

# DMCCB#21 (2019 - 07 - 17)

## Location

Browser	Room System	Phone Dial-in
<a href="https://bluejeans.com/761546516/">https://bluejeans.com/761546516/</a>	<ol style="list-style-type: none"><li>1. Dial: 199.48.152.152 or <a href="#">bjn.vc</a></li><li>2. Enter Meeting ID: 761546516 -or- use the pairing code</li></ol>	Dial-in numbers: <ul style="list-style-type: none"><li>• +1 408 740 7256</li><li>• +1 888 240 2560 (US Toll-Free)</li><li>• +1 408 317 9253 (Alternate Number)</li></ul> 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> <b>RFC-593</b> - Interval, sphgeom API consistency, and other enhancements to the geom package <span>ADOPTED</span></p> <p>Planned end: Jun/14/2019</p> <p> <b>RFC-605</b> - Add camera parity to Camera geometry <span>ADOPTED</span></p> <p>Planned end: Jun/26/2019</p> <p> <b>RFC-614</b> - Accept new DM Verification Control Document (LDM-692) <span>IMPLEMENTED</span></p> <p>Planned end: Jul/15/2019</p> <p> <b>RFC-612</b> - Accept updated version of Qserv Software Test Specification (LDM-552) <span>IMPLEMENTED</span></p> <p>Planned end: Jul/15/2019</p> <p> <b>RFC-613</b> - Split LDM-152 Middleware Design <span>IMPLEMENTED</span></p> <p>Planned end: Jul/12/2019</p> <p> <b>RFC-614</b> - Update LDM-148 DM design <span>IMPLEMENTED</span></p> <p>Planned end: Jul/13/2019</p> <p> <b>RFC-615</b> - cost model updated (LDM-144) <span>WITHDRAWN</span></p> <p>Planned end: Jul/18/2019</p> <p> <b>RFC-617</b> - Update HSC's focal plane camera geometry to use units of millimeters <span>IMPLEMENTED</span></p> <p>Planned end: Aug/02/2019</p> <p> <b>RFC-618</b> - Science Pipelines release 18.1.0 <span>IMPLEMENTED</span></p> <p>Planned end: Jul/23/2019</p> <p> <b>RFC-619</b> - Accept new Software Release Management document (LDM-672) <span>IMPLEMENTED</span></p> <p>Planned end: Jul/19/2019</p>	<ul style="list-style-type: none"> <li>• RFC-593: end date moved to July 31</li> <li>• RFC-605: seems fine, but RLupton would like this to be fixed somewhere else <ul style="list-style-type: none"> <li>• Technote could be written but no time for it</li> <li>• To keep on hold: to move the end date one week</li> </ul> </li> <li>• RFC-617: for the CCB point of view it is fine. Add a comment.</li> <li>• RFC-611: <ul style="list-style-type: none"> <li>• section 3 to be renamed Verification Control</li> <li>• Ready to be adopted</li> </ul> </li> <li>• RFC-612: <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Michelle Butler to read LDM-552</li> <li><input checked="" type="checkbox"/> Gabriele Comoretto to add a draft in DocuShare for LDM-552</li> </ul> </li> <li>• RFC-613: LDM-152 <ul style="list-style-type: none"> <li>• so far no problems from the DMCCB, the</li> </ul> </li> <li>• RFC-614: LDM-148 <ul style="list-style-type: none"> <li>• new product tree and some minor changes</li> <li>• OK</li> </ul> </li> <li>• RFC-615: LDM-144 <ul style="list-style-type: none"> <li>• Kian-Tat Lim has a look and changes seems reasonable, some concerns about costs increasing</li> <li>• Michelle Butler the model used to do this estimation is quite old, and it should be reviewed</li> <li>• Kian-Tat Lim suggests not to modify the baseline, but to submit the document to the review as a draft.</li> <li>• DM-CCB decided not to Board Recommend the RFC and review the document trying to reduce the costs.</li> </ul> </li> <li>• RFC-619: LDM-672 <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Gabriele Comoretto to add a draft in DocuShare of LDM-672</li> </ul> </li> </ul>
<p>Board Recommended RFCs</p>	<p> <b>RFC-606</b> - Add meas_extensions_scarlet to Isst_distrib <span>IMPLEMENTED</span></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> <b>RFC-616</b> - New approach to the WCS of raw exposures <span>IMPLEMENTED</span></p> <p>Planned end: Jul/19/2019</p> <p> <b>RFC-585</b> - Replace AmpInfo table objects with a regular class <span>IMPLEMENTED</span></p> <p>Planned end: Jun/14/2019</p>	<ul style="list-style-type: none"> <li>• no comments.</li> </ul>
<p>Adopted RFCs without Triggering issues</p> <p>(to create implementing DM issues)</p>	<p> <b>RFC-607</b> - Mechanism for deprecating Config Fields <span>IMPLEMENTED</span></p>	<p>RFC-607 has a triggered ticket as of shortly after this page being published. (Thanks, <a href="#">Tim Jenness</a> )</p>

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

<p>Monitor Jira issues status:</p> <ul style="list-style-type: none"> <li>the most forgotten 10 DM issues <ul style="list-style-type: none"> <li>(resolution = Unresolved ORDER by updated asc)</li> </ul> </li> </ul>	<p>Support to J. Swinbank monitoring activity</p> <ol style="list-style-type: none"> <li> <b>DM-2918</b> - the test for processCcd should test astrometry and color term correction <b>TO DO</b></li> <li> <b>DM-1163</b> - Deal with optional packages in install <b>TO DO</b></li> <li> <b>DM-1248</b> - Isst_build prepre.py VersionDbGit. commit sets dirty, which is ignored <b>WON'T FIX</b></li> <li> <b>DM-1643</b> - Modify eupspkg's generated build.sh to be reusable <b>TO DO</b></li> <li> <b>DM-5176</b> - Running runQuery.py for a long time causes mysql-proxy to crash <b>TO DO</b></li> <li> <b>DM-5184</b> - Issue with patches section of third-party packages developer doc <b>DONE</b></li> <li> <b>DM-954</b> - Clearer and shorter output for qserv-configure.py <b>TO DO</b></li> <li> <b>DM-1169</b> - User-friendly install/configure/test scripts <b>WON'T FIX</b></li> <li> <b>DM-4048</b> - Replace QsRestrictor::PtrVector With std::vector&lt;QsRestrictor&gt; and use move constructor <b>INVALID</b></li> <li> <b>DM-4047</b> - Add fake secondary index to testIndexMap.cc <b>TO DO</b></li> </ol> <p>3957 unresolved issues (3937 on July the 10th)</p>	<ul style="list-style-type: none"> <li>DM-2918 still valid. Bumped ticket.</li> <li>DM-5184 now <del>in review</del> done.</li> </ul>
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
<a href="#">RFC-674</a>	<a href="#">Adopt new document LDM-732</a>
<a href="#">RFC-671</a>	<a href="#">Update LDM-142</a>

2 issues

### Pending Proposed RFCs

Key	Summary
<a href="#">RFC-682</a>	<a href="#">Add the "scikit-image" package to scipipe_conda_env</a>
<a href="#">RFC-681</a>	<a href="#">Proposed LCR to support incremental template building</a>
<a href="#">RFC-680</a>	<a href="#">Add Kernel Hough Transform as third-party package</a>
<a href="#">RFC-675</a>	<a href="#">Add HoloViz and geopandas to the distributed stack</a>

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

8 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_lsstSim 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) <b>06 Mar 2020</b>	06 Mar 2020	Leanne Guy	DMCCB#42 (2020 - 03 - 04)

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

[Kian-Tat Lim](#)

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

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

[Colin Slater](#)

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

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