

DRF Solution, For our Example

- DRF Ensures
 - Job 1's % of RAM = Job 2's % of CPU
- Solution for our example:
 - Job 1 gets 3 tasks each with <2 CPUs, 8 GB>
 - Job 2 gets 2 tasks each with <6 CPUs, 2 GB>
 - Job 1's % of RAM
 - = Number of tasks * RAM per task / Total cluster RAM
 - = $3 * 8 / 36 = 2/3$
 - Job 2's % of CPU
 - = Number of tasks * CPU per task / Total cluster CPUs
 - = $2 * 6 / 18 = 2/3$