



DAX Mid F21 Status/Plans

Fritz Mueller

Slac National Accelerator Laboratory
Rubin Observatory Data Management



U.S. DEPARTMENT OF
ENERGY

DAX Recent Progress

- Lots of Qserv ingest and k8s improvements, bug fixes, in support of DP0.1 at IDF
- Qserv-operator now available at operatorhub.io
- Qserv 'lite' container code review now complete; merge imminent
- APDB code reviews and merges
- PPDB design kickoff meetings (more to come)
- Ongoing support for MW (UUID import fixes, warning fixes, cli confirms, etc.)
- Schema browser reviewed and deployed at https://dm.lsst.org/sdm_schemas/browser

Reminder: DAX on accelerated ramp to ops

- DAX is now in last FY of construction, according to current plan.
- Surveying requirements to build verification plans and “as built” docs for hand-off to ops (Qserv, APDB, PPDB)

	FY20	FY21	FY22	FY23
FTE Constr.	6.68	2.18	0.66	0.00
FTE Ops	0.00	3.72	4.69	5.25
FTE Total	6.68	5.90	5.35	5.25

DAX F21B Plans

- Qserv scale testing
- Qserv User-generated products design work
- PPDB design and prototyping

- Upgrade qserv-operator to 'lite' Qserv containers

- Support DP0.2 at IDF
- APDB integration
- MW support (.5 FTE Andy S.)

- T&S support (.5 FTE John G.)