

PDAC Meeting 2017-04-20

Date

20 Apr 2017


Attendees

- Gregory Dubois-Felsmann
- Unknown User (pdomagala)
- Fabio Hernandez
- Kian-Tat Lim
- Unknown User (xiuqin)
- Simon Krughoff
- David Shupe
- Igor Gaponenko
- Brian Van Klaveren
- Fritz Mueller

Goals

- Review user feedback and current development issues for PDAC

Discussion items

Time	Item	Who	Notes
	metaS erv status	Brian Van Klaveren	<ul style="list-style-type: none">• Rebuilding after Jenkins, etc., issues• Will try to generate a new Docker container today, load data today or tomorrow, targeting tomorrow afternoon (21 Apr 2017) for a running service• Have metadata for SDSS available to serve, created in a group work session that went through all the columns in the current PDAC data• Do not have WISE metadata yet• Looking into future mechanisms for carrying metadata along with data arising as afw.table outputs, so that these problems do not arise• SQLite export of query results from dbserve would facilitate providing metadata packaged along with the query results• IBE XML export of WISE metadata appears to contain units and descriptions, but not UCDs. Wondering whether the new TAP interface at IPAC could be used to populate the UCDs. Unknown User (xiuqin) will find out who would be the best point of contact for Igor Gaponenko at IPAC on this.<ul style="list-style-type: none">◦ Unknown User (xiuqin) IRSA has not populated the UCD for its TAP service. It is in development.• Discussion of the time required to build Docker containers and other Jenkins, CI, etc. issues, some of which are brakes on the speed of the develop/deploy/test cycle.<ul style="list-style-type: none">◦ Fritz Mueller: in particular, qserv container builds needed for testing and deployment in the PDAC were stalled behind a Doxygen s3 upload that took >10hrs! A discussion with SQuaRE and NCSA about what could be done to address this would be very much appreciated. (Log here: https://ci.lsst.codes/job/release/job/run-rebuild/36/console)
	WISE data status	SLAC & IPAC	<div> DM-9372 - Jira project doesn't exist or you don't have permission to view it.</div> <ul style="list-style-type: none">• Image metadata so far only loaded for coadds ("atlas images" in WISE-speak). Unclear which of many other available tables from the WISE sub-missions should be loaded into PDAC. IPAC folks will provide some specific recommendations.<ul style="list-style-type: none">☑ Gregory Dubois-Felsmann, Unknown User (xiuqin): Review IPAC image metadata tables and make recommendation to Igor Gaponenko. 27 Apr 2017• Technological issue with Qserv in doing joins across multiple databases. Exposed by trying to load the AllWISE "Reject Table". Also relevant to doing joins across SDSS, WISE or across LSST, Gaia in Qserv. John Gates working on this. Database group does expect to support multiple databases with different director tables as long as they have the same spatial sharding definition.
	Planning	Gregor y Dubois- Felsma nn	Wil O'Mullane expects to make a statement of direction for PDAC in the next few days, which will require us to firm up the PDAC road map for this year and beyond. I will start using part of each of these meetings to work on that.

	User feedba ck	Krzysztof Suberlak	<ul style="list-style-type: none"> • Has been working on his report, putting it into LSST LaTeX template format. Unknown User (ciardi) provided feedback on how to format the report. • Some of what has been reported: <ul style="list-style-type: none"> ◦ Bugs in time series viewer. One has been fixed, but now cannot get to time series viewer at all. ◦ Bugs in periodogram service related to filter selection, display of unexpected data • Current version of report is here: https://github.com/lsst-dmsst/PDAC_report/blob/master/main.pdf • Some discussion of whether the home of the report needs to be moved to make it a DMTN. Will discuss at the DM-SST meeting tomorrow.
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Action items

