MapReduce v1 and v2 (1)

- **MapReduce v1 ("MRv1" or "Classic MapReduce")**
  - Uses a JobTracker/TaskTracker architecture
  - One JobTracker per cluster – limits cluster size to about 4000 nodes
  - *Slots* on slave nodes designated for Map or Reduce tasks

- **MapReduce v2 ("MRv2")**
  - Built on top of YARN (Yet Another Resource Negotiator)
  - Uses ResourceManager/NodeManager architecture
    - Increases scalability of cluster
  - Node resources can be used for any type of task
    - Improves cluster utilization
    - Support for non-MR jobs