

Rubin Observatory

DAX Mid F20 Status/Plans

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DAX Recent Progress

Qserv

- Deployed new “small” instance at NCSA
- Ingest
 - Improvements as needed to support DC2 ingest at CC-IN2P3
 - Ingested Gaia DR2 and WISE (mep and psd tables) into “small” instance
 - Ingest system documentation now available [here](#).
- 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

- Continued refinement of BG3 -> ObsCore image metadata extraction tooling
- Supported ongoing MW development (1.4 FTE)

DAX Plans for F20B

- Qserv
 - Migrate RSP catalog service to “small” cluster
 - KPM50
 - Finish up build retooling
- Schema Browser
- Transition SODA/ObsTAP image metadata extraction work (Kenny Lo phasing out)
- Continue to support MW development
- Support DP0 at IDF (ops funded activity)
- **Issue: Where/when do we get cloud resources for next stage of APDB scale testing?**