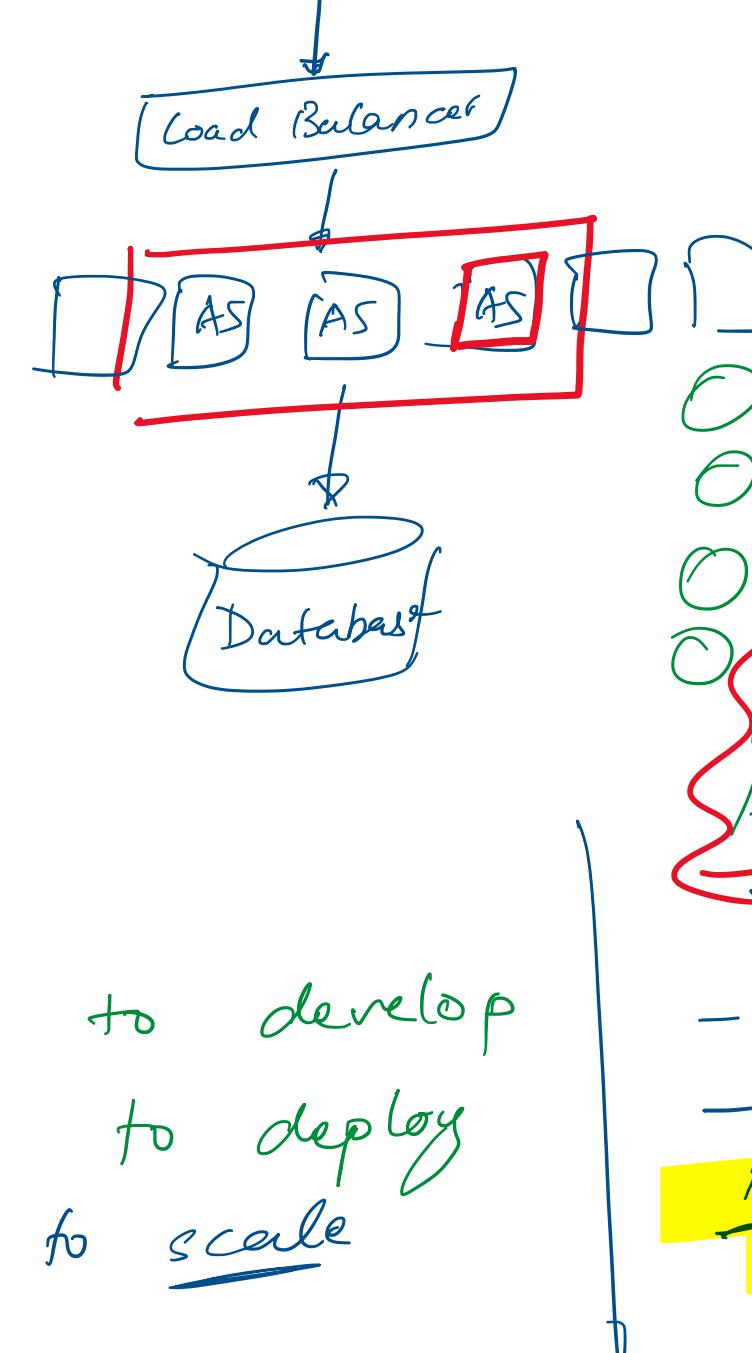


Micro services

Tuesday, 17 August 2021 8:52 PM

Monoliths
are not
good

2000 → 3000

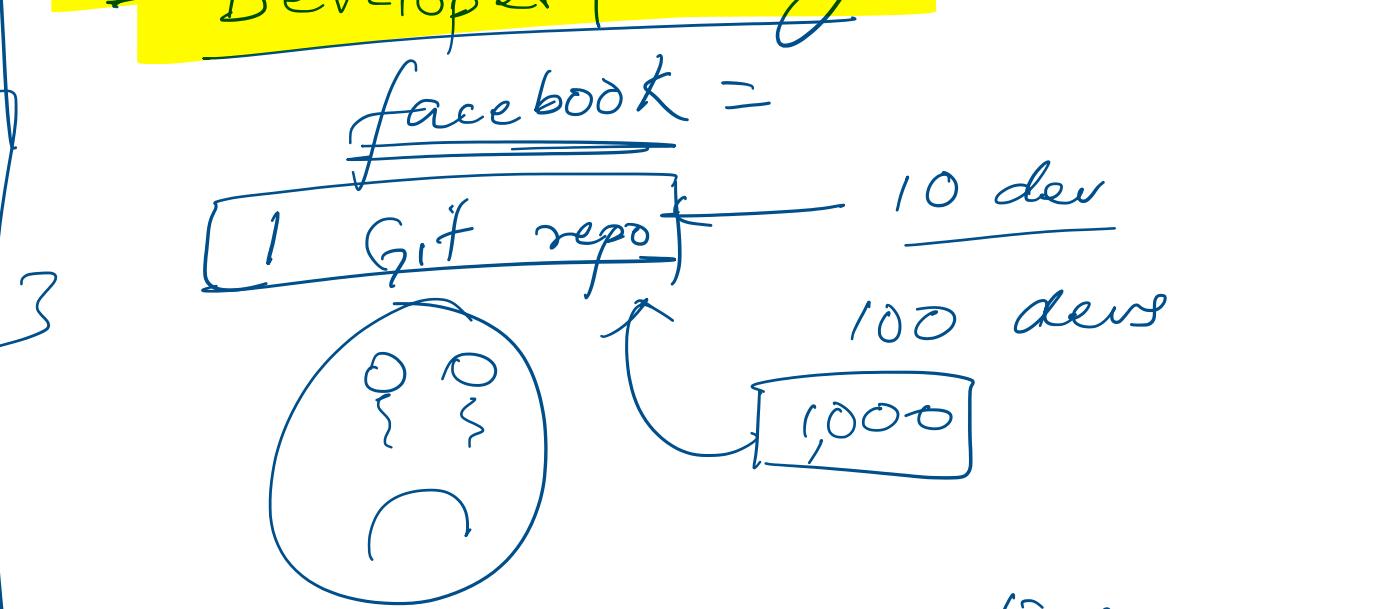


Scalerc.com

1 codebase

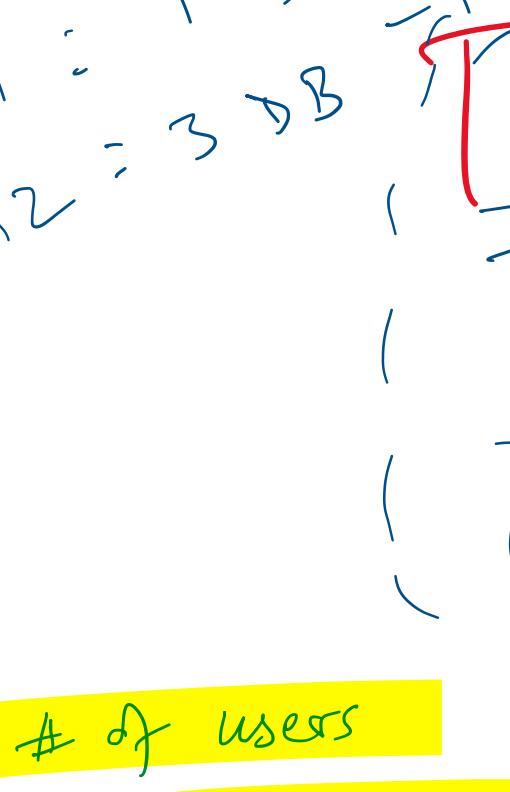
→ scalar interviewBit

2,000



Benefits

- simple to develop
- simple to deploy
- easier to scale



M1 : 1/73
M2 : 1
M3 : 1
M4 : 1

Demerits

- Scaling
- Cascading failure
- Not developer friendly

facebook =

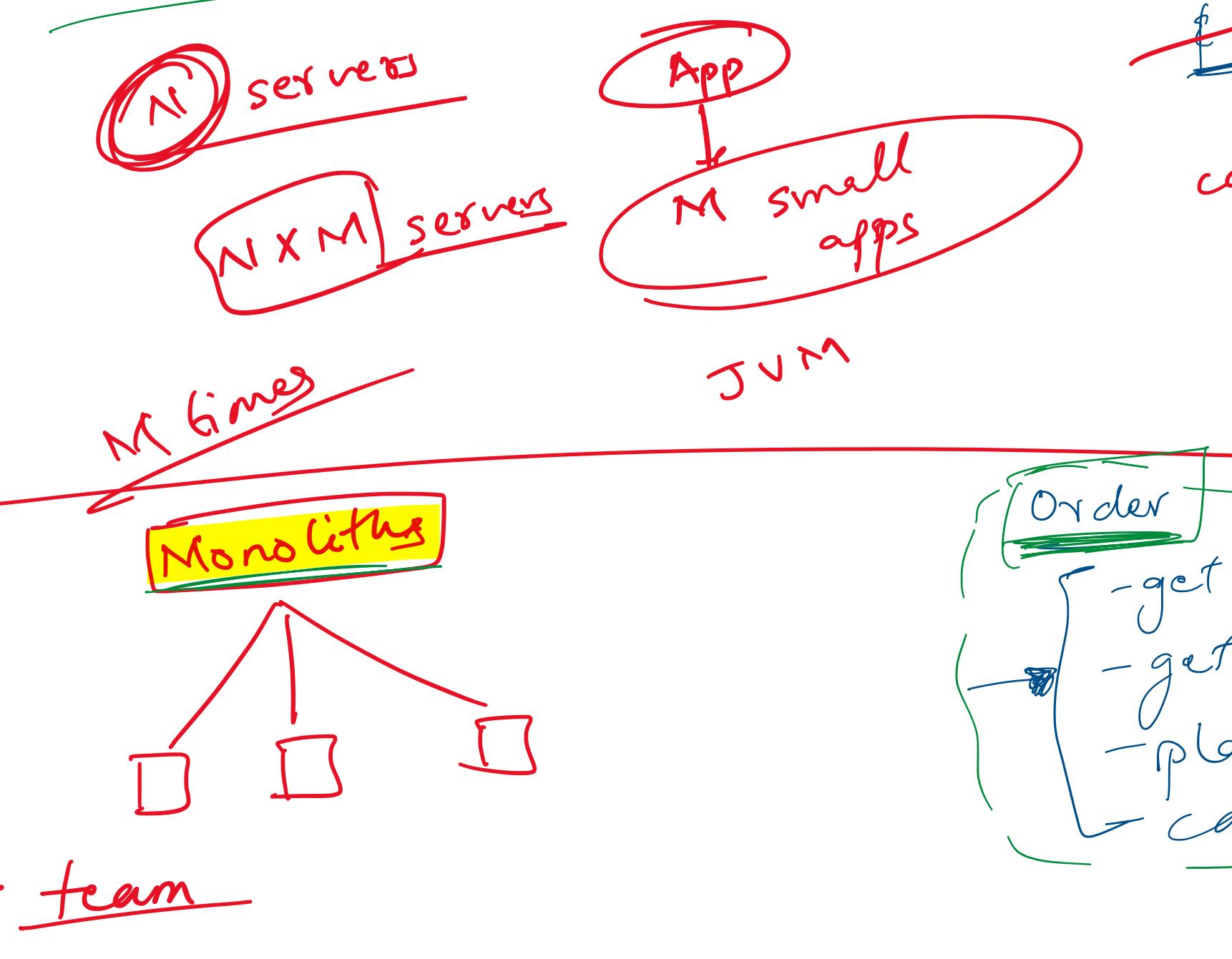
1 Git repo → 10 dev

100 devs

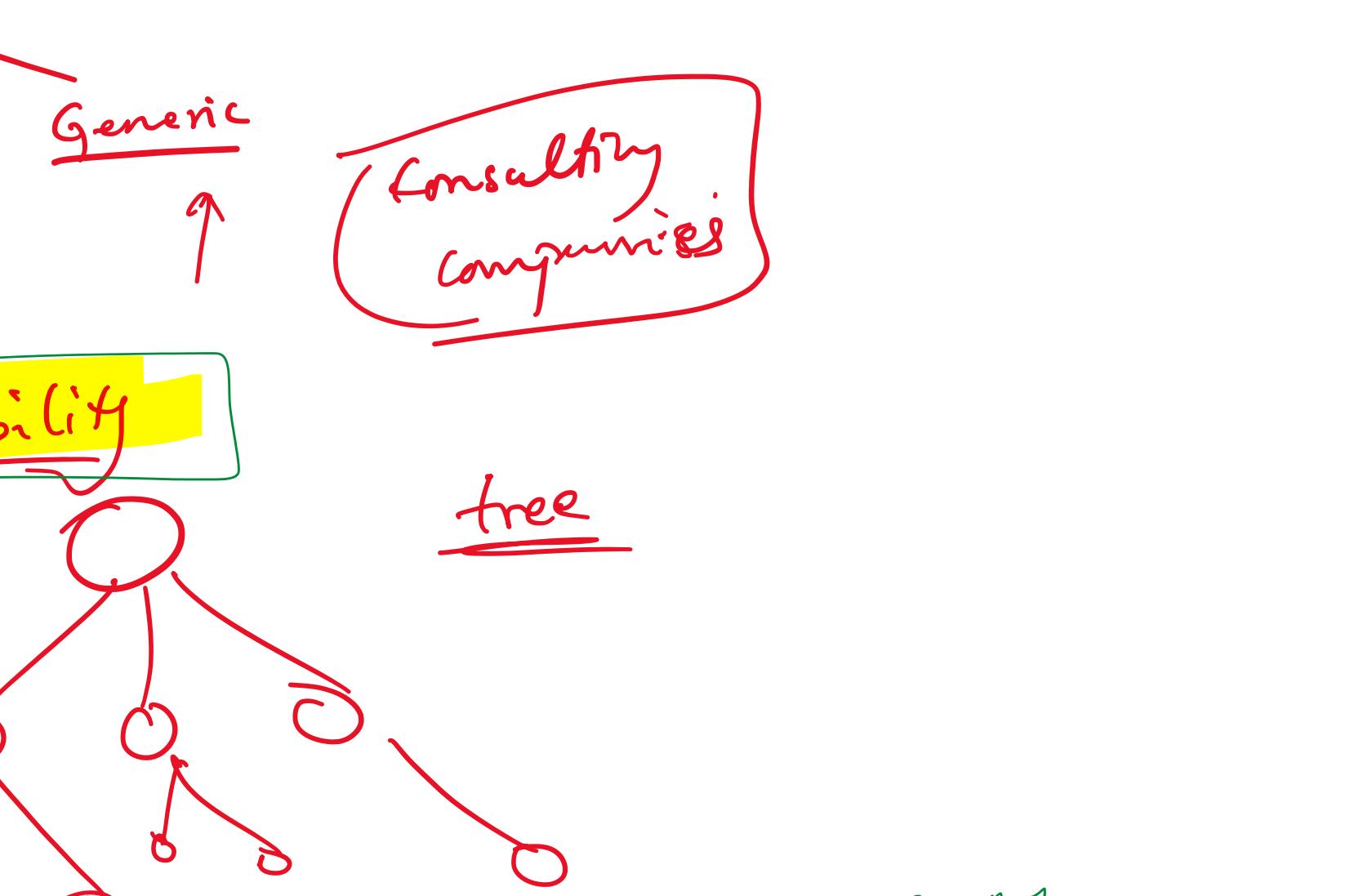
1,000

IDE & boot up time increase.

Service



A. # of users
B. # of developer
C. size of codebase
D. All of above.



Order

abc? a=1
b=1
c=1

X

API construct cannot change

Drawbacks

N servers

N × M servers

M small apps

JVM

Monoliths



- team

- subdomain

Core Supporting Generic

Order

get All Order
get Order By User Id

place Order
cancel Order

- business capability

100 mem

6 4 member

tree

type of company

Data Management

① Database per service

Order

Dynamo DB

MySQL

Cache

Inventory

Inventory