

# **Log-structured data is great, but...**

it requires careful thought to:

- minimize detrimental whole-table locking
- access aggregate values without scanning

## **Dealing with money**

float, Decimal, and math

## **Avoiding concurrency**

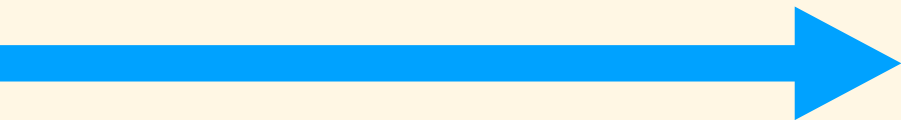
linearizing writes in a queue

## **Dealing with concurrency**

transactions, locking, compare-and-swaps

## **Schema design**

log-structured data, minimizing locks



## **The bigger picture**

code layout, storage layer, NewSQL databases