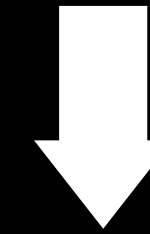


Double click anywhere  
to enter the master slide view.

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Control Box

DMLT vF2F Jun 2022

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# SQuaRE (Construction & Ops)



DMLT vF2F Jun 2022

# Recent Developments

- RSP and Data Previews
  - Image services! Discover and retrieve images and pass them to authenticated image cutout (SODA) IVOA services; also HiPS service - *lead: Russ Allbery icw Christine Banek (DataLink) and Jim Bosch (cutouts) Eli (HiPS images)*
  - Idle culling (*lead: Dan Speck*) for nublado containers
  - GAR/nublado smooth autoscale (*lead: Dan Speck*)
  - New kubespawner upstreamed (*lead: Adam Thornton*)
  - Schema superhighway improvements (*lead: Christine Banek icw Qserv, GPDF*)
- Infrastructure & new services (*lead: various*)
  - Phalanx improvement (Charts repo merge)
  - Monitoring/: Sherlock, prometheus endpoints in Sasquatch
- EFD (*lead: Angelo Fausti*)
  - Millisecond -> microsecond time resolution
  - Sasquatch on the TTS, summit only passively
- Times Square / Noteburst (*lead: Jonathan Sick*)
  - Non-interactive web-driven parametrized notebook exec
  - Beta in prod but needs USDF to be up to be useful to y'all
- Summit support, xDF support, all ops all of the time

# Upcoming Developments

- DP0.2 (end of this month!)
- USDF ramp-up and getting IDF ready for hybrid
- A&A groups / CoManage
- TAP Scaling Issues - the discussion about which side of the Qserv interface the rewriting happens is going to be super useful
- Work with CET on documentation architecture for RSP
- Some interesting things in flight you might want to ask me about:
  - We have a proposal for the “telemetry gateway”
  - We will have a proposal for TOO messaging
  - LINCC
- (*Carthago delenda est*) we need to nail down the information architecture / CDB / etc - we need tables