

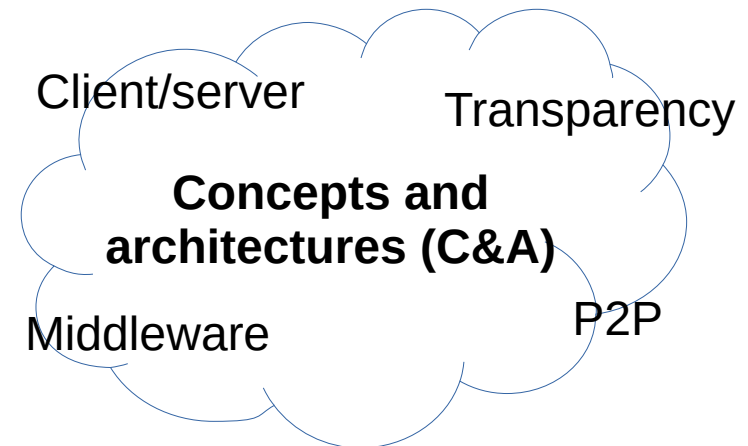
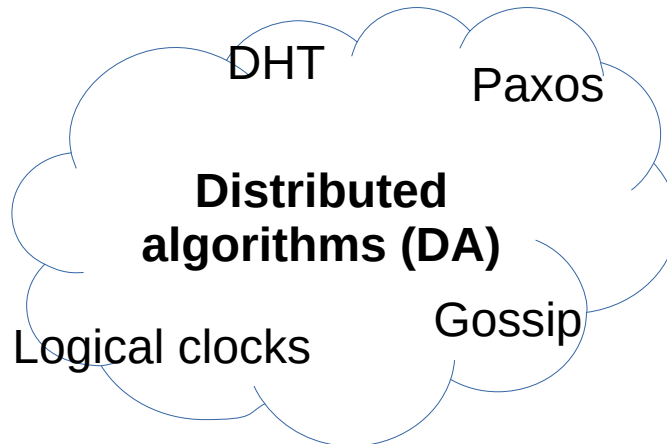
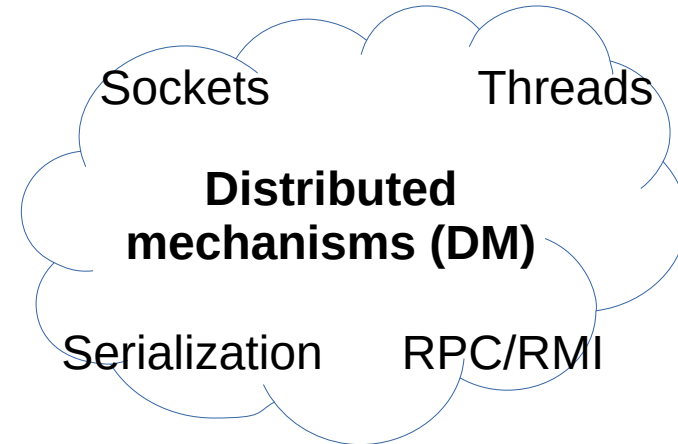
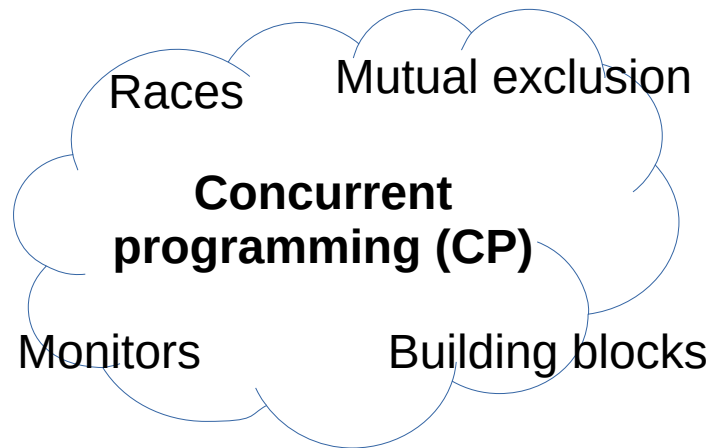
Sistemas Distribuídos

José Orlando Pereira

Departamento de Informática
Universidade do Minho



Summary



Next steps... (SD@MEI)

- Paradigms

- CP: Event-driven
- CP: Threads vs actors, ...
- C&A: Message oriented, REST, pub/sub, ...

- Large Scale

- DA: Logical clocks, CRDTs
- DM: Version vectors, reconciliation, ..
- C&A: P2P, ...
- DA: Gossip, DHT

- Fault tolerance

- DA: Transactions
- DM: Group communication
- DA: Consensus
- C&A: Replication, blockchain