Hadoop Scheduling

- A Hadoop job consists of Map tasks and Reduce tasks
- Only one job in entire cluster => it occupies cluster
- Multiple customers with multiple jobs
  - Users/jobs = "tenants"
  - Multi-tenant system
- => Need a way to schedule all these jobs (and their constituent tasks)
- => Need to be *fair* across the different tenants
- Hadoop YARN has two popular schedulers
  - *Hadoop Capacity Scheduler*
  - *Hadoop Fair Scheduler*