

# 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](#)
- [Unknown User \(mbutler\)](#)
- [Fabio Hernandez](#)
- [Kian-Tat Lim](#)

## Goals

## Discussion items

Time	Item	Who	Notes
	NCSA	<a href="#">Unknown User (mbutler)</a>	<ul style="list-style-type: none"><li>• AAIM: federated A&amp;A will be rolled out next week<ul style="list-style-type: none"><li>◦ still waiting for audit component (performs annual check on all identities)</li><li>◦ web app for registering identities all set</li><li>◦ expecting documentation at rollout</li><li>◦ <a href="#">Kian-Tat Lim</a> : there are two parts, right? Github linkage</li></ul></li><li>• All 2018 acquisitions are complete<ul style="list-style-type: none"><li>◦ 2nd QServ master hardware handed over a week or two ago</li><li>◦ <a href="#">Fritz Mueller</a> &amp; <a href="#">Igor Gaponenko</a> : 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"><li>▪ Current version of QServ doesn't support actually running multiple masters simultaneously. Primarily a matter of configuration.</li><li>▪ 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.</li></ul></li></ul></li><li>• 2019 acquisition list is now in <a href="#">Wil O'Mullane</a>'s hands; some cost-limitation exercises are in progress. <a href="#">Fritz Mueller</a> : it may not be possible to do a full refresh of the PDAC QServ cluster. Will provide <a href="#">Wil O'Mullane</a> the needed details later today.<ul style="list-style-type: none"><li>◦ Confluence page: <a href="#">Processing and data service requirements: FY 2019</a></li><li>◦ <a href="#">Fritz Mueller</a> link for additional datasets page?</li></ul></li></ul>
	SLAC	<a href="#">Fritz Mueller</a>	<ul style="list-style-type: none"><li>• Google proof-of-concept work (<a href="#">Vaikunth Thukral</a>) progressing well. Part of the WISE dataset on QServ in Google Cloud. Their "quasi-local" storage seems to be working quite well. Would like <a href="#">Gregory Dubois-Felsmann</a> to do some behavior/performance evaluation.</li><li>• <a href="#">Unknown User (cbaneke)</a>'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&amp;A, handle multiple database backends. Their original authorization was based on X.509, which we can't directly adopt.</li><li>• Short discussion of image service.</li><li>• <a href="#">Kenny Lo</a> working on TAP_SCHEMA.</li><li>• WebDAV situation: blocked by A&amp;A concerns. Could set up a standard Apache WebDAV. Discussion of the priorities. Probably not worth it, should focus on a proper A&amp;A design.<ul style="list-style-type: none"><li>◦ Brian has an idea for how to set up an nginx-based WebDAV, may be easier than the xrootd approach we were previously considering.</li></ul></li><li>• Discussion of shared workspace</li><li>• TAP UPLOAD?</li></ul>
	IPAC	<a href="#">Unknown User (xiuqin)</a>	<ul style="list-style-type: none"><li>• 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.</li></ul>
	SQuaRE	<a href="#">Simon Krughoff</a>	<ul style="list-style-type: none"><li>• Continuing experiments with Dask. "Promising but confusing."</li><li>• Discussion of the role of jupyterlabdemo.lsst.codes and the need for test and development platforms.</li></ul>

## Action items

