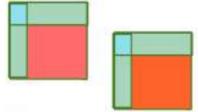
Ditabase World

Saas —> Saas

Oss —> Open Source





EXAMPES

CONCEPTS

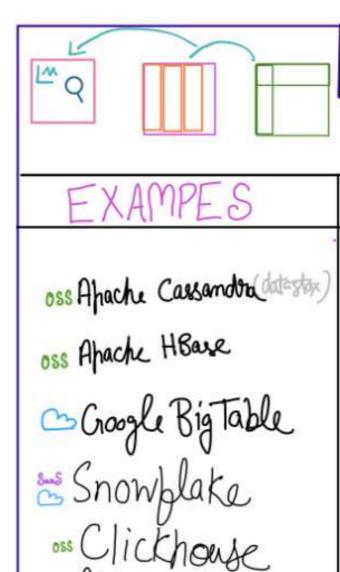
Postgres
Postgres
Postgres
My SQL

CO AWS RDS

3 Yugo byte

Sas TIDB

- · WAL & Journaling
- · Buffer Pool
- · Mem. ZDisk
- · ACID, BASE
- · CAPS PACLEC
- · Distributed databases
- · Txn&Isolation lucks
- · MVCC
- o Quey execution
- · Master-Slove
- o Master Master (Active Active)
- 02PC VS QUENUM -> POXOS, RAFT
- ·Storage engines J. MySQL (Innodb, MyISAM.) RocksDB
- · Clock Synchronization
- · SQL flavour
- · Materialized Views, Views
- · Window for.
- · Connection Pool
- · Btree vs Log Structured Mage Tree



oss Apache Hive

oss Afrache Impala

- Amozon Redshift

△ Croogle Bigguery

- Azwie Synapse

oss Ahachu Pinot

oss Apache Druid

oss Presto (Query engine)

Columnar Storage

Dota Warehouse workloads

CONCEPTS

- · Tablets
- · Row vs Coloumn Store
- · Vectorized execution
- o Costs
- OOLAP VS OLTP
- · Vectorize guy execution
- · SIMD H/W orthinization
- o complex joins
 - 1) I SORT-Merge
 - 4 multiway /Worstone
- o Usor defined fors.

