

ttl
what are database

- stone

in the server hosting database because business legic is tightly coupled with DB.

challenge migrate from Oracle DB to Trysol will be heavy effort.

DB dunable/ (ideally), long time persistence (ideally), - in memory enases when system croshes on nestents.

why not use in-memory db when it is faster (cache)

-> because of expense.

#2 how db storage work (magnetic disk, sdd) - B+ tree - pages
- hashing
- pointers nead - hash
- B+ tree + index Overy optimizer handled by DB (treat as black box)

#3 Nosql document oniented ob one olb consistent? it depends -usually consistent
- available to incoming request - decides how and where data is kept - Config when storing data - help with read replices and coordination data stared in right way (usually zoftware)

#4 graph ab - store in nodes and edges - graph query optimized time-series db - stone record that one part of time-series - aggregate and compress time-stamped Object oriented - complex data objects - application layer is light and does not need much translation. #5 what db - data - expentise - trade -off high consistence post-gres low avail low consistence cassandra high avail Graph neo-4j bad counter fan likes - application (consider growth aspect)