

NSF/IUCRC CAC PROJECT

INTEGRATED VISUALIZING, MONITORING, AND MANAGING HPC SYSTEMS

Jie Li

Doctoral Student, TTU

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Advisors:

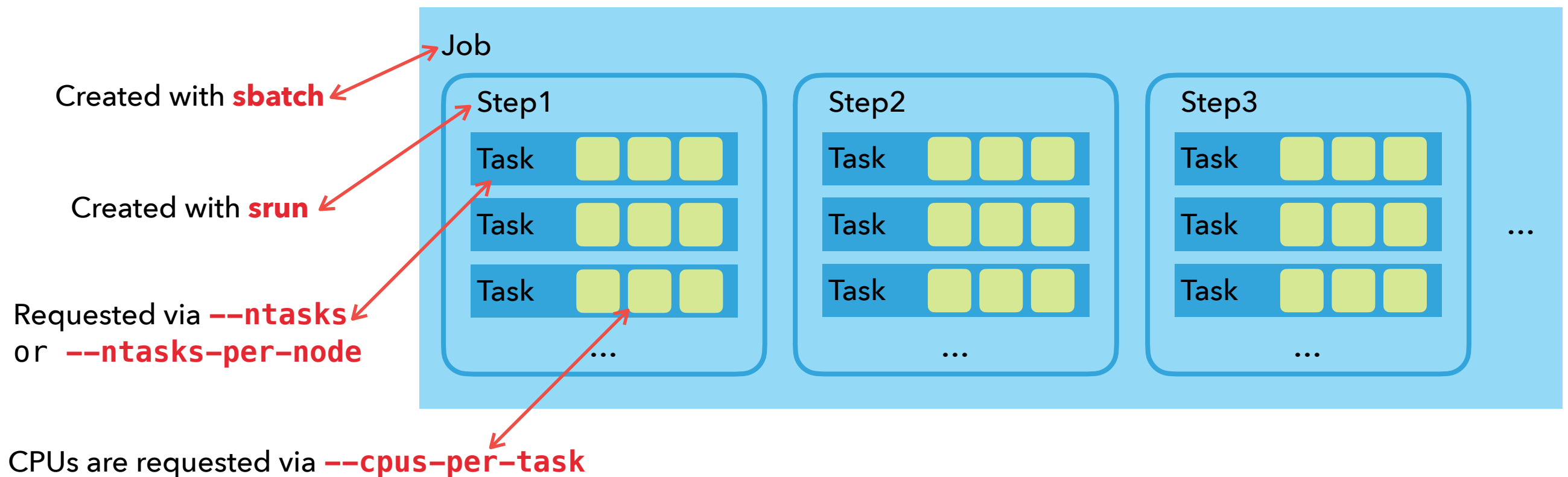
Mr. Jon Hass, SW Architect, Dell Inc.

Dr. Alan Sill, Managing Director, HPCC, TTU

Dr. Yong Chen, Associate Professor, CS Dept, TTU

Dr. Tommy Dang, Assistant Professor, CS Dept, TTU

JOB - STEP - TASK



- **\$JOBID**

- Statistics relevant to the job allocation itself, utilization statistics for job allocations will be reported as zero.

- **\$JOBID.batch**

- Jobs submitted with sbatch have one implicit step: the Bash script itself. It accounts for the resources needed by the batch script.

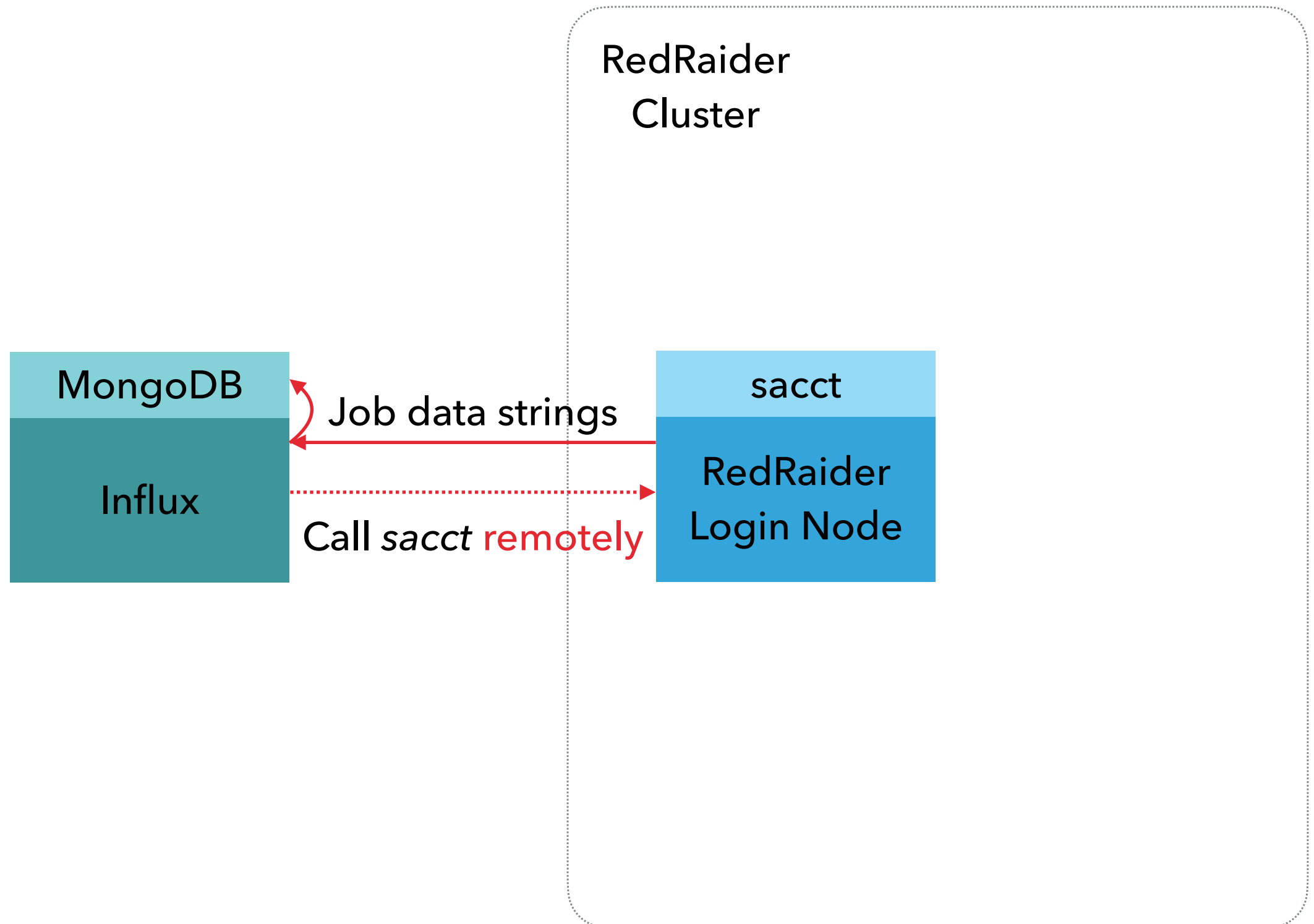
- **\$JOBID.extern**

- accounts for all resources usage by that job outside of slurm.

- **\$JOBID.0, \$JOBID.1, etc.**

- All jobsteps are accounted for resource usage separately by Slurm.

PROCEDURE



Demo





QUESTIONS?/COMMENTS?