

LSP Integration and PDAC Meeting 2019-06-27

Date

27 Jun 2019

Attendees

- Gregory Dubois-Felsmann
- Colin Slater
- Simon Krughoff
- Fritz Mueller
- Frossie Economou
- Fabio Hernandez
- Brian Van Klaveren
- Kian-Tat Lim
- Unknown User (npease)

Goals

Discussion items

Time	Item	Who	Notes
	Changing the meeting schedule	Frossie Economou	<ul style="list-style-type: none">• Frossie has sent out a poll for a new consolidated LSP meeting time; we're looking for a weekly meeting slot that will replace both this (biweekly) meeting and the LSP standup. https://doodle.com/poll/dsk8qyk47pzv7kxc
	DAX status	Fritz Mueller	<ul style="list-style-type: none">• Kenny Lo on vacation• Unknown User (cbanek) working on TAP auth, including on the Python client side• Assisted with Sunday restart; brief discussion of why some images had to be rebuilt• Future issues:<ul style="list-style-type: none">◦ ObsTAP – data provided by Gregory Dubois-Felsmann would need to be loaded into non-partitioned Qserv table. Tooling for this is rusty. gpdf says it's OK to do this after the ingest tooling is cleaned up this cycle. Prerequisite for HSC-loaded milestone.◦ Integration of DB tables with ObsCore-format and CAOM2-format image metadata with Butler Gen3 registry database – needs to be understood this cycle. Prerequisite for HSC-loaded milestone. Fritz Mueller has the action to set up a design discussion when time permits.
	SUIT status	Gregory Dubois-Felsmann	<ul style="list-style-type: none">• Tatiana Goldina completed development of the WebDAV client changes needed to support the restricted-depth-PROPFIND WebDAV service that LSST is running, on a branch, test servers running at IPAC, gpdf and others to do testing, will get merged when she returns after 11 Jul 2019.• Kian-Tat Lim : reminder that lsst-demo Firefly server failed to come back on its own after the power outage. Kian-Tat Lim restarted the Firefly container, then the proxy, and then Loi Ly restarted the proxy; after the second proxy restart it seemed stable for a day or two. David Shupe found it unresponsive again this morning. Unclear why it is suddenly flaky; it had been stable for a long time and nothing was deliberately changed. Gregory will ask Loi to investigate.
	WebDAV & auth	Brian Van Klaveren	<ul style="list-style-type: none">• Rebase WebDAV containers off of nginx containers; in order to latest version of DAV extension, we need to build dynamic nginx modules in a build stage in Dockerfile<ul style="list-style-type: none">◦ https://github.com/lsst/dav/pull/4/files• A&A: productized with Adam Thornton; Adam was able to install from scratch (on lsst-lsp-int) based on this work• Need to ensure that it can be run on the k8s-ncsa cluster so that NCSA can test A&A against new versions of Kubernetes, etc.• Discussion of whether k8s-ncsa needs to have an LSP instance; consensus (I think): no plan to run a <i>persistent</i> instance there, but it makes sense to check that it <i>can</i> be done from the LSP service configurations, so that NCSA itself can test to see whether new versions of Kubernetes, etc., cause problems with the LSP.
	Deployment of A&A to lsst-lsp-stable		<ul style="list-style-type: none">• Frossie Economou : will coordinate when this will happen (not on a Friday)• Brian Van Klaveren : we also need to reschedule the upgrade of the ingress<ul style="list-style-type: none">◦ Do this first on lsst-lsp-int. It's up to NCSA whether they want to do it on k8s-ncsa as well.◦ Then roll upgraded ingress out to lsst-lsp-stable; only then consider rolling out A&A to lsst-lsp-stable. Fritz Mueller: remember lesson-learned: don't change several things at once.

Action items

- ☑ Frossie Economou 01 Jul 2019 Propose a date for the rollout of the LSP A&A system to lsst-lsp-stable