

# DMCCB#25 (2019 - 09 - 04)

## 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>Dial: 199.48.152.152 or <a href="https://bjn.vc">bjn.vc</a></li><li>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, September the 4st.

## Attendees

- [Wil O'Mullane](#)
- [Tim Jenness](#)
- [Gabriele Comoretto](#)
- [Leanne Guy](#)
- [DMCCB#25 \(2019 - 09 - 04\)](#)
- [DMCCB#25 \(2019 - 09 - 04\)](#)
- [DMCCB#25 \(2019 - 09 - 04\)](#)

## Regrets

- [DMCCB#25 \(2019 - 09 - 04\)](#)

## 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<br>(To be approved by the DMCCB) | <div style="border: 1px solid orange; padding: 10px;"><p> <a href="#">RFC-620</a> - Jira project doesn't exist or you don't have permission to view it.</p></div> <p>Planned end: Sep/09/2019</p> <div style="border: 1px solid gray; padding: 5px;"><p> <a href="#">RFC-626</a> - Switch some C++ APIs that use pex_config information from Policy to PropertySet <span style="border: 1px solid gray; padding: 2px;">IMPLEMENTED</span></p></div> <p>Planned end: Aug/28/2019</p> | <ul style="list-style-type: none"><li><a href="#">RFC-626</a>: Board Recommended<ul style="list-style-type: none"><li>implementing tickets to be related to the release 19.0.0 issue</li></ul></li><li><a href="#">RFC-620</a>: Mario is not expecting to announce until October<ul style="list-style-type: none"><li><a href="#">DMCCB#25 (2019 - 09 - 04)</a> says that Mario will provide additional information in the next weeks.</li></ul></li></ul> |
| Board Recommended RFCs                        | None  |  |

|   |   |   |
|---|---|---|
| <p>Adopted but not implemented LDM RFCs (only document RFCs)</p>                                      | <p>None</p>   |   |
| <p>Proposed RFCs<br/>(to review, do not require DMCCB approval)</p>                                   | <p> <b>RFC-624</b> - Replace <code>afw.image.Filter</code> with global-free label-only classes<br/><b>ADOPTED</b></p> <p>Planned end: Aug/30/2019</p>  | <p>This is an API change, and DM-CCB still did not pronounce.</p> <p><a href="#">DMCCB#25 (2019 - 09 - 04)</a> asked if the CCB should be involved or let it proceed, without flagging:</p> <ul style="list-style-type: none"> <li>DM-CCB agreed no need to flag it.</li> </ul> |
| <p>Adopted RFCs without Triggering issues<br/>(to create implementing DM issues)</p>                  | <p>None</p>   |   |
| <p>Adopted RFCs with all triggered work<br/><b>COMPLETED</b><br/>(to set status as 'IMPLEMENTED')</p> | <p>None</p>   |   |
| <p>RFCs adopted since last CCB<br/>(to review, no action required)</p>                                | <p> <b>RFC-617</b> - Update HSC's focal plane camera geometry to use units of millimeters <b>IMPLEMENTED</b></p> <p> <b>RFC-625</b> - Support QE curves in <code>obs_lsst</code> <b>IMPLEMENTED</b></p> <p> <b>RFC-593</b> - Interval, <code>sphgeom</code> API consistency, and other enhancements to the <code>geom</code> package <b>ADOPTED</b></p> <p> <b>RFC-623</b> - Permit <code>snake_case</code> in new Science Pipelines and middleware code <b>ADOPTED</b></p> |   |
| <p>RFCs implemented (or withdraw) since last CCB<br/>(to review, no action required)</p>              | <p> <b>RFC-488</b> - Committing to supported DM stack releases <b>IMPLEMENTED</b></p> <p> <b>RFC-617</b> - Update HSC's focal plane camera geometry to use units of millimeters <b>IMPLEMENTED</b></p> <p> <b>RFC-599</b> - Split up <code>ci_hsc</code> and introduce a <code>ci_hsc</code> for generation 3 middleware <b>IMPLEMENTED</b></p>  |   |
| <p>Changes to the planned releases</p>  | <ul style="list-style-type: none"> <li>Next Major release 19.0.0 <ul style="list-style-type: none"> <li>Start it at the end of October and have it available at the end of November</li> </ul> </li> <li> <b>DM-18119</b> - Do release 19.0.0 of science pipelines <b>DONE</b></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-3381</a> - Add test cases for thresholding <span>TO DO</span></li> <li><a href="#">DM-4209</a> - Create unit tests for SafeClipAssembleCoadd <span>TO DO</span></li> <li><a href="#">DM-4201</a> - Documentation and technical debt in meas_base /PixelFlags.cc <span>TO DO</span></li> <li><a href="#">DM-5365</a> - Enable CC-IN2P3 /Qserv team communication in order to prepare for Pan-STARRS large scale tests <span>INVALID</span></li> <li><a href="#">DM-4541</a> - Implement HDF5 serialization for AFW objects <span>TO DO</span></li> <li><a href="#">DM-4549</a> - Investigate creating a VO data link URL from butler dataid <span>TO DO</span></li> <li><a href="#">DM-866</a> - Prepare guidelines for package naming <span>WON'T FIX</span></li> <li><a href="#">DM-3445</a> - Overhaul the way the right colorterm dictionary is selected <span>TO DO</span></li> <li><a href="#">DM-4077</a> - Support external processing inputs in mapper and argument parser <span>INVALID</span></li> <li><a href="#">DM-2912</a> - obs_LsstSim camera data is not self-consistent <span>WON'T FIX</span></li> </ol> <p>3912 unresolved issues (4000 on August the 21st)</p> | <p>John Swinbank comments:</p> <ul style="list-style-type: none"> <li>DM-4201 seems legit, but low priority.</li> <li>Ditto DM-4209.</li> <li>Ditto DM-3381.</li> <li>Tim has already commented on DM-4541, so it's not an issue for this DM-CCB meeting. However, I suggest we'd want to take stock of our priorities before we were to go ahead with this work.</li> <li>DM-4549 has a recent comment.</li> <li>DM-3445 is the subject of periodic outbursts of discussion (e.g. <a href="https://community.lsst.org/t/reference-catalogs-camfluxes-and-colorterms/3578">https://community.lsst.org/t/reference-catalogs-camfluxes-and-colorterms/3578</a>). We should think about a redesign, but we should not simply dive in and implement that ticket without further thought.</li> </ul> |
| Open Actions   |   |   |
| AOB  |   |   |
| Next DM-CCB  |   | Sept. 11th.   |

### 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 |
|-------------|----------|----------|-----------------|
|-------------|----------|----------|-----------------|

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

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