

ACID Properties

- atomic
 - all or nothing
 - either fully executed or not
 - if TX fails ==> no changes are made - UNDO
- consistent
 - end of transaction has all constraints satisfied
- isolation
 - multiple concurrent transaction seem to execute sequentially
- durability
 - succesful transactions survive permanently even if system fails
 - system failure ==> db recoverable - REDO

[[BASE]] Alternative

- used in [[NoSQL]] systems instead of ACID