

Rubin Observatory

DAX End of S20 Status/Plans

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DAX Recent Progress

Qserv

- Ingest
 - Prototyping automation/workflow (per presentation)
 - Iterative refinement of Qserv ingest primitives
 - Ingested Gaia DR2 w/ aux tables, mini-DC2, HSC RC2 along the way
 - Documentation effort underway
- KPM50 preparation
 - Code profiling, analysis, and tuning
 - Data synthesizer ingest integration
- Continued development of Qserv Kubernetes operator
- Build retooling and container refactoring

DAX Recent Progress

- Extracted HSC ObsCore image metadata from BG3; iterative refinement w/ Gregory
- APDB Cassandra Evaluation (per presentation)
- Supported ongoing MW development

DAX Plans for F20A

- Qserv
 - Continued work on ingest automation (per presentations)
 - Finish up build retooling
 - Deploy and populate 2nd Qserv cluster at NCSA (smaller, dedicated for -stable)
 - KPM50
- Schema Browser
- Continue APDB Cassandra evaluation
- Finalize HSC ObsCore image metadata, and deploy to LSP
- SODA
 - Begin work on datalink support
 - Designs for batched image retrieval
- Support MW development and iDF POC