ErUM Data IDT Area A&B

Staff

- One position filled since September 2019 (Stefan Kroboth)

- New permanent position starting April 2020 (Michael Böhler)

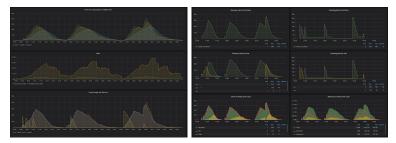- part time contributions from Anton Gamel, David Hohn, Benoit Roland, and Benjamin Rottler (other funding)

Progress on opportunistic resources

▶ Replaced ROCED with COBalD/TARDIS at ATLAS-BFG

▶ Implemented a SLURM batch system adapter (Pull request)

Monitoring solution for opportunistic resources

▶ Monitoring of HPC infrastructure which includes opportunistic and
potentially short-lived resources using Prometheus, ElasticSearch,
vector and Grafana

Update of the software infrastructure

- ▶ Replacing/refactoring/updating current code base to provide structured logs and extensive metrics
  - ▶ Starting, monitoring and management of the virtual machines
  - ▶ Initialization of the virtual machines
  - ▶ Integration of the virtual machines in the cluster
- ▶ Software stack will be shared in the future