

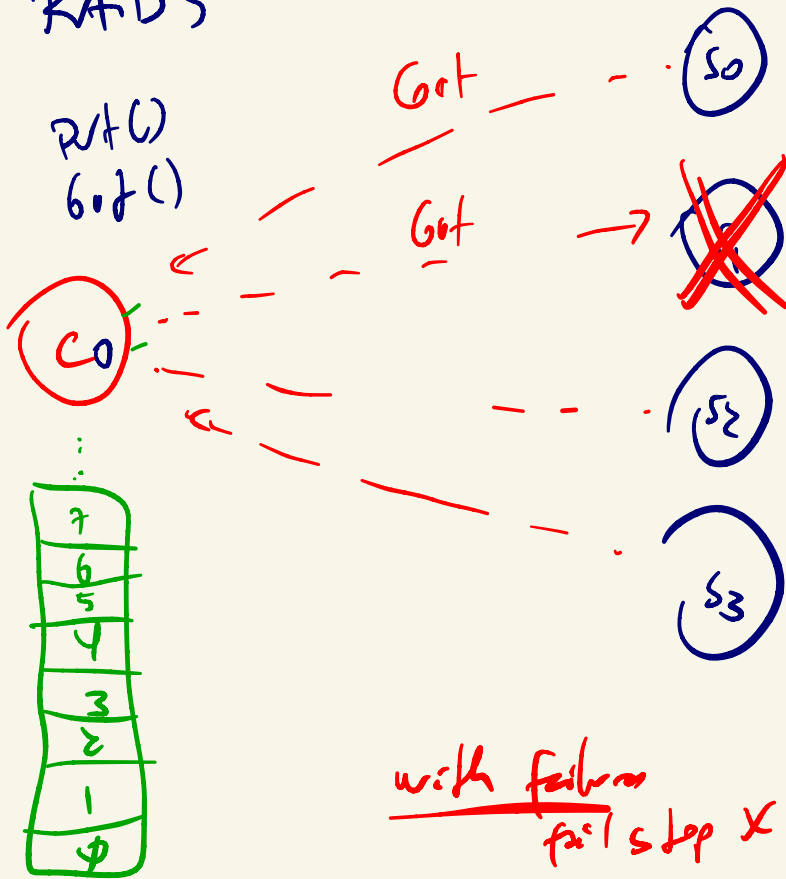

Project discussion

- ① Recap of objectives/suggested undertakings
- ② Command-line arguments
- ③ Testing
- ④ Report

①

RAID 5

1/2



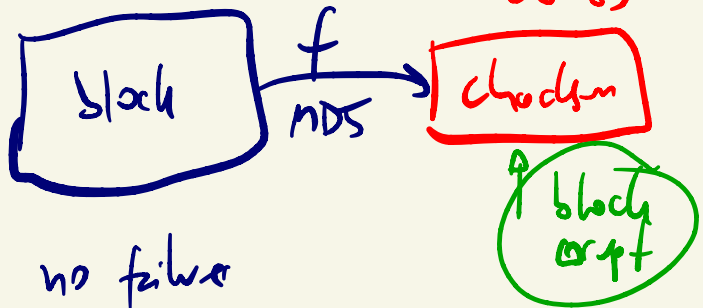
VB#1

① No failure:

$\left\{ \begin{array}{l} \text{Get}() \text{ hits one source} \\ \text{Multiple Get}() \text{ spread across sources} \\ \text{Put}() \text{ writes two sources} \end{array} \right.$

① RAID 0 → N servers
→ tolerate no failure
→ $put()$ on
 $Get()$ on one server

② Add checksum
→ RAID 0 w/ detect corruption
→ Disk blocks
→ checksum blocks

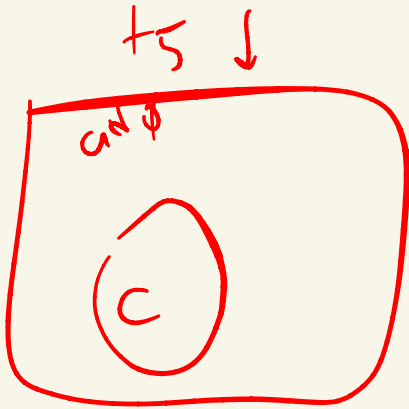


③ RAID $\frac{4}{5}$ no failure
→ parity data is spread across N servers

④ Handle corrupt block ✓
→ no $put()$ change
→ $Get()$ → reconstruct from other servers

⑤ How do fail-step
→ slow down
→ scan two graben

⑥ Implement graben



1 client

black fs

mld ✓
 crto ✓
 3mnd ✓

cd ✓
 ls ✓
 lsh ✓
 lso ✓

ruzir 10
 ex, ls, cat

