

CouchDB

- DB scale from BigData to mobile

name	gender	Salary
A	M	10000
B	M	20000
X	F	80000

შეგნების მიხედვით

map = emit (gender, salary)

reduce = return sum(values) / values.length

filter salary > 15000

map > () {

if (doc.salary > 15000) {

emit (doc, null)

}

reduce ^{შეგნების} reduce

map → non thread local runtime env. ^{შეგნების}

შეგნების for loop

JS reduce

initial

data.reduce ((dat, acc) => acc + dat.salary, 0);

ถ้ามี map reduce คือทำซ้ำกัน parallel