

DMCCB#40 (2020 - 02 - 12)

Location

Browser	Room System	Phone Dial-in
https://bluejeans.com/761546516/	<ol style="list-style-type: none">Dial: 199.48.152.152 or bjn.vcEnter Meeting ID: 761546516 -or- use the pairing code	Dial-in numbers: <ul style="list-style-type: none">+1 408 740 7256+1 888 240 2560 (US Toll-Free)+1 408 317 9253 (Alternate Number) Meeting ID: 761546516

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Time

From 9.00 to 09.30 PT, Wednesday, February the 12th.

Attendees

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

Regrets

- [Wil O'Mullane](#) - I think i will be on a flight.





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"> RFC-620 - Jira project doesn't exist or you don't have permission to view it. Planned end: Jan/15/2020 RFC-660 - Deprecate LDM-472 IMPLEMENTED Planned end: Jan/24/2020 RFC-666 - Update LDM-294 to include new butler setup and build etc. IMPLEMENTED Planned end: Feb/14/2020 RFC-669 - Accept new DM Acceptance Test Specification (2.1) IMPLEMENTED Planned end: Feb/14/2020	<ul style="list-style-type: none">RFC-620 - waiting for Mario to upload final version. Leanne re-pinged him todayRFC-660<ul style="list-style-type: none">WOM - added note to this.WOM - Is there more to do or do we release this for now ?DMCCB agreed to change the status to board RecommendRFC-666<ul style="list-style-type: none">Still to merge a PRRFC-669<ul style="list-style-type: none">Acceptance tests for LSE-61

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"> •  RFC-665 - Simplify linearity corrections IMPLEMENTED Planned end: Feb/12/2020 •  RFC-663 - Collections in the Gen3 Butler IMPLEMENTED Planned end: Feb/03/2020 •  RFC-662 - Adopt Parquet as user facing columnar data format for LSST catalog data ADOPTED Planned end: Feb/26/2020 •  RFC-653 - Use underscores in module names whose symbols are entirely lifted in new code ADOPTED Planned end: Jan/08/2020 •  RFC-652 - Explicitly add ObsTAP support to the LSP requirements, LDM-554 PROPOSED Planned end: Jan/22/2020 •  RFC-651 - Explicitly add TAP UPLOAD (temporary-table-upload-and-join) to the LSP DAX and database requirements PROPOSED Planned end: Jan/22/2020 •  RFC-648 - Handling time in Gen3 middleware IMPLEMENTED Planned end: Dec/13/2019 •  RFC-638 - Convolution with bitwise_and multiplication for masked images PROPOSED Planned end: Mar/31/2020 	<ul style="list-style-type: none"> • RFC-665: Leanne Guy will have a look today • RFC-662: on agenda for face 2 face • RFC-653: changes are already done in the code <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Tim Jenness to ping Jim Bosch RFC-653 • RFC-638: is quite old <ul style="list-style-type: none"> • extended after the algorithm workshop, March 31st.
<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>	<ul style="list-style-type: none"> •  RFC-243 - Request for a regularly updated pipeline output dataset ADOPTED 	<ul style="list-style-type: none"> • Still under investigation, if there is some wor to do. <ul style="list-style-type: none"> • An open ticket is related to it.
<p>RFCs adopted since last CCB</p> <p>(to review, no action required)</p>	<ul style="list-style-type: none"> •  RFC-664 - Update conda base environment IMPLEMENTED •  RFC-667 - Accept Updated LDM-612 as a baseline IMPLEMENTED •  RFC-668 - Install fgcmcal look-up table in shared repos (e.g. /datasets/hsc/repo) IMPLEMENTED 	
<p>RFCs implemented (or withdraw) since last CCB</p> <p>(to review, no action required)</p>	<ul style="list-style-type: none"> •  RFC-667 - Accept Updated LDM-612 as a baseline IMPLEMENTED 	


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 TO DO


- Blocking issues open:


-  [DM-20565](#) - Remove afwGeom aliases for geom DONE


-  [DM-20573](#) - Remove obs_IsstSim package from Isst_obs metapackage DONE


-  [DM-21714](#) - Remove cameraGeom interfaces deprecated in DM-18610 DONE


-  [DM-22192](#) - Remove PixelScaleBoundedField DONE


-  [DM-22233](#) - Remove astrometry_net_data dependency from pipe_tasks DONE


-  [DM-22578](#) - Remove obs_sdss and Isst_dm_stack_demo from stack builds TO DO


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


-  [DM-23343](#) - Mark Synpipe as deprecated DONE

-  [DM-23369](#) - Remove Isst.ip.isr.addDistortionModel DONE

-  [DM-23374](#) - Remove Isst.obs.base.CameraMapper._extractAmplId DONE

-  [DM-23374](#) - Remove pex_policy from Isst_distrib TO DO

-  [DM-23380](#) - Remove Isst.fgcmcal.FgcmFitCycleConfig.pixelScale DONE

-  [DM-23277](#) - Update ImageDifferenceTask to remove v20 deprecation warnings DONE

- Do we need a patch or unscheduled release?

The community post on 20.0.0 should be just to clarify the timeline, and the release community post to be done more close to the start of the activity.

<p>Monitor Jira issues status:</p> <ul style="list-style-type: none"> the most forgotten 10 DM issues <ul style="list-style-type: none"> (resolution = Unresolved ORDER by updated asc) 	<p>Support to J. Swinbank monitoring activity -</p> <ol style="list-style-type: none"> DM-7353 - Modernize assertions in meas_deblender tests/testEdges.py WON'T FIX DM-7357 - Decide how to handle tests that plot figures in a py.test environment DONE DM-7440 - sphgeom: make Chunker implement Pixelization TO DO DM-7443 - Write tech note describing the fitters and optimization techniques in the stack TO DO DM-7148 - Futurize DictField, ConfigDictField TO DO DM-7475 - Include processFile in Isst_ci WON'T FIX DM-7522 - in constructBias/Dark/Flat, remove the field and calibVersion parameters WON'T FIX DM-7537 - Add a unit test for ExposureInfo INVALID DM-5461 - Isstsw rebuild --help is unhelpful TO DO DM-3845 - Add unit tests for ctrl_pool WON'T FIX <p>3936 unresolved issues (3931 on February the 12th)</p>	<ul style="list-style-type: none"> DM-7440: Still a desirable Qserv change, but low priority. DM-7443: Good idea. Low priority. DM-7148: Should be an Architecture ticket. Reassigned. Seems low priority. DM-5461: A SQuaRE issue. Still seems relevant.
Open Actions		
AOB		
Next DM-CCB	February the 19th(?)	Feb. 19th.

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

