

LSP integration and PDAC Meeting 2018-10-18

Date

18 Oct 2018

Attendees

- [Gregory Dubois-Felsmann](#)
- [Fritz Mueller](#)
- [Brian Van Klaveren](#)
- [Unknown User \(xiuqin\)](#)
- [Igor Gaponenko](#)
- [Michelle Butler](#)
- [Fabio Hernandez](#)
- [Kian-Tat Lim](#)

Goals

Discussion items

Time	Item	Who	Notes
	NCSA	Michelle Butler	<ul style="list-style-type: none">• AAIM: federated A&A will be rolled out next week<ul style="list-style-type: none">• still waiting for audit component (performs annual check on all identities)• web app for registering identities all set• expecting documentation at rollout• Kian-Tat Lim : there are two parts, right? Github linkage• All 2018 acquisitions are complete<ul style="list-style-type: none">• 2nd QServ master hardware handed over a week or two ago• Fritz Mueller & Igor Gaponenko : no problems with the node so far, have already installed QServ and tested that the 2nd node successfully functions as a master. Everything seems to be configured correctly.<ul style="list-style-type: none">• Current version of QServ doesn't support actually running multiple masters simultaneously. Primarily a matter of configuration.• The plan is to run multiple masters as a load-sharing cluster, not just as a hot spare. Working out the details of how to manage any shared state, such as query history.• 2019 acquisition list is now in Wil O'Mullane's hands; some cost-limitation exercises are in progress. Fritz Mueller : it may not be possible to do a full refresh of the PDAC QServ cluster. Will provide Wil O'Mullane the needed details later today.<ul style="list-style-type: none">• Confluence page: Processing and data service requirements: FY 2019• Fritz Mueller link for additional datasets page?
	SLAC	Fritz Mueller	<ul style="list-style-type: none">• Google proof-of-concept work (Vaikunth Thukral) progressing well. Part of the WISE dataset on QServ in Google Cloud. Their "quasi-local" storage seems to be working quite well. Would like Gregory Dubois-Felsmann to do some behavior/performance evaluation.• Christine Banek's CADC TAP service evaluation: up and running, will demo at workshop, apparently have Gaia data loaded. Concerns about how we would integrate LSST A&A, handle multiple database backends. Their original authorization was based on X.509, which we can't directly adopt.• Short discussion of image service.• Kenny Lo working on TAP_SCHEMA.• WebDAV situation: blocked by A&A concerns. Could set up a standard Apache WebDAV. Discussion of the priorities. Probably not worth it, should focus on a proper A&A design.<ul style="list-style-type: none">• Brian has an idea for how to set up an nginx-based WebDAV, may be easier than the xrootd approach we were previously considering.• Discussion of shared workspace• TAP UPLOAD?
	IPAC	Unknown User (xiuqin)	<ul style="list-style-type: none">• Would like to give demos of recent JupyterLab extension work, as well as the (detection) Footprint viewer. Discussion of reclaiming a bit of the next-to-DB time in the workshop for this.
	SQuaRE	Simon Krughoff	<ul style="list-style-type: none">• Continuing experiments with Dask. "Promising but confusing."• Discussion of the role of jupyterlabdemo.lsst.codes and the need for test and development platforms.

Action items

