S20A HIGHLIGHTS & S20B PLANS

DMLT vf2f Feb 2020

SQuaRE

2020-02-27

S20A highlights: developer movements

Adam

Angelo (+ EFD S20A highlights ⇐ TS&S)

Jonathan

+ Christine (+ LSP API ⇐ DAX)

- Josh (- build job babysitting ⇒ Arch)

+ Russ (+ A&A ⇐ Arch)
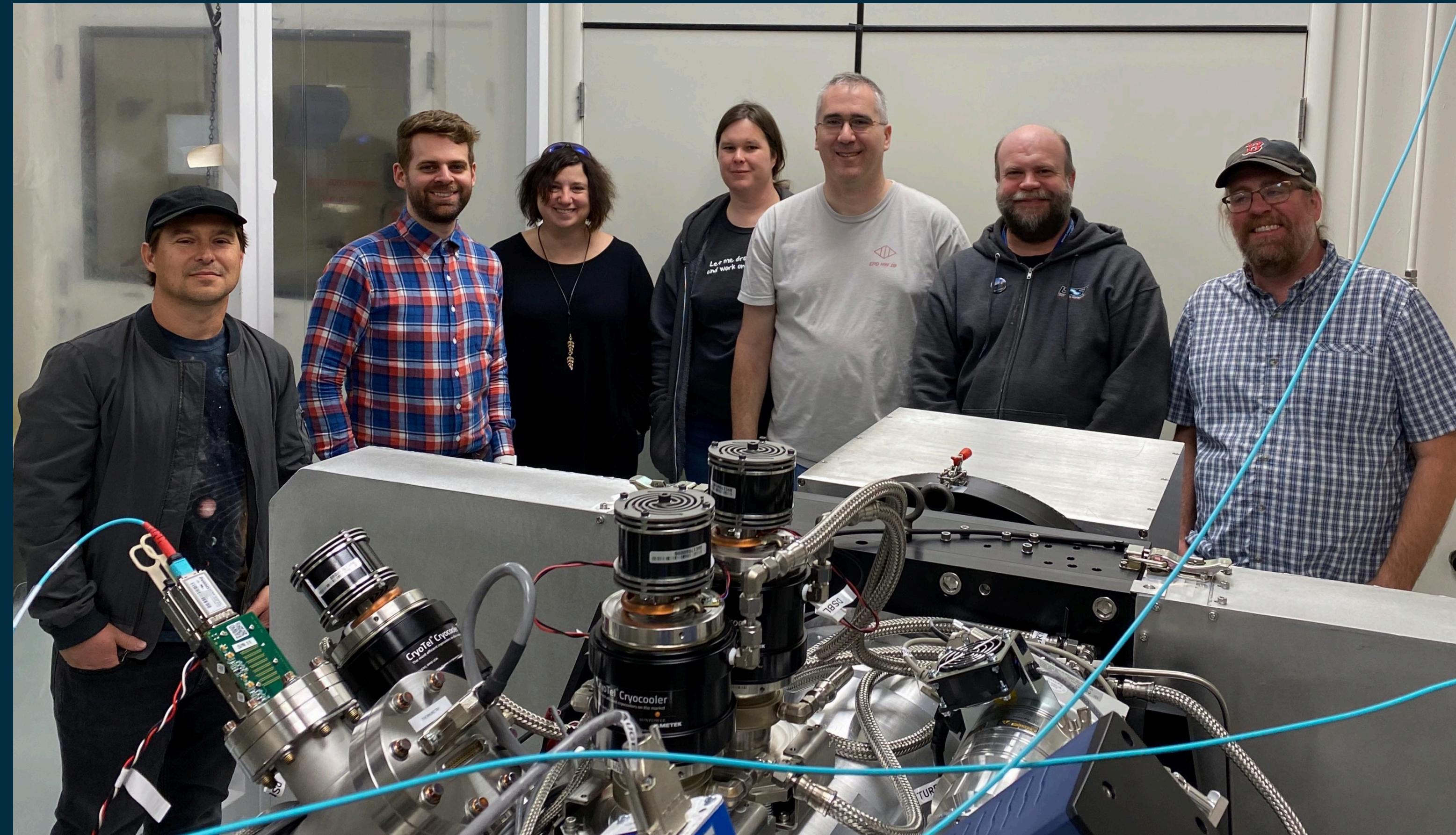
# S20A highlights: Infrastructure

- Doxygen/C++ Pipelines documentation (takes one, two and three)

- ArgoCD (SQR-035 implementation) at every major target site

- EFD -> ArgoCD

- Vault -> ArgoCD

- Safir -> Apps/Bots templating for Roundtable

- ghslacker -> Roundtable

- SQR-037, DMTN-112 (refresh), roundtable.lsst.io, safir.lsst.io
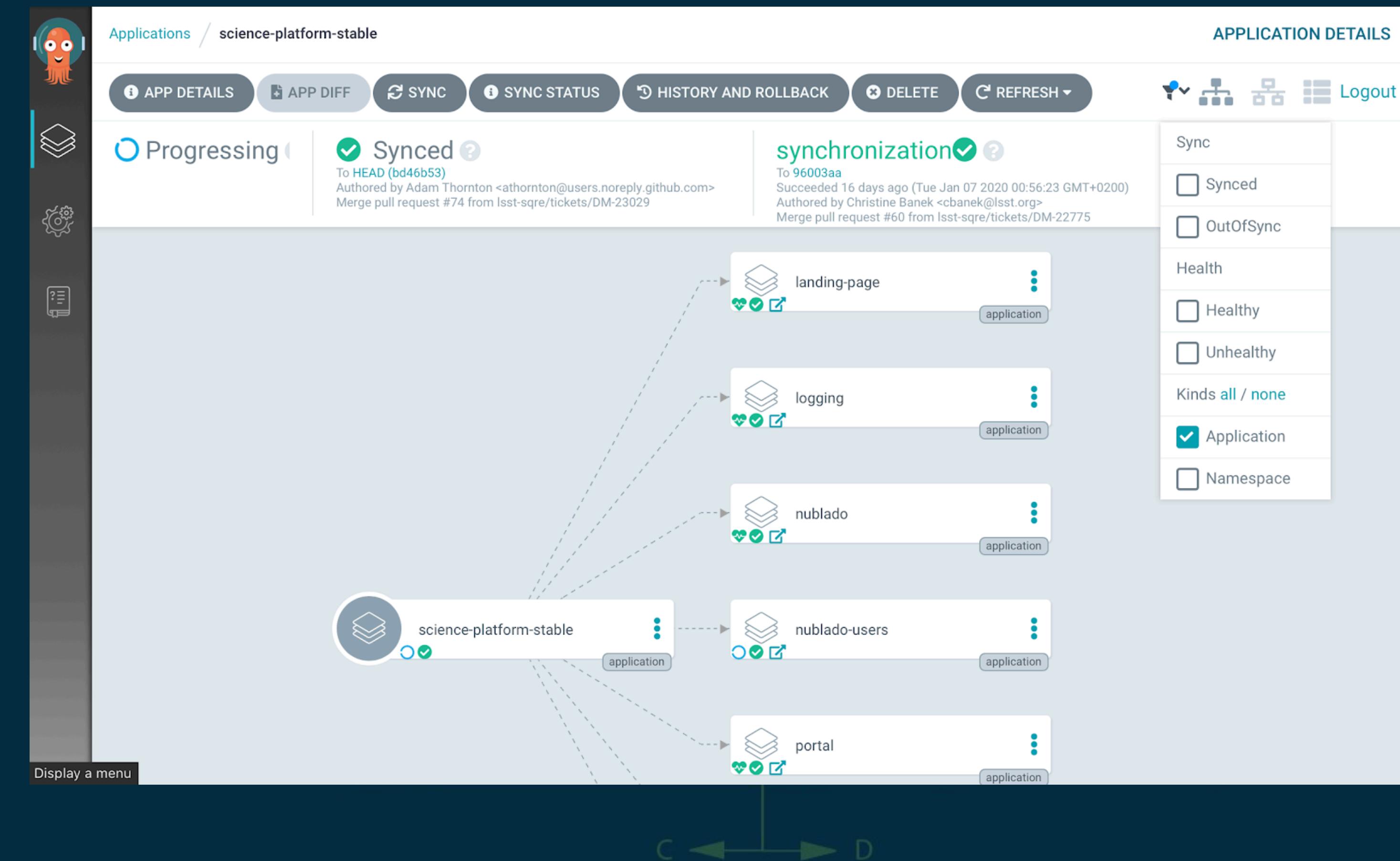
S20A highlights: Science Platform

- Major spawner refactoring completed and deployed, upstreaming in progress

- Headless notebook execution (Simon CI, "batch" usecase)

- Deployed and passed Simon CI in 3 DOE Labs in 3 days

- Candidate OBS-TAP is up (postgres/pgsphere)

- All Services deployments controlled by ArgoCD
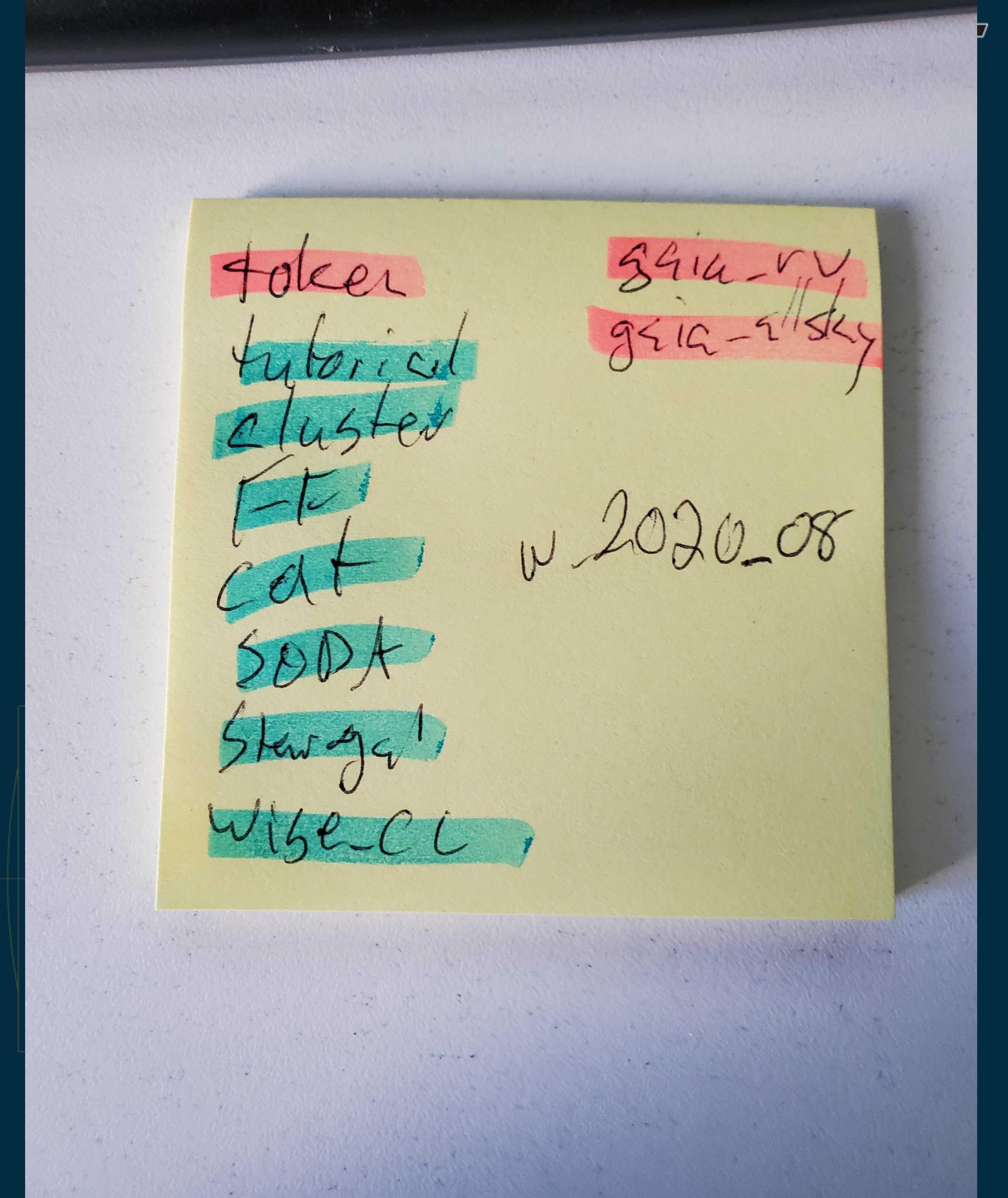
S20A highlights: EFD

- Four operational deployments including for real at the Summit

- Scaling with real + M1/M3 simulator working well on 1 node

- private_snd_timestamp

- Commissioning-oriented notebooks

- efd_client

- Good faith attempt to get LDF replicator up

- Identified terminology problem

- SQR-034, SQR-38
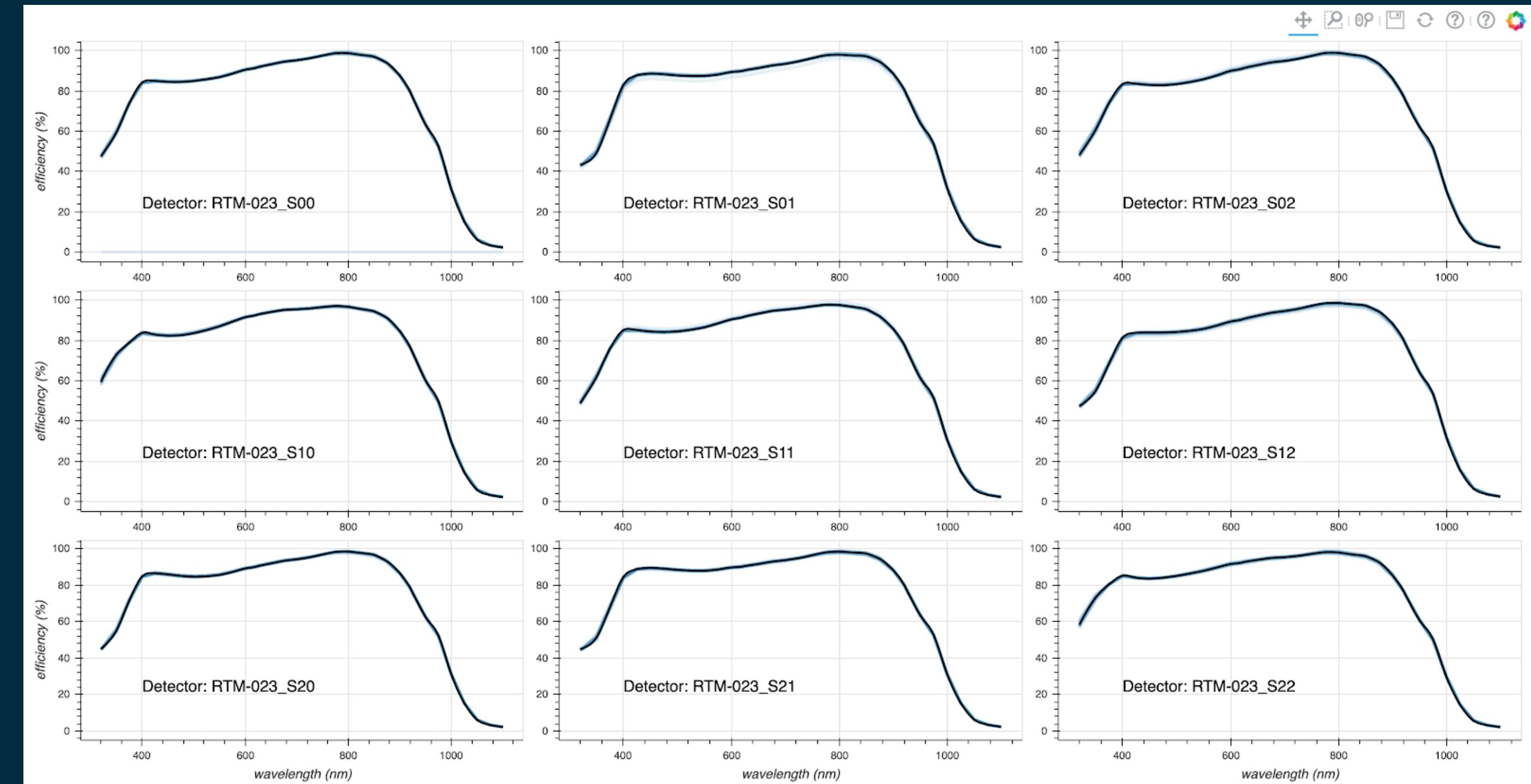
S20B Plans

- Science Platform: notebook CI UI + headless nublado

- All services including LSP: scale testing, performance verification, define throttling architecture (this will make work work...)

- LDF ("replicated") EFD deployment

- nublado at the summit

LDF non-decision is a velocity risk
Summit Involvement is a focus risk

- JS9 / Ginga bake-off

- Influx 2.0 / Annotations API for Commissioning

- LSP security analysis

- LSP API-SUI parity, receive SODA from DAX

- Nublado annoying issues (prepuller, tokens, culler)

- Github Actions

- More services to Roundtable/ArgoCD

- Do something about lsp-int contention