How does Amazon build and operate software?

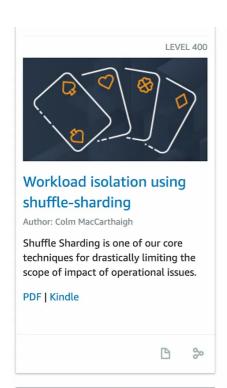


How does Amazon build and operate software?

In 2019, Amazon released The Amazon Builders' Library. It contains architecture-based articles that describe how Amazon architects, releases, and operates technology.

As of today, it published 26 articles. It took me two weekends to go through all the articles. I've had great fun and learned a lot. Here are some of my favorites:

- Making retries safe with idempotent APIs
- Timeouts, retries, and backoff with jitter
- Beyond five 9s: Lessons from our highest available data planes
- Caching challenges and strategies
- Ensuring rollback safety during deployments
- Going faster with continuous delivery
- Challenges with distributed systems
- Amazon's approach to high-availability deployment









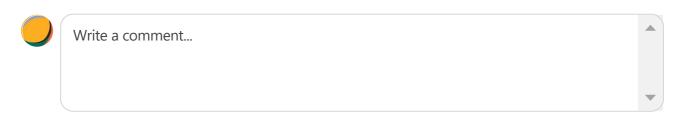






35 Likes

Comments



© 2023 ByteByteGo · <u>Privacy</u> · <u>Terms</u> · <u>Collection notice</u> <u>Substack</u> is the home for great writing