

DM Leadership Team Meeting 2017-04-03

Location

Browser	Room System	Phone Dial-in
https://bluejeans.com/293724745/	<ol style="list-style-type: none">1. Dial: 199.48.152.152 or bjn.vc2. Enter Meeting ID: 293724745 -or- use the pairing code	Dial-in numbers: <ul style="list-style-type: none">• +1 408 740 7256• +1 888 240 2560 (US Toll Free)• +1 408 317 9253 (Alternate Number) Meeting ID: 293724745

(back to the [list of all DMLT meeting minutes](#))

Time

10:00am PT

Attendees

- [Unknown User \(lpetrick\)](#)
- [Unknown User \(xiuqin\)](#)
- [Unknown User \(ciardi\)](#)
- [Gregory Dubois-Felsmann](#)
- [Tim Jenness](#)
- [Eric Bellm](#)
- [Mario Juric](#)
- [Zeljko Ivezic](#)
- [Kian-Tat Lim](#)
- [Donald Petravick](#)
- [Robert Lupton](#)
- [Jeff Kantor](#)
- [John Swinbank](#)
- [Fritz Mueller](#)

Regrets:

- [Michael Wood-Vasey](#)
- [Frossie Economou](#)
- [Jim Bosch](#)
- [Margaret Gelman](#)
- [Wil O'Mullane](#)
- [Victor Krabbendam](#)

DMLT Meeting Goals

- Weekly meeting to keep the DM leadership team **coordinated, informed, and in agreement** on the **vision, priorities, and challenges** facing DM construction, including **surfacing and resolving issues and ambiguities needing our attention**. The goal of this meeting is to provide information and decisions that help each one of us better direct our own (or our team's) activities.

Discussion Items

Guidelines: Propose items in line with the meeting rationale (see above); include as much information in the agenda notes; summarize, don't go into details while on the call; maximize time available for discussion.

Time	Item	Who	Notes
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15 min	Overdue RFCs	Tim Jenness	<p>RFCs with "Planned end" past "now".</p> <table border="1"> <thead> <tr> <th>Key</th> <th>Summary</th> <th>T</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>RFC-675</td> <td>Add HoloViz and geopandas to the distributed stack</td> <td></td> <td>PROPOSED</td> </tr> <tr> <td>RFC-662</td> <td>Adopt Parquet as user facing columnar data format for LSST catalog data</td> <td></td> <td>PROPOSED</td> </tr> <tr> <td>RFC-652</td> <td>Explicitly add ObsTAP support to the LSP requirements, LDM-554</td> <td></td> <td>PROPOSED</td> </tr> <tr> <td>RFC-651</td> <td>Explicitly add TAP UPLOAD (temporary-table-upload-and-join) to the LSP DAX and database requirements</td> <td></td> <td>PROPOSED</td> </tr> <tr> <td>RFC-638</td> <td>Convolution with bitwise_and multiplication for masked images</td> <td></td> <td>PROPOSED</td> </tr> </tbody> </table> <p>5 issues</p> <ul style="list-style-type: none"> RFC-305 - Define lsst_apps, lsst_obs, lsst_distrib in pipelines.lsst.io WITHDRAWN will be dealt with soon. RFC-280 - Remove or disable daf::base::Citizen IMPLEMENTED has been postponed for two more weeks. 	Key	Summary	T	Status	RFC-675	Add HoloViz and geopandas to the distributed stack		PROPOSED	RFC-662	Adopt Parquet as user facing columnar data format for LSST catalog data		PROPOSED	RFC-652	Explicitly add ObsTAP support to the LSP requirements, LDM-554		PROPOSED	RFC-651	Explicitly add TAP UPLOAD (temporary-table-upload-and-join) to the LSP DAX and database requirements		PROPOSED	RFC-638	Convolution with bitwise_and multiplication for masked images		PROPOSED
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5 min	Outstanding DMLT actions		See links and action item report below.																								
30 min	Change Control Board report	Gregory Dubois-Felsmann, Tim Jenness	<p>See also Change requests of interest to DM.</p> <ul style="list-style-type: none"> There was some discussion on the proposed HeavyFootprints change request (DM-9962 - Write proposal for storing coadd HeavyFootprints DONE). There was some confusion as to whether HeavyFootprints were already in the baseline or not. Unknown User (ciardi) reported that he would send round a draft of the science case for PVI archiving by the end of today. Kian-Tat Lim will provide the sizing and costing estimate. Gregory Dubois-Felsmann requested clarification regarding whether we are truly promising to deliver dynamically generated products from old data releases. He is worried that there is a hidden cost to promising this that has not been included in the plan and will write up a short note explaining the issues. LSR-REQ-0049 could be read either way. This has some impact on the costing of LCR-908 requesting that we archive all old data releases on disk, since it might imply that we have to include generation of virtual products from an older release, or alternatively, it might imply that we are saving compute resources by no longer having to provide these data products from raw data. Kian-Tat Lim agreed to cost the three proposed changes described above. Mario Juric agreed to provide clarifications for LCR-908 as needed. 																								
5 min	HSC PDR1 processing on LSST-VC	John Swinbank	<p>Notes circulated to DMLT, 2017-03-31 are available from S17B HSC PDR1 reprocessing.</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> John Swinbank provide a description of "data challenge" style processing (if any) to be carried out by DRP during F17 (attach to Data Processing End to End Testing). 10 Apr 2017 DM-10404 - Document plans for DRP "data challenges" during F17 DONE <input checked="" type="checkbox"/> John Swinbank to add notes on HSC PDR1 processing in S17 to Data Processing End to End Testing. 10 Apr 2017 																								
5 min	Attendance at major meetings		<p>Discuss DM attendance at:</p> <ul style="list-style-type: none"> DMLT F2F meeting - early May in Seattle? See Doodle poll results: http://doodle.com/poll/4tuvn5ew2ndemid9 <ul style="list-style-type: none"> Kian-Tat Lim reported after the meeting that Wil O'Mullane has decided upon 09 May 2017 to 11 May 2017 (DM Leadership Team Meeting 2017-05-09 to 11, Face-to-Face) 																								
	DMLT Travel & Availability This Week		<p>NOTE CHANGES TO TRAVEL POLICY: 1) Due to concerns regarding liability, safety and consumer protection, AURA has determined that the use of online rental services such as AirBnB, VRBO, and Homeaway are no longer permitted for official AURA business travel, therefore Erin will not book this type of lodging. 2) Continental breakfast (danish, pastries, bagels, etc.) is considered a full meal and will reduce breakfast per diem accordingly.</p> <p>Gregory Dubois-Felsmann will be on vacation on Tuesday and Friday (04 Apr 2017 and 07 Apr 2017).</p>																								
Matters arising																											

Postponed for subsequent DMLT / proposed for future DMLT:

Time	Item	Who	Notes
	Add new items here....		

Past action items

- See the [report on all outstanding DMLT meeting action items](#) (Confluence tasks)
- See the [report on all outstanding JIRA issues assigned to the DMLT team](#) (includes DMLT label as well for historical reasons)

Recently created open actions (from the ~previous two DMLT meetings):

Description	Due date	Assignee	Task appears on
<input type="checkbox"/> Colin Slater — ensure change control policy for BaselineSchema.yaml is documented. 06 Apr 2020	06 Apr 2020	Colin Slater	DM Leadership Team Virtual Face-to-Face Meeting, 2020-02-25 to 27
<input type="checkbox"/> Eric Bellm — submit an LCR describing changes to the construction plan to enable incremental template generation. 30 Mar 2020	30 Mar 2020	Eric Bellm	DM Leadership Team Virtual Face-to-Face Meeting, 2020-02-25 to 27
<input type="checkbox"/> Fritz Mueller — report on progress on Cassandra / APDB to the DMLT. 23 Mar 2020	23 Mar 2020	Fritz Mueller	DM Leadership Team Virtual Face-to-Face Meeting, 2020-02-25 to 27
<input type="checkbox"/> Fritz Mueller — find somebody to update the online schema browser. 06 Apr 2020	06 Apr 2020	Fritz Mueller	DM Leadership Team Virtual Face-to-Face Meeting, 2020-02-25 to 27
<input type="checkbox"/> Frossie Economou — get JS9 and Ginga integrated into the LSP JupyterLab environment (date TBC). 04 May 2020	04 May 2020	Frossie Economou	DM Leadership Team Virtual Face-to-Face Meeting, 2020-02-25 to 27
<input type="checkbox"/> Gabriele Comoretto & Architecture team — ensure a version of the detailed DM product tree (LDM-ized version of DMTN-104) is baselined. 28 Apr 2020	28 Apr 2020	Gabriele Comoretto	DM Leadership Team Face-to-Face Meeting, 2019-10-28 to 30
<input type="checkbox"/> Kian-Tat Lim & Michelle Butler — propose a design and schedule for deploying a rapid processing system at the LDF. 06 Apr 2020	06 Apr 2020	Kian-Tat Lim	DMLT Meeting - 2020-03-02
<input type="checkbox"/> Leanne Guy , Robert Gruendl , Kian-Tat Lim — clarify exactly of what Robert is product owner. 13 Apr 2020	13 Apr 2020	Leanne Guy	DMLT Meeting - 2020-03-30
<input type="checkbox"/> Leanne Guy — present status on RC2 ingest to Qserv at May DMLT. 05 May 2020	05 May 2020	Leanne Guy	DM Leadership Team Virtual Face-to-Face Meeting, 2020-02-25 to 27
<input type="checkbox"/> Leanne Guy — produce a plan for interaction between the DPDD and the concrete SDM schema. DM-23818 - Getting issue details... STATUS 04 May 2020	04 May 2020	Leanne Guy	DM Leadership Team Virtual Face-to-Face Meeting, 2020-02-25 to 27