

# DMCCB#37 (2020 - 01 - 15)

## 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="https://bjn.vc">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 15th.

## Attendees

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

## 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.</li></ul> <p>Planned end: Jan/15/2020</p>	<ul style="list-style-type: none"><li>• <a href="#">Leanne Guy</a> : Discussions happened during the last weeks, but still, the new version including the comments is still missing.</li><li>• <a href="#">John Swinbank</a> : ask KT and Wil to review the last update, to get a sign off from the sizing team</li><li>• <a href="#">Leanne Guy</a> suggest having an additional week for discussion</li></ul>
Board Recommended RFCs		

<p>Adopted but not implemented LDM RFCs (only document RFCs)</p>		
<p>Proposed RFCs  (to review, do not require DMCCB approval)</p>	<ul style="list-style-type: none"> <li> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">  <b>RFC-638</b> - Convolution with bitwise_and multiplication for masked images <span style="float: right; border: 1px solid #ccc; padding: 2px;">PROPOSED</span> </div> <p>Planned end: Jan/31/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">  <b>RFC-648</b> - Handling time in Gen3 middleware <span style="float: right; border: 1px solid #ccc; padding: 2px;">IMPLEMENTED</span> </div> <p>Planned end: Dec/13/2019</p> </li> <li> <div style="border: 1px solid #ccc; padding: 5px; 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: 2px;">IMPLEMENTED</span> </div> <p>Planned end: Dec/13/2019</p> </li> <li> <div style="border: 1px solid #ccc; padding: 5px; 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: 2px;">ADOPTED</span> </div> <p>Planned end: Jan/22/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 5px; 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: 2px;">ADOPTED</span> </div> <p>Planned end: Jan/22/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 5px; 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: 2px;">ADOPTED</span> </div> <p>Planned end: Jan/08/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">  <b>RFC-655</b> - Add full well value to Amplifier object <span style="float: right; border: 1px solid #ccc; padding: 2px;">WITHDRAWN</span> </div> <p>Planned end: Jan/17/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 5px; 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: 2px;">IMPLEMENTED</span> </div> <p>Planned end: Jan/16/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">  <b>RFC-658</b> - Add CBP package to lsst_distrib <span style="float: right; border: 1px solid #ccc; padding: 2px;">IMPLEMENTED</span> </div> <p>Planned end: Jan/20/2020</p> </li> <li> <div style="border: 1px solid #ccc; padding: 5px; 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: 2px;">ADOPTED</span> </div> <p>Planned end: Jan/22/2020</p> </li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Kian-Tat Lim</a> working on RFC-648, RFC-650, and RFC-653</li> <li>• RFC-651 and RFC-652 will be flagged as soon as a documents are ready to review <ul style="list-style-type: none"> <li>• DMCCB will not be involved until the document to approve</li> <li>• <a href="#">Colin Slater</a> is not in favor of RFC-651</li> </ul> </li> <li>• RFC-655 will probably be withdraw</li> <li>• RFC-656 no action</li> <li>• RFC-658 <ul style="list-style-type: none"> <li>• <a href="#">John Swinbank</a> this package is not of interest of the community, just internal</li> <li>• It should not be a lsst_distrib</li> <li>• this should be a deliverable to T&amp;S</li> <li>• It would be OK to add to the lsst_ci</li> <li>• add the meta package to the Jenkins build like lsst_ts... <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <a href="#">Tim Jenness</a> to comment on the RFC-658 with the 2 alternatives</li> </ul> </li> </ul> </li> <li>• RFC-659 <ul style="list-style-type: none"> <li>• The deprecation procedure should be updated. The proposal seems reasonable.</li> <li>• <a href="#">Kian-Tat Lim</a> should give the final sign up.</li> </ul> </li> </ul>
<p>Adopted RFCs without Triggering issues  (to create implementing DM issues)</p>		

<p>Adopted RFCs with all triggered work COMPLETED</p> <p>(to set status as 'IMPLEMENTED')</p>	<ul style="list-style-type: none"> <li>  <b>RFC-243</b> - Request for a regularly updated pipeline output dataset <span style="border: 1px solid gray; padding: 2px;">ADOPTED</span> </li> </ul>	
<p>RFCs adopted since last CCB</p> <p>(to review, no action required)</p>		
<p>RFCs implemented (or withdraw) since last CCB</p> <p>(to review, no action required)</p>		

## Releases

- Planned
- Changes to the release schedule

- Next planned major release 20.0.0
  - Planned for Spring 2020

 [DM-20564](#) - Do release 20.0.0 of science pipelines DONE

- Blocking issues open:

 [DM-20565](#) - Remove afwGeom

- aliases for geom DONE

 [DM-20572](#) - Remove "Generation 2" Middleware TO DO

 [DM-20573](#) - Remove obs\_IsstSim package from Isst\_obs metapackage

- DONE

 [DM-21207](#) - Remove deprecated Policy usage from pex\_config, ip\_diffim, and meas\_algorithms DONE

 [DM-21744](#) - Remove cameraGeom interfaces deprecated in DM-18610

- DONE

 [DM-22114](#) - Remove deprecated `makeDistortedTanWcs` TO DO

 [DM-22492](#) - Remove PixelScaleBoundedField DONE

 [DM-22233](#) - Remove astrometry\_net\_data dependency from pipe\_tasks DONE

 [DM-23076](#) - Mark SubtractBackgroundTask.fitBackground (... , algorithm=...) as deprecated INVALID

- Do we need a 19.0.1 patch?
  - so far no RFC open
    - see

 [DM-22703](#) - Please update the pipeline docs to reflect the single commit in DM-22027 WON'T FIX  
and related discussion

- [Tim Jenness](#) updated the environment
  - the Isst\_distrib works, but matplotlib can't be updated
  - [Tim Jenness](#) Isst\_sims is broken, need to be fixed
  - [John Swinbank](#) says this policy is not written, need to check with [Andrew Connolly](#)
    - [John Swinbank](#) to talk to [Andrew Connolly](#) on who updates sims
  - [Wil O'Mullane](#) we should ask Chuck, since sims is paid by commissioning team
- 20.0.0 available end of May 2020
  - blockers to be done by the beginning of May
  - new functionalities?
  - [John Swinbank](#) releases are not tight to functionalities, but functionalities will be merged when ready
  - [Wil O'Mullane](#) which functionalities we need for commissioning at the end of the year? The May release should have enough of Gen3?
  - We can do the May release in any case, and then we do other minors or patch releases as required.
- Potential 19.0.1:
  - it doesn't seem worth.
    - DM-22703 to be closed as won't fix

<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>(release only OR DERBY updates)</li> </ul> </li> </ul>	<p>Support to J. Swinbank monitoring activity</p> <p>From Previous week:</p> <ul style="list-style-type: none"> <li><a href="#">DM-6571</a> - Remove the 'makeSourceCatalog' alias for the run method of SourceDetectionTask <b>TO DO</b> John Swinbank proposes to relate it to next release</li> <li><a href="#">DM-6602</a> - Update dev guide to capture changes introduced through LDM-472 <b>TO DO</b> John Swinbank proposes to close it as "won't fix", on the basis that LDM-472 is obsolete. We should also officially mark LDM-472 as obsolete. But we should discuss all this with Wil O'Mullane before doing so.</li> </ul> <p>New list:</p> <ol style="list-style-type: none"> <li><a href="#">DM-5000</a> - Add robustness to dipole measurement task <b>WON'T FIX</b></li> <li><a href="#">DM-6146</a> - Evaluate performance of dipole fitting in crowded regions <b>WON'T FIX</b></li> <li><a href="#">DM-6632</a> - Make match and flag propagation more reusable <b>TO DO</b></li> <li><a href="#">DM-6075</a> - Document the need for abstract base tasks for tasks <b>DONE</b></li> <li><a href="#">DM-5067</a> - Port 'How to document a task' from DM Confluence <b>INVALID</b></li> <li><a href="#">DM-6649</a> - Please make it possible to contact CDS and dynamically create a reference catalogue <b>WON'T FIX</b></li> <li><a href="#">DM-6386</a> - Create unit test(s) for imageDifference command-line task <b>WON'T FIX</b></li> <li><a href="#">DM-6659</a> - `eups distrib install` of Isst_apps with tag sims fails if Isst_sims is already installed <b>WON'T FIX</b></li> <li><a href="#">DM-6355</a> - Raise exception when input catalog WCS is badly formed <b>TO DO</b></li> <li><a href="#">DM-6664</a> - Investigate why afw.table.IdFactory doesn't allow reserved=0 <b>TO DO</b></li> </ol> <p>3936 unresolved issues (3771 on January the 8th)</p>	<ul style="list-style-type: none"> <li>DM-6571 <ul style="list-style-type: none"> <li>just to be mentioned to the release note <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> John Swinbank block release 21 on dm-6571 and ensure there is an appropriate deprecating on release 20</li> </ul> </li> </ul> </li> <li>DM-6602 <ul style="list-style-type: none"> <li>There should be an RFC to make LDM-472 obsolete <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Wil O'Mullaneto look at LDM-472 to ensure it is really obsolete and open an RFC to mark it as obsolete</li> </ul> </li> </ul> </li> <li>DM-5000, DM-6146: Obsolete Won't Fix.</li> <li>DM-6632: Legit ticket, low priority, added comment.</li> <li>DM-6075: Implementation for RFC-183, which is incorrectly marked as done. Given that it's nearly four years old, and that we have to prioritize actually getting things working as opposed to polishing architecture, I (John Swinbank) don't think we should devote effort to this ticket. However, since the RFC was legitimately adopted, I don't think we can just close this. Added comment. <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Kian-Tat Lim to assess DM-6075</li> </ul> </li> <li>DM-5067: Obsolete; closed as Invalid.</li> <li>DM-6649: Nice idea, if we had lots of time. As it is, Won't Fix.</li> <li>DM-6386: We won't devote resources <b>just</b> to writing unit tests, although obviously we'll add them as appropriate during the course of development. Closing this as Won't Fix.</li> <li>DM-6659: This is an installation problem that is 3.5 years old, and hasn't seen further complaints. Closing this as Won't Fix until &amp; unless it causes reproducible problems for somebody this decade.</li> <li>DM-6355: Probably still valid. Added a query to the ticket.</li> <li>DM-6664: Presumably still valid, but low priority. Added comment.</li> </ul>
Open Actions		
AOB		Leanne Guy new RFC will be opened on parquet files
Next DM-CCB		Wednesday, January 29th.

## Pending Flagged RFCs

Key	Summary
RFC-709	Modify requirements on coadds in LSE-61 to bring in line with DRP plans and DPDD
RFC-699	Add backwards compatibility testing and associated repo(s)
RFC-695	Proposed Update to DIAObject Elements for Host Association

3 issues

## Pending Proposed RFCs

Key	Summary
<a href="#">RFC-727</a>	<a href="#">Add link to base Doxyfile</a>
<a href="#">RFC-726</a>	<a href="#">Design DM implementation for LVV-57/validating calibration products.</a>
<a href="#">RFC-724</a>	<a href="#">Add Pytest-black as a test dependency to packages that use black</a>
<a href="#">RFC-723</a>	<a href="#">Changes to LDF dev resources</a>
<a href="#">RFC-638</a>	<a href="#">Convolution with bitwise_and multiplication for masked images</a>

5 issues

## Oldest issues

Key	Summary
<a href="#">DM-9508</a>	<a href="#">Automated replication of the lsst-the-docs S3 bucket</a>
<a href="#">DM-9791</a>	<a href="#">v13 documentation release notes, etc.</a>
<a href="#">DM-9901</a>	<a href="#">TanWcs::rotatImageBy90 and fliplImage do not transform SIP terms</a>
<a href="#">DM-9269</a>	<a href="#">Add utility code for wrapping dict-like C++ objects</a>
<a href="#">DM-9911</a>	<a href="#">Obs_IsstSim defects lay outside image mask</a>
<a href="#">DM-9950</a>	<a href="#">Add FittedStar measurementCount increment/decrement method/operator</a>
<a href="#">DM-9976</a>	<a href="#">plotSuite is probably broken</a>
<a href="#">DM-9983</a>	<a href="#">make std_&lt;datasetType&gt; mapper subclass functions work for composite datasets</a>
<a href="#">DM-10022</a>	<a href="#">dev guide should say that tests of C++ should be written in python</a>
<a href="#">DM-10034</a>	<a href="#">How to handle logging for a repeatedly-run subtask?</a>
<a href="#">DM-10020</a>	<a href="#">Image object has no __idiv__ method</a>
<a href="#">DM-10067</a>	<a href="#">Examine AssembleCcdTask and its interface to IsrTask</a>
<a href="#">DM-10013</a>	<a href="#">Integrate task template into lsst/templates subdir and devguide</a>
<a href="#">DM-10018</a>	<a href="#">logging FileAppender does not close files after use</a>
<a href="#">DM-10021</a>	<a href="#">Create a convenience method to search Config hierarchy</a>
<a href="#">DM-10106</a>	<a href="#">Add plugin to record footprint area</a>
<a href="#">DM-339</a>	<a href="#">Make it easy to build and release point releases</a>
<a href="#">DM-353</a>	<a href="#">Stack installation can leave packages not tagged current</a>
<a href="#">DM-361</a>	<a href="#">EUPS-distributed git doesn't build with http support if curl headers are not present</a>
<a href="#">DM-4039</a>	<a href="#">New YAML config for community_mailbot</a>

Showing 20 out of [3944 issues](#)

## Meeting outcome

## Pending DMCCB Actions

Description	Due date	Assignee	Task appears on
<input type="checkbox"/> <a href="#">John Swinbank</a> to chase RFC-699 assignee		<a href="#">John Swinbank</a>	DMCCB#64 (2020 - 09 - 16)
<input type="checkbox"/> <a href="#">Wil O'Mullane</a> to update LDM-294 adding Yusra to the DMCCB		<a href="#">Wil O'Mullane</a>	DMCCB#64 (2020 - 09 - 16)
<input type="checkbox"/> <a href="#">John Swinbank</a> write a text to clarify when an RFC need to flag (DM-25191)		<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)