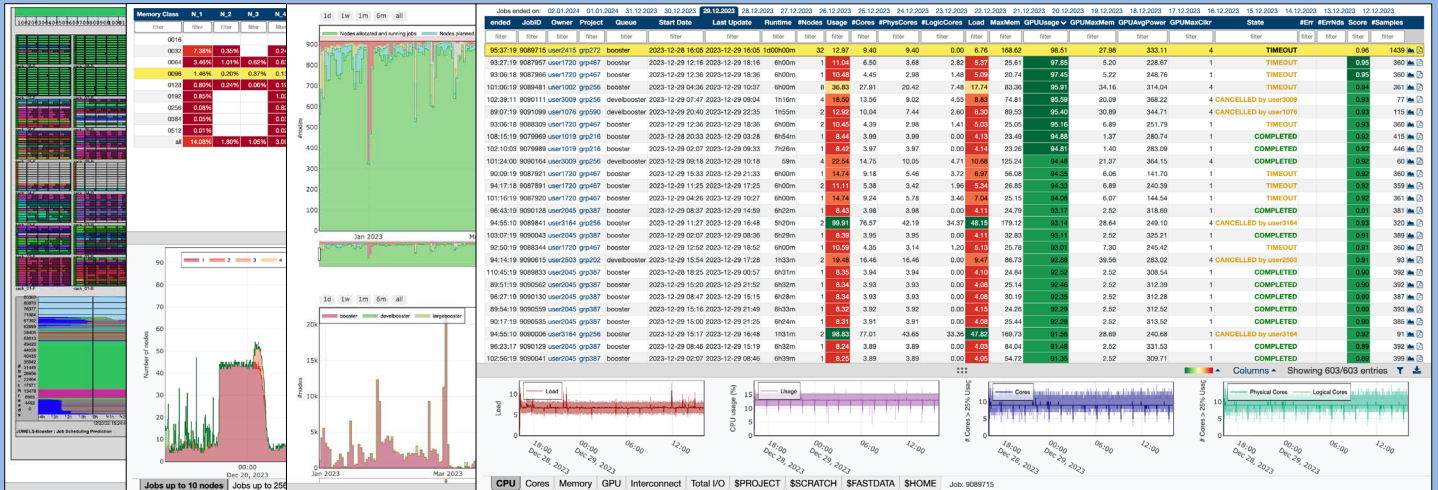




LLview

INTERACTIVE SYSTEM AND JOB REPORTING



Job Reporting

- Non-intrusive job performance monitoring of CPU, GPU, memory, interconnect and I/O
- Role-based web portal
- Automatically available for all JSC users
- Open source on GitHub (<https://github.com/FZJ-JSC/LLview>)
- Interactive, dynamic and self-contained HTML detailed reports (with downloadable PDF version)
- And much more!

LLview client

- Graphical and interactive monitoring of batch system usage
- Visualization of mapping between running jobs and nodes
- Monitoring of energy consumption, infiniband and GPFS I/O activity
- Large-scale system Markup Language (LML) for data management

Specification

- Fully configurable, fast and portable Client-Server application
- Internal parallel SQL databases
- Collect data from any data source (SLURM, Prometheus, etc.)
- Client platforms: Perl/Tk (Unix/Windows/Mac), HTML+JS
- Integrated into Parallel Tools Platform (PTP)
- Schedule prediction: JuFo and SLURM adapter

