reverted, fixed, and rolled out again multiple times during the migration”
 - “It was often difficult to figure out why a certain rule was in place”

Distributed Systems & Blockchain in the News

- 18.03.2021: Grumpy Cat NFT sold for ~\$80K
- 11.03.2021: Beeple NFT becomes most expensive ever sold at auction after fetching over \$60 million
 - NFT, e.g., Ethereum EIP-721 (example implementation)
 - Beeple - one a day, since May 1, 2007
 - Crypto whale “Metakovan” 60m in ETH, 9m fee
 - Who is he? Vignesh Sundaresan?
 - Metaverse with the B.20 NFT vault has NFTs, sells B20 tokens – Beeple owns less than 2% of all B.20 tokens, Metakovan over 50%?
 - Pumping B20? Art lovers? Money Laundering?
 - Art has a money laundering problem
- 17.03.2021: Visa Plans to Enable Bitcoin Payments at 70 Million Merchants
 - “We’re trying to do two things. One is to enable the purchase of Bitcoin on Visa credentials. And secondly, working with Bitcoin wallets to allow the Bitcoin to be translated into a fiat currency and therefore immediately be able to be used at any of the 70 million places around the world where Visa is accepted.”

The image shows the VISA logo in a bold, blue, sans-serif font. The letters are thick and closely spaced, with a slight shadow effect on the right side of the letters.

https://en.wikipedia.org/wiki/Visa_Inc.