

Cons:  $21 \ a \rightarrow b$ ;  $Ca \leq C_b$ . (not strongly 96 Ca  $\leq 6$ ;  $a \rightarrow 6$ ? FALSE. consistent) i.e. cannot determine chronological order given any two dock values. Vector Clocks · Rules for incrementing C; [i] = Ci [i] + 1 for processing events. Yk Cjck] = max (Emck], Cjck]+1) Increment self clock on receive. For some clock values: ta, tb ta = = tb => +k ta [k] = = tb ck] ta!= tb => Jk ta[b] != tb[k] Cons: Over looks consurrent events. Carnot determine which event occurred in which process, in what order. Need more memory. No. of processes may not be known in advance.

