Back To Course Home

Grokking the System Design Interview

(/courses/grokking-the-system-design-interview)

13% completed

Search Course

Additional Resources

Here are some useful links for further reading (*we have discussed most of these systems in Grokking the Advanced System Design Interview (https://www.designgurus.org/course/grokking-the-advanced-system-design-interview)*):

1. Dynamo (https://www.allthingsdistributed.com/2007/10/amazons_dynamo.html) - Highly Available Key-value Store

2. Kafka (http://notes.stephenholiday.com/Kafka.pdf) - A Distributed Messaging System for Log Processing

3. Consistent Hashing (https://www.akamai.com/es/es/multimedia/documents/technical-publication/consistent-hashing-and-random-trees-distributed-caching-protocols-for-relieving-hot-spots-on-the-world-wide-web-technical-publication.pdf) - Original paper

4. Paxos (https://www.microsoft.com/en-us/research/uploads/prod/2016/12/paxos-simple-Copy.pdf) - Protocol for distributed consensus

5. Concurrency Controls (http://sites.fas.harvard.edu/~cs265/papers/kung-1981.pdf) - Optimistic methods for concurrency controls

6. Gossip protocol (http://highscalability.com/blog/2011/11/14/using-gossip-protocols-for-failure-detection-monitoring-mess.html) - For failure detection and more.

7. Chubby (http://static.googleusercontent.com/media/research.google.com/en/us/archive/chubby-osdi06.pdf) - Lock service for loosely-coupled distributed systems

8. ZooKeeper (https://www.usenix.org/legacy/event/usenix10/tech/full_papers/Hunt.pdf) - Wait-free coordination for Internet-scale systems

9. MapReduce (https://static.googleusercontent.com/media/research.google.com/en//archive/mapreduce-osdi04.pdf) - Simplified Data

Processing on Large Clusters

10. Hadoop (http://storageconference.us/2010/Papers/MSST/Shvachko.pdf)
- A Distributed File System

← Back

Design Ticketmaster

Next →

System Design Basics

Mark as Completed

Report an Issue

Ask a Question (https://discuss.educative.io/tag/additional-resources__system-design-problems__grokking-the-system-design-interview)