

Distributed Systems Advanced & Blockchain

In the News

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- 05.10.2020: [Smaller Docker Images Using Multi-Stage Builds](#)
 - Reminder, use multi-stage builds to reduce docker image sizes
 - golang:alpine: 300MB
 - alpine: 6MB
 - Use .dockerignore, when COPY/ADD . .
- 14.10.2020: [40 milliseconds of latency that just would not go away](#)
 - TCP_NODELAY → force immediate send, [when to use and when not](#), [Nagle](#)
- 15.10.2020: [What if we had Local-First Software?](#)
 - [Paper](#) - ownership and control of data
- “No Wayback Machine can restore a sunsetted web application. The Internet Archive cannot preserve your GoogleDocs.”
- Stumbled upon: [Lockstep protocol](#)
 - “Look-ahead cheating is a method of cheating within a peer-to-peer multiplayer gaming architecture where the cheating client gains an unfair advantage by delaying their actions to see what other players do before announcing its own action.” [\[source\]](#)
 - Solution: commitment scheme, part of this lecture