

NSF/IUCRC CAC PROJECT

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# INTEGRATED VISUALIZING, MONITORING, AND MANAGING HPC SYSTEMS

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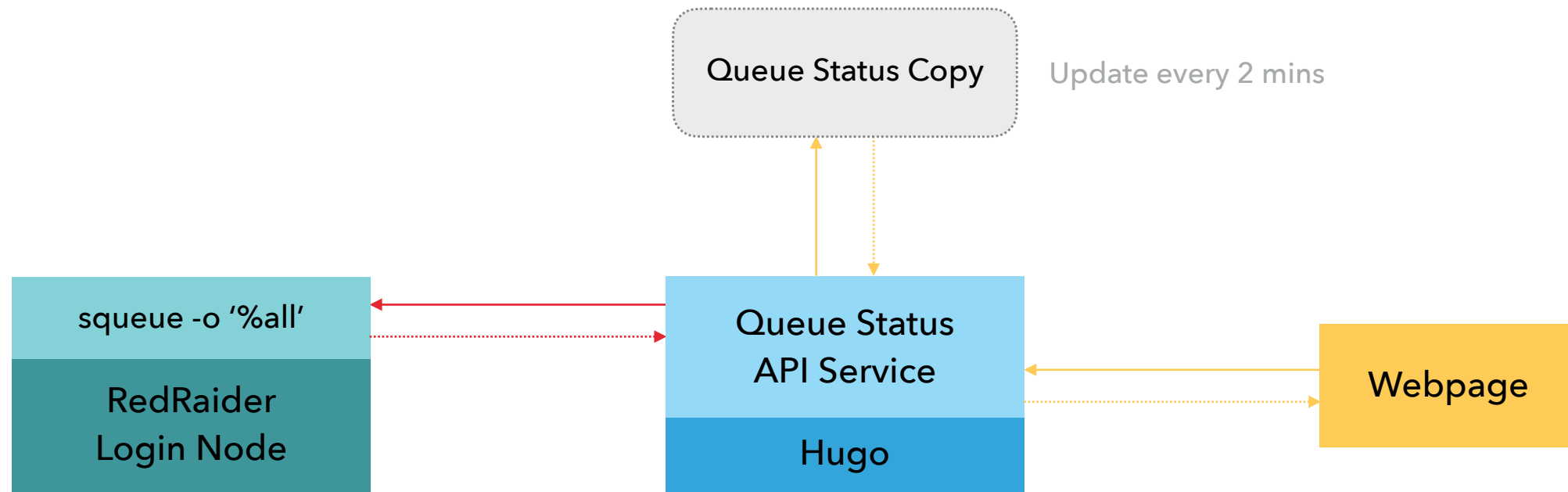
Dr. Alan Sill, Managing Director, HPCC, TTU

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


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

# QUEUE STATUS API

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- QueueStatus API service calls "squeue" command and parses the string to generate queue status data in JSON format.
- QueueStatus API service updates a local copy of queue status every 2 mins.
- By reading the local copy of queue status, new instances of queue status webpage do not cause additional overhead on Slurm.

A black and white photograph of a massive concrete dam. The dam's face is composed of large, rectangular concrete panels with visible vertical joints. A curved walkway or road runs along the top of the dam, featuring a metal railing. A small figure of a person stands on this walkway, providing a sense of scale to the enormous structure. The sky above is a uniform, dark grey.

**QUESTIONS?/COMMENTS?**