

# DMCCB#38 (2020 - 01 - 29)

## 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 9.05 to 09.35 PT, Wednesday, January the 29th.

**CANCELED**

## Attendees

- tbd

## Regrets

- TBD



## 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
Flagged RFCs (To be approved by the DMCCB)	<ul style="list-style-type: none"><li>•  <a href="#">RFC-620</a> - Jira project doesn't exist or you don't have permission to view it. Planned end: Jan/15/2020</li><li>•  <a href="#">RFC-660</a> - Deprecate LDM-472 <b>IMPLEMENTED</b> Planned end: Jan/25/2020</li></ul>	
Board Recommended RFCs		
Adopted but not implemented LDM RFCs (only document RFCs)		

<p>Proposed RFCs</p> <p>(to review, do not require DMCCB approval)</p>	<ul style="list-style-type: none"> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-638</b> - Convolution with bitwise_and multiplication for masked images <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">PROPOSED</span> </div> <p>Planned end: Jan/31/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-648</b> - Handling time in Gen3 middleware <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">IMPLEMENTED</span> </div> <p>Planned end: Dec/13/2019</p> </li> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-651</b> - Explicitly add TAP UPLOAD (temporary-table-upload-and-join) to the LSP DAX and database requirements <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">PROPOSED</span> </div> <p>Planned end: Jan/22/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-652</b> - Explicitly add ObsTAP support to the LSP requirements, LDM-554 <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">PROPOSED</span> </div> <p>Planned end: Jan/22/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-653</b> - Use underscores in module names whose symbols are entirely lifted in new code <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">ADOPTED</span> </div> <p>Planned end: Jan/08/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-656</b> - Update HSC transmission curves on shared repos (e.g. /datasets/hsc/repo) <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">IMPLEMENTED</span> </div> <p>Planned end: Jan/16/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-659</b> - Update deprecation procedure to avoid generating warnings from LSST code <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">ADOPTED</span> </div> <p>Planned end: Jan/22/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-661</b> - Remove Synpipe from lsst_distrib <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">ADOPTED</span> Planned end: Jan/20/2020         </div> </li> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-662</b> - Adopt Parquet as user facing columnar data format for LSST catalog data <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">ADOPTED</span> </div> <p>Planned end: Feb/26/2020</p> </li> </ul>	
<p>Adopted RFCs without Triggering issues</p> <p>(to create implementing DM issues)</p>		
<p>Adopted RFCs with all triggered work COMPLETED</p> <p>(to set status as 'IMPLEMENTED')</p>		
<p>RFCs adopted since last CCB</p> <p>(to review, no action required)</p>	<ul style="list-style-type: none"> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-650</b> - Change our Python standard to put binary operators at the beginning of a continuation line <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">ADOPTED</span> </div> </li> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-658</b> - Add CBP package to lsst_distrib <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">IMPLEMENTED</span> </div> </li> </ul>	
<p>RFCs implemented (or withdraw) since last CCB</p> <p>(to review, no action required)</p>	<ul style="list-style-type: none"> <li> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"> <b>RFC-655</b> - Add full well value to Amplifier object <span style="float: right; border: 1px solid #ccc; padding: 1px 5px;">WITHDRAWN</span> </div> </li> </ul>	

<p>Releases</p> <ul style="list-style-type: none"> <li>Planned</li> <li>Changes to the release schedule</li> </ul>	<ul style="list-style-type: none"> <li>Next planned major release 20.0.0 <ul style="list-style-type: none"> <li>Planned for Spring 2020</li> </ul> </li> <li>Blocking issues open: <ul style="list-style-type: none"> <li><a href="#">DM-20564</a> - Do release 20.0.0 of science pipelines <b>TO DO</b></li> <li><a href="#">DM-20565</a> - Remove afwGeom aliases for geom <b>DONE</b></li> <li><a href="#">DM-20572</a> - Remove "Generation 2" Middleware <b>TO DO</b></li> <li><a href="#">DM-20573</a> - Remove obs_IsstSim package from Isst_obs metapackage <b>DONE</b></li> <li><a href="#">DM-21207</a> - Remove deprecated Policy usage from pex_config, ip_diffim, and meas_algorithms <b>DONE</b></li> <li><a href="#">DM-21744</a> - Remove cameraGeom interfaces deprecated in DM-18610 <b>DONE</b></li> <li><a href="#">DM-22114</a> - Remove deprecated `makeDistortedTanWcs` <b>TO DO</b></li> <li><a href="#">DM-22492</a> - Remove PixelScaleBoundedField <b>DONE</b></li> <li><a href="#">DM-22233</a> - Remove astrometry_net_data dependency from pipe_tasks <b>DONE</b></li> <li><a href="#">DM-23076</a> - Mark SubtractBackgroundTask.fitBackground (... , algorithm=...) as deprecated <b>INVALID</b></li> </ul> </li> <li>Do we need a patch or unscheduled release?</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><a href="#">DM-6786</a> - Write an in-place convolution method <b>WON'T FIX</b></li> <li><a href="#">DM-6573</a> - Determine what is occurring during mmap and mlock call that speeds up queries. <b>TO DO</b></li> <li><a href="#">DM-5212</a> - Add configurable limitations in qana for scans <b>TO DO</b></li> <li><a href="#">DM-2126</a> - Compiler Warnings <b>DONE</b></li> <li><a href="#">DM-6895</a> - Vary number of cores being used for testing <b>WON'T FIX</b></li> <li><a href="#">DM-6896</a> - remove ButlerFactory and change all the packages that use it to use Butler() directly <b>WON'T FIX</b></li> <li><a href="#">DM-6906</a> - Update DateTime to reflect 2017-01-01 leap second <b>INVALID</b></li> <li><a href="#">DM-6943</a> - in2p3 cluster crashes <b>WON'T FIX</b></li> <li><a href="#">DM-6946</a> - Strange results with near neighbor queries. <b>TO DO</b></li> <li><a href="#">DM-6970</a> - Add tests for bindings of Eigen::Array and ndarray::EigenView <b>INVALID</b></li> </ol> <p>3930 unresolved issues (3936 on January the 8th)</p>	<ul style="list-style-type: none"> <li>DM-6786: Won't fix.</li> <li>DM-6970: Invalid.</li> <li>DM-6895: Won't fix (a SQuaRE ticket, but <a href="#">John Swinbank</a> intervened).</li> <li>DM-6896: Won't fix (a DAX ticket, but <a href="#">John Swinbank</a> intervened).</li> <li>DM-6906: Invalid (an Architecture ticket, but <a href="#">John Swinbank</a> intervened).</li> <li>The others are DAX issues beyond my (<a href="#">John Swinbank's</a>) ken.</li> </ul>
<p>Open Actions</p>		
<p>AOB</p>		
<p>Next DM-CCB</p>	<p>February the 5th(?)</p>	

Pending Flagged RFCs

Key      Summary

RFC-699	Add backwards compatibility testing and associated repo(s)
RFC-695	Proposed Update to DIAObject Elements for Host Association

2 issues

## Pending Proposed RFCs

Key	Summary
RFC-698	Drop rule suggesting .py extensions for Python code files
RFC-697	Change CalibrateTask refcat defaults to Gaia DR2 for astrometry and PS1 for photometry
RFC-696	Provide alert packet image cutouts as astropy.nddata.CCDData
RFC-680	Add Kernel Hough Transform as third-party package
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-7102	Add centroid reliability flag or improve Centroid_flag behavior
DM-8958	Change warpImage and warpExposure to take shared_ptrs
DM-8974	Add integration test for checking restriction to a single chunk based on object id.
DM-8987	Test/implement which badFlags are appropriate for matcherSourceSelector
DM-7257	Enable the text and labels to be selectable and copied from dialogs and frames
DM-7806	Unexplained and massive load increases on workers.
DM-8998	Pass brightSnr parameter through to MatchedMultiVisitDataset, PhotometricErrorModel, AstrometricErrorModel
DM-8988	Transfer content from SWUG pages to PLI (pipelines.lsst.io)
DM-2517	Implement RFC-31 constants package
DM-8655	Provide path for reporting errors that arose from a POSIX library call that set errno
DM-9029	replace sconUtils ".cfg" with pkg_config
DM-6266	Upgrade cfitsio and deal with long keyword handling
DM-7099	Improve astrometry-related flags and output
DM-9038	Update coding styles to indicate that return values should always be checked
DM-740	Implement abstract base class for approximated or interpolated fields
DM-2479	Fix-up any code that uses approximate/interpolate
DM-2478	Edit background class
DM-2480	Delete old approximate/interpolate classes
DM-9075	Make standard measurement algorithms less chatty
DM-743	Checking for compliance to DM Standards should occur in a pre-commit hook and also be available on demand.

Showing 20 out of 3939 issues

## Meeting outcome

### Pending DMCCB Actions

Description	Due date	Assignee	Task appears on
<input type="checkbox"/> <a href="#">John Swinbank</a> write a text to clarify when an RFC need to flag		<a href="#">John Swinbank</a>	DMCCB#51 (2020 - 05 - 27)
<input type="checkbox"/> <a href="#">Tim Jenness</a> to write a policy on how external code written by DM shall be handled.		<a href="#">Tim Jenness</a>	DMCCB#51 (2020 - 05 - 27)
<input type="checkbox"/> <a href="#">Kian-Tat Lim</a> to clarify the process to add new packages to the conda environment		<a href="#">Kian-Tat Lim</a>	DMCCB#42 (2020 - 03 - 04)