

DAX F17 Highlights

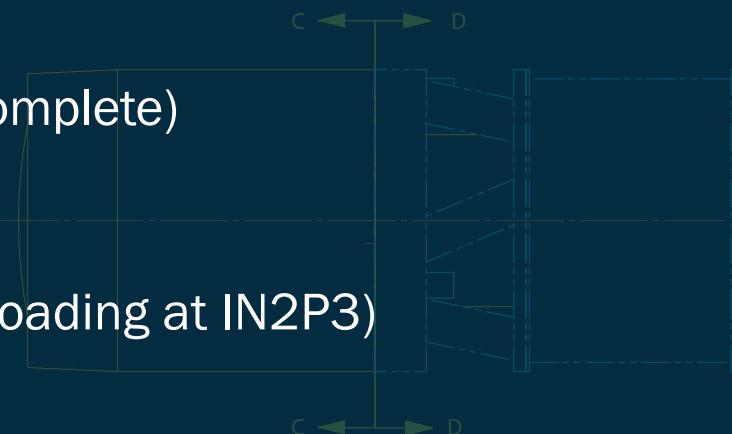
FRITZ MUELLER
DAX T/CAM



Large Synoptic Survey Telescope

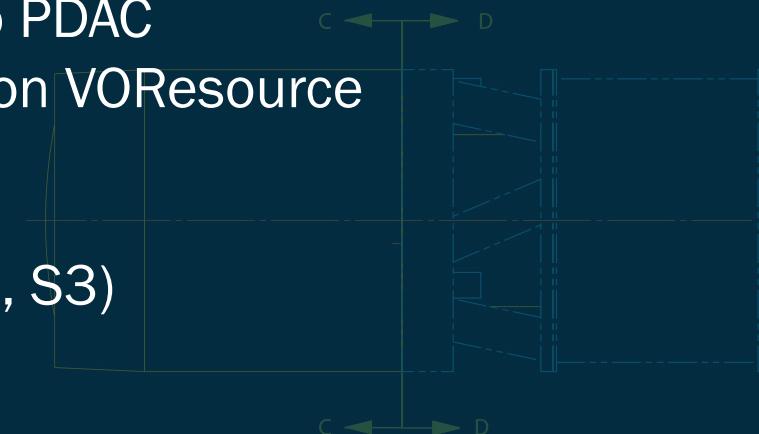
DAX F17 Highlights: Qserv

- Async/Disconnected queries
- Query status / query history
- Robustness improvements:
 - Distributed query cancellation
 - Large result handling
- Data distribution / replication (~80% complete)
- 20% DR1 KPM measurements
- KPM 30% dataset synthesis (currently loading at IN2P3)
- Preliminary k8s tooling



DAX F17 Highlights

- Imgserv web service
 - Preliminary v1 API deployed to PDAC
 - CLI and improved/extended unit tests
- Metaserv web service
 - Preliminary v1 API deployed to PDAC
 - Underlying db schema based on VOResource
- Butler (Gen. 2)
 - Prototype storage systems (db, S3)
 - Ongoing maintenance



DAX F17 Highlights

- L1/AP Database prototype delivered to AP team
- Working group participation
 - Supertask
 - Butler
- Python3 and pybind11 ports (all DAX products)
- PDAC
 - NeoWISE datasets (Qserv head node upgraded, data partitioned and staged, load in progress)

