

<https://www.educative.io/collection/5668639101419520/5649050225344512>

<http://juliachencoding.blogspot.com/2018/06/what-is-microservice-architecture.html>

Map:

k1, v1 -> a list of (k2, v2)

Reduce:

k2, list of v -> k3, v3

GFS -> Google File System

Hadoop, HDFS

Spark: 1, lazy mode

HDFS: replica, partition

<https://gist.github.com/jianminchen/8f127514054f6bea677f705e47349bc3>

反向代理为何叫反向代理 - 阿笠硕士的回答 - 知乎

<https://www.zhihu.com/question/24723688/answer/48369770>

thread-safe

mutex

incr: fetch, add, write-back

	thread1	thread
1	fetch 1	
2	add 1	fetch 1
3	w	
4		
5		
6		
7		