

DMCCB#21 (2019 - 07 - 17)

Location

Browser	Room System	Phone Dial-in
https://bluejeans.com/761546516/	<ol style="list-style-type: none">1. Dial: 199.48.152.152 or bjn.vc2. Enter Meeting ID: 761546516 -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: 761546516

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Time

From 9.00 to 09.30 PT, Wednesday, July the 17th.

Attendees

- [Kian-Tat Lim](#)
- [John Swinbank](#)
- [Michelle Butler](#)
- [Colin Slater](#)
- [Gabriele Comoretto](#)
- [Tim Jenness](#)
- [Wil O'Mullane](#)

Regrets

- [Leanne Guy](#) (DESC meeting)

DMCCB Meeting Goals

- See DMCCB responsibilities listed in [LDM-294](#) section 7.4











DMCCB Additional Resources











- [#dm-ccb](#) slack channel

Discussion Items

Item	Description	CCB Notes
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<p>Flagged RFCs</p> <p>(To be approved by the DMCCB)</p>	<p> RFC-593 - Interval, sphgeom API consistency, and other enhancements to the geom package ADOPTED</p> <p>Planned end: Jun/14/2019</p> <p> RFC-605 - Add camera parity to Camera geometry ADOPTED</p> <p>Planned end: Jun/26/2019</p> <p> RFC-644 - Accept new DM Verification Control Document (LDM-692) IMPLEMENTED</p> <p>Planned end: Jul/15/2019</p> <p> RFC-642 - Accept updated version of Qserv Software Test Specification (LDM-552) IMPLEMENTED</p> <p>Planned end: Jul/15/2019</p> <p> RFC-643 - Split LDM-152 Middleware Design IMPLEMENTED</p> <p>Planned end: Jul/12/2019</p> <p> RFC-644 - Update LDM-148 DM design IMPLEMENTED</p> <p>Planned end: Jul/13/2019</p> <p> RFC-645 - cost model updated (LDM-144) WITHDRAWN</p> <p>Planned end: Jul/18/2019</p> <p> RFC-647 - Update HSC's focal plane camera geometry to use units of millimeters IMPLEMENTED</p> <p>Planned end: Aug/02/2019</p> <p> RFC-648 - Science Pipelines release 18.1.0 IMPLEMENTED</p> <p>Planned end: Jul/23/2019</p> <p> RFC-649 - Accept new Software Release Management document (LDM-672) IMPLEMENTED</p> <p>Planned end: Jul/19/2019</p>	<ul style="list-style-type: none"> • RFC-593: end date moved to July 31 • RFC-605: seems fine, but RLupton would like this to be fixed somewhere else <ul style="list-style-type: none"> • Technote could be written but no time for it • To keep on hold: to move the end date one week • RFC-617: for the CCB point of view it is fine. Add a comment. • RFC-611: <ul style="list-style-type: none"> • section 3 to be renamed Verification Control • Ready to be adopted • RFC-612: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Michelle Butler to read LDM-552 <input checked="" type="checkbox"/> Gabriele Comoretto to add a draft in DocuShare for LDM-552 • RFC-613: LDM-152 <ul style="list-style-type: none"> • so far no problems from the DMCCB, the • RFC-614: LDM-148 <ul style="list-style-type: none"> • new product tree and some minor changes • OK • RFC-615: LDM-144 <ul style="list-style-type: none"> • Kian-Tat Lim has a look and changes seems reasonable, some concerns about costs increasing • Michelle Butler the model used to do this estimation is quite old, and it should be reviewed • Kian-Tat Lim suggests not to modify the baseline, but to submit the document to the review as a draft. • DM-CCB decided not to Board Recommend the RFC and review the document trying to reduce the costs. • RFC-619: LDM-672 <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Gabriele Comoretto to add a draft in DocuShare of LDM-672
<p>Board Recommended RFCs</p>	<p> RFC-606 - Add meas_extensions_scarlet to Isst_distrib IMPLEMENTED</p> <p>Planned end: Jul/01/2019</p>	
<p>Adopted but not implemented LDM RFCs (only document RFCs)</p>	<p>None</p>	
<p>Proposed RFCs</p> <p>(to review, do not require DMCCB approval)</p>	<p> RFC-646 - New approach to the WCS of raw exposures IMPLEMENTED</p> <p>Planned end: Jul/19/2019</p> <p> RFC-585 - Replace AmpInfo table objects with a regular class IMPLEMENTED</p> <p>Planned end: Jun/14/2019</p>	<ul style="list-style-type: none"> • no comments.
<p>Adopted RFCs without Triggering issues</p> <p>(to create implementing DM issues)</p>	<p> RFC-607 - Mechanism for deprecating Config Fields IMPLEMENTED</p>	<p>RFC-607 has a triggered ticket as of shortly after this page being published. (Thanks, Tim Jenness)</p>

<p>Adopted RFCs with all triggered work COMPLETED</p> <p>(to set status as 'IMPLEMENTED')</p>	<p> RFC-599 - Split up ci_hsc and introduce a ci_hsc for generation 3 middleware IMPLEMENTED</p>	
<p>RFCs adopted since last CCB</p> <p>(to review, no action required)</p>	<p> RFC-608 - Accept new version of LDM-503 as baseline IMPLEMENTED</p> <p> RFC-609 - Accept new version of LDM-564 as baseline. IMPLEMENTED</p> <p> RFC-610 - Accept updated version of DPDD (LSE-163) IMPLEMENTED</p>	
<p>RFCs implemented since last CCB</p> <p>(to review, no action required)</p>	<p> RFC-610 - Accept updated version of DPDD (LSE-163) IMPLEMENTED</p> <p> RFC-602 - Adopt initial versions of Offline Batch Production Service Use Cases and Requirements IMPLEMENTED</p> <p> RFC-604 - Adopt initial version of Data Backbone Requirements IMPLEMENTED</p> <p> RFC-608 - Accept new version of LDM-503 as baseline IMPLEMENTED</p> <p> RFC-609 - Accept new version of LDM-564 as baseline. IMPLEMENTED</p>	
<p>Changes to the planned releases</p>	<ul style="list-style-type: none"> • 18.0.0 Release status <ul style="list-style-type: none"> • Release completed. <p> DM-19147 - Release LSST Science</p> • Pipelines version 18.0 DONE • Next Releases: <ul style="list-style-type: none"> • proposed 18.1.0 as per RFC-618 	<ul style="list-style-type: none"> • RFC-618: DMCCB is fine <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Gabriele Comoretoto open a Jira issue for the 18.1.0 release and comment on the RFC-618, release to be available in 2 weeks

<p>Monitor Jira issues status:</p> <ul style="list-style-type: none"> the most forgotten 10 DM issues <ul style="list-style-type: none"> (resolution = Unresolved ORDER by updated asc) 	<p>Support to J. Swinbank monitoring activity</p> <ol style="list-style-type: none">  DM-2918 - the test for processCcd should test astrometry and color term correction TO DO  DM-1163 - Deal with optional packages in install TO DO  DM-1248 - Isst_build prepre.py VersionDbGit. commit sets dirty, which is ignored WON'T FIX  DM-1643 - Modify eupspkg's generated build.sh to be reusable TO DO  DM-5176 - Running runQuery.py for a long time causes mysql-proxy to crash TO DO  DM-5184 - Issue with patches section of third-party packages developer doc DONE  DM-954 - Clearer and shorter output for qserv-configure.py TO DO  DM-1169 - User-friendly install/configure/test scripts WON'T FIX  DM-4048 - Replace QsRestrictor::PtrVector With std::vector<QsRestrictor> and use move constructor INVALID  DM-4047 - Add fake secondary index to testIndexMap.cc TO DO <p>3957 unresolved issues (3937 on July the 10th)</p>	<ul style="list-style-type: none"> DM-2918 still valid. Bumped ticket. DM-5184 now in review done.
Open Actions		
AOB		<input checked="" type="checkbox"/> Gabriele Comoretoto open a Jira issue to update the DevGuida with John's proposed deprecation procedure in DM-20119
Next DM-CCB		July the 24

Pending Flagged RFCs

Key	Summary
RFC-674	Adopt new document LDM-732
RFC-671	Update LDM-142

2 issues

Pending Proposed RFCs

Key	Summary
RFC-681	Proposed LCR to support incremental template building
RFC-680	Add Kernel Hough Transform as third-party package
RFC-675	Add HoloViz and geopandas to the distributed stack
RFC-662	Adopt Parquet as user facing columnar data format for LSST catalog data

RFC-652	Explicitly add ObsTAP support to the LSP requirements, LDM-554
RFC-651	Explicitly add TAP UPLOAD (temporary-table-upload-and-join) to the LSP DAX and database requirements
RFC-638	Convolution with bitwise_and multiplication for masked images

7 issues

Oldest issues

Key	Summary
DM-3165	"SELECT DISTINCT foo FROM LSST.Filter AS f" shouldn't require a merge step
DM-2296	Rewriting column names in SQL queries derails Qserv
DM-1758	Spatial restrictors on child tables are not handled properly
DM-1976	Fix SQL using join and "select alias.fieldname"
DM-2860	Add support for ORDER BY expressions
DM-2378	Determine if MERGE_ERROR handling is correct
DM-2311	Fix select expression ""SELECT *, NULL as poly"
DM-5211	"SELECT y_flagNegative from Object where y_flagNegative != (1)" crash Qserv master
DM-1985	Reject queries involving qserv_areaSpec_box on non-partitioned tables
DM-3972	Convert Qserv restrictor names to const int in C++ code
DM-7960	CalibTaskRunner doesn't set log MDC
DM-7958	Logging and other features not used when batchType is None
DM-7997	Bring --logdest back to command line task option
DM-2996	Understand and improve error code management
DM-7934	Set FitSipDistortionTask as default and remove FitTanSipWcsTask (etc)
DM-8089	Reconsider TAN-SIP low-order nulling
DM-8098	Minor improvements to astrometry fitter tests
DM-8075	obs_IsstSim allows a given pupil coordinate point to fall on two wavefront sensors
DM-8170	Catalogs should have a version number
DM-8219	makeLinearizer produces pickle files with .fits extension

Showing 20 out of 3975 issues

Meeting outcome

Pending DMCCB Actions

Description	Due date	Assignee	Task appears on
<input type="checkbox"/> Leanne Guy to review LDM-732 (RFC-674) 06 Mar 2020	06 Mar 2020	Leanne Guy	DMCCB#42 (2020 - 03 - 04)

[Kian-Tat Lim](#) to clarify the process to add new packages to the conda environment

[Kian-Tat Lim](#)

[DMCCB#42 \(2020 - 03 - 04\)](#)

[Colin Slater](#) to follow up RFC-662

[Colin Slater](#)

[DMCCB#42 \(2020 - 03 - 04\)](#)
