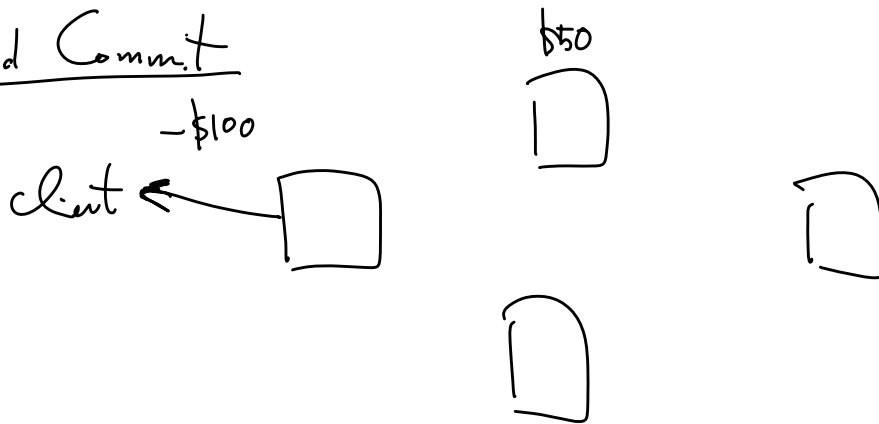


# Lecture 20

help@eecs.cwru.edu

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## Distributed Commit



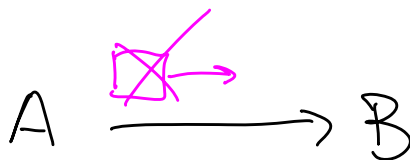
## 2-phase commit

1. Coordinator sends VOTE\_REQUEST to all
  2. Other processes, upon VOTE\_REQUEST, reply  $\begin{cases} \text{VOTE\_COMMIT} \\ \text{VOTE\_ABORT} \end{cases}$
  3. If everybody agrees (VOTE\_COMMIT), coordinator commits, send GLOBAL\_COMMIT.  
otherwise GLOBAL\_ABORT
- 

## Backward recovery

$A_{bin}/v_m - fr$  &

## Forward recovery



## Forward Error Correction

