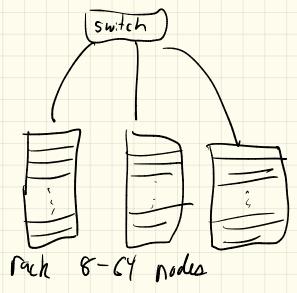
Map Reduce

Ostributed File system:



Failue types
- loss of rack
- loss of rack

handle failue Clearly

1. Stare files redundantly

( node fails files become unautilale until

the node replication is complete)

2. compute in tasks (node fails rerun task)

Dist file System (DFS):

- huge files (exist-bytes or bigger)

- racly updated files (maybe appendix is okay) Separate files into chunks (usually 641MB).
replicate chunks (usually 3 or more times)
to different compute modes
on different rocks For each Pile masker rode (nam mode)
manager Chank locations (replicated) For each directory maintain master nude (replicated) All nodes of DFS know locations of linkries Maledue Paradigm - 2 Functions map and reduce
- System manyer the exec and coordination of
the tasks (e.g. the maps and reduces)
- System manage the exec of the tasks