

# DMCCB#7 (2019 - 03 - 06)

## Location

Browser	Room System	Phone Dial-in
<a href="https://bluejeans.com/761546516/">https://bluejeans.com/761546516/</a>	1. Dial: 199.48.152.152 or <a href="#">bjn.vc</a> 2. Enter Meeting ID: 761546516 -or- use the pairing code	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, March the 6th.

## Attendees

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

## Regrets

- [John Swinbank](#)

## DMCCB Meeting Goals

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

## Discussion Items

Item	Description	CCB Notes
Flagged RFCs (To be approved by the DMCCB)	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <a href="#">RFC-575</a> - Convert old refcats to nJy for RFC-549 <span style="float: right; border: 1px solid #ccc; padding: 2px;">IMPLEMENTED</span> </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <a href="#">RFC-579</a> - Update LDM-142 with ESnet information <span style="float: right; border: 1px solid #ccc; padding: 2px;">IMPLEMENTED</span> </div> <div style="border: 1px solid #ccc; padding: 5px;"> <a href="#">RFC-581</a> - Add service levels for enclaves to LDM-148 <span style="float: right; border: 1px solid #ccc; padding: 2px;">IMPLEMENTED</span> </div>	<ul style="list-style-type: none"> <li>• RFC-575: DMCCB approve it and it is moved to "Board Recommend"</li> <li>• RFC-579: changes are highlighted in red               <ul style="list-style-type: none"> <li>• Changed to "Board Recommend"</li> </ul> </li> <li>• RFC-581: to be decided next week</li> </ul>
Proposed RFCs (to review, do not require DMCCB approval)	<div style="border: 1px solid #ccc; padding: 5px;"> <a href="#">RFC-578</a> - Upgrade HSC bright star masks to Goulding S18A <span style="float: right; border: 1px solid #ccc; padding: 2px;">IMPLEMENTED</span> </div>	<ul style="list-style-type: none"> <li>• No action to be taken from the DMCCB</li> </ul>
Adopted RFCs without Triggering issues (to create implementing DM issues)	None	

<p>Adopted RFCs with all triggered work COMPLETED</p> <p>(to set status as 'IMPLEMENTED')</p>	<p> <a href="#">RFC-574</a> - Formalize translation between engineering coordinates and science visualization coordinates <span>IMPLEMENTED</span></p>	
<p>RFCs adopted since last CCB</p> <p>(to review, no action required)</p>	<p> <a href="#">RFC-576</a> - Propagate input headers to output files <span>IMPLEMENTED</span></p> <p> <a href="#">RFC-577</a> - Reduce FitTanSipWcsTask default order to 2 <span>IMPLEMENTED</span></p> <p> <a href="#">RFC-573</a> - Backwards compatibility API for Calib-&gt;PhotoCalib transition <span>IMPLEMENTED</span></p>	
<p>RFCs implemented since last CCB</p> <p>(to review, no action required)</p>	<p> <a href="#">RFC-555</a> - User documentation content style guide <span>IMPLEMENTED</span></p> <p> <a href="#">RFC-559</a> - Revised Numpydoc guidelines for Parameters, Returns &amp; Yields sections <span>IMPLEMENTED</span></p> <p> <a href="#">RFC-558</a> - Revised content guidelines for Extended summary and Notes Numpydoc sections <span>IMPLEMENTED</span></p>	
<p>Changes to the planned releases</p>	<ul style="list-style-type: none"> <li>• New patch release based on 17.0 major release required: <ul style="list-style-type: none"> <li> <a href="#">RFC-580</a> - New patch release based on 17.0 major release <span>IMPLEMENTED</span></li> </ul> </li> <li>• Question from <a href="#">John Swinbank</a> : do we maintain 6 month schedule release or do we switch to releases based on functionality availability? <ul style="list-style-type: none"> <li>• In practice: when will be science pipelines release 18?</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• 17.0 done <ul style="list-style-type: none"> <li>• pipelines.lsst.io need to be updated with 17.0 information</li> <li>• Community post done today, linking to the 17.0.x branch documentation and updated when JSick will update pipelines.lsst.io</li> </ul> </li> <li>• 17.0.1: approved, RFC set to "Board Recommend". <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Gabriele Comoretto to create the patch release 17.0.1 implementation issue, backport the change and work with Jonathan Sick to include this information in the release note.</li> </ul> </li> <li>• Next release 18: <ul style="list-style-type: none"> <li>• in 3 months time (June 2019)</li> <li>• WOM: would like to see releases based on features</li> <li>• Leanne: community also would like to see feature base release</li> <li>• Feature information is provided to T/CAMs from P6 and scientists; these are recorded in Jira as epics</li> <li>• What is missing is to relate these epics to a planned release</li> </ul> </li> <li><input checked="" type="checkbox"/> Gabriele Comoretto try to find a way to map existing epics to planned releases</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-2393</b> - eups distrib install should not hold exclusive lock while compiling <b>WON'T FIX</b></li> <li> <b>DM-2790</b> - meas_modelfit not in full-stack doxygen build <b>INVALID</b></li> <li> <b>DM-2826</b> - Mountain - Base AURA link upgrade to 100Gbps <b>DONE</b></li> <li> <b>DM-2824</b> - La Serena - Santiago Diverse Path Final Capacity <b>DONE</b></li> <li> <b>DM-2820</b> - AURA traffic utilizing 100Gbs Lambda <b>WON'T FIX</b></li> <li> <b>DM-2589</b> - Design the Network from NCSA to Ampath in Florida <b>DONE</b></li> <li> <b>DM-2587</b> - Base Network LOE <b>INVALID</b></li> <li> <b>DM-2563</b> - Chilean Network LOE <b>INVALID</b></li> <li> <b>DM-2810</b> - La Serena - Santiago LInk with Live Traffic flowing <b>INVALID</b></li> <li> <b>DM-2819</b> - Install 10Gbs Transceivers at the ends of the fibers and test <b>WON'T FIX</b></li> </ol> <p>3746 unresolved issues (3674 on Feb. the 20th)</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Gabriele Comoretto to send a query to Jeff Kantor to identify network oldest issues</li> </ul> <p>All 10 issues have been reviewed during the CCB.</p>
<p>AOB</p>	<ul style="list-style-type: none"> <li>Should the DMCCB not be considering the RFC <code>_after_</code> the triggered tickets have been created, rather than before?</li> </ul>	<ul style="list-style-type: none"> <li>AOB on RFC moved to next DM-CCB</li> <li>LDM-635 draft in docushare need to be sent out for review <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Kian-Tat LimMichelle Butler to look at LDM-635 draft on docushare</li> </ul> </li> <li>Semantic Versioning 2.0 <ul style="list-style-type: none"> <li>Tim Jenness would like to apply it to each GitHub packages, it will simplify the dependencies management <ul style="list-style-type: none"> <li>This requires lot of work and has impacts on the build tools, continuous integration tools, releases, etc</li> </ul> </li> <li>Everybody agree that SemVer is the direction to move</li> </ul> </li> <li>An intermediate solution is to apply SemVer to to metapackages, that group together a smaller number of GitHub packages. This requires: <ul style="list-style-type: none"> <li>a proposal written down <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Gabriele Comoretto to draft a DMTN how to work with multiple metapackages depending one from the other</li> </ul> </li> <li>do some experimentation to see how it works <ul style="list-style-type: none"> <li>to do after conda env management has been clarified. See</li> </ul> </li> </ul> </li> </ul> <div data-bbox="987 1465 1484 1533" style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <b>DM-16567</b> - Propose a build/packaging process for Science Pipelines <b>IN PROGRESS</b> </div>

## Pending Flagged RFCs

Key Summary

No issues found

## 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-695	Proposed Update to DIAObject Elements for Host Association
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

8 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 3935 issues

**Meeting outcome**

**Pending DMCCB Actions**

Description	Due date	Assignee	Task appears on
<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>	<a href="#">DMCCB#42 (2020 - 03 - 04)</a>