DMCCB#3 (2019 - 01 - 30)

Location

Browser	Room System	Phone Dial-in
https://bluejeans.com/761546516/	1. Dial: 199.48.152.152 or bjn.vc 2. Enter Meeting ID: 761546516 -or- use the pairing code	Dial-in numbers: • +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 January the 30th.

Attendees

- Wil O'Mullane
- Tim Jenness
- Gabriele Comoretto
- Colin Slater
- John Swinbank
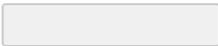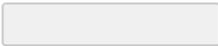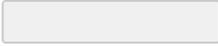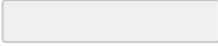- Kian-Tat Lim
- Margaret Gelman
- Michelle Butler

Regrets

- tbd

DMCCB Meeting Goals

- See DMCCB responsibilities listed in LDM-294 section 7.4 (see also changes in https://ldm-294.lsst.io/v/RFC-561/index.html)

Discussion Items

Item	Description	CCB Notes
Flagged RFCs (To be approved by the DMCCB)	RFC-561 - Adopt new version of LDM-294 as baseline -Documentalist, DMCCB, Release Management, Product Tree IMPLEMENTED RFC-538 - Update alert sizing in LDM-151 IMPLEMENTED	• RFC-561 already implemented before CCB starts • RFC-538: draft in docushare LDM-148, LDM-151, DMCCB review docs during the telecon. • John Swinbank : document consistent with the actual baseline. If NCSA disagree with the content, that will require a different change request. Status set to Board Recommended.

Proposed RFCs (to review, do not require DMCCB approval)	RFC-569 - Add obs_lsst to lsst_distrib **IMPLEMENTED** RFC-533 - Deprecate obs_lsstSim **ADOPTED** RFC-563 - Adding python package tables **IMPLEMENTED** RFC-552 - Provide extra information for each Science Pipelines repository **ADOPTED** RFC-541 - Design better (and Gen3-friendly) way of representing bandpass filters in code **WITHDRAWN**	• RFC-569: work in progress (John Swinbank) • RFC-533: waiting for for triggering ticket to be completed. • RFC-563: ☑ Gabriele Comoretto to open a trigering ticket on RFC-563 • RFC-552: ☑ Gabriele Comoretto to adopt RFC-552 and open a triggering ticket • RFC-541: discussion ongoing (Jim Bosch)
Adopted RFCs without Triggering issues (to create implementing DM issues)	RFC-134 - Table scans for older releases **WITHDRAWN** RFC-414 - Configure slurm to accept jobs to use only partial nodes on lsst-dev verification cluster **ADOPTED** RFC-423 - Allow ssh access to verification cluster worker nodes **ADOPTED** RFC-431 - Adding new third party package to sims stack **ADOPTED** RFC-516 - Add LDF Kubernetes section to LDM-542 **IMPLEMENTED**	• RFC-134: Kian-Tat Lim to withdraw • all other RFC have IHS tickets (script to extract this information need to be improved)
Adopted RFCs with all triggered work COMPLETED (to set status as 'IMPLEMENTED')	RFC-449 - Add GnuTLS as a macOS platform prerequisite **RETIRED** RFC-551 - Rename MakeCoaddTempExpTask to MakeWarpTask **IMPLEMENTED**	• RFC-449: the RFC has changed the scope, Kian-Tat Lim is asking if we need to change it or withdraw and open an new one. John Swinbank suggest to withdraw it. DMCCB decided to retire the RFC, that imply the RFC is close (final status). • RFC-551 new comments added
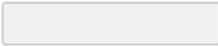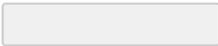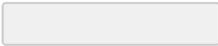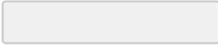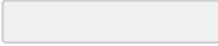
RFCs implemented since last CCB (to review)	[RFC-491](#) - Make MatchPessimisticB the default astrometry matcher in place of MatchOptimisticB `IMPLEMENTED` [RFC-536](#) - Add trained star/galaxy classifiers to /datasets/hsc so they are easy for everyone to use. `IMPLEMENTED` [RFC-530](#) - Add explainer about DMCS to LDM-148 `IMPLEMENTED` [RFC-560](#) - Remove CatalogStarSelectorTask `IMPLEMENTED` [RFC-567](#) - Add text to Dev Guide about requirements documents `IMPLEMENTED` [RFC-398](#) - Upgrade to Anaconda 5.0 `IMPLEMENTED` [RFC-544](#) - ISR rewrites for reduced code duplication `IMPLEMENTED` [RFC-401](#) - Revised DM change-controlled document release workflow `IMPLEMENTED`	Informational, no action to be taken by the DMCCB
Changes to the planned releases	• 17.0 planned for end of 2018, shifted at the beginning of 2019 • LDM-564 need to be updated	DMCCB to approve scheduled release and patch releases proposal (schedule and content) 17.0 should be ready next week to start Tim Jenness moved astro_metadata_translator to external to avoid confusions
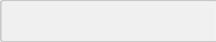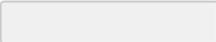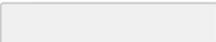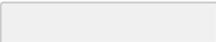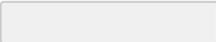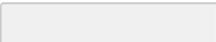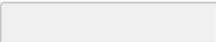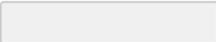
Monitor Jira issues status: • the most forgotten 10 DM issues • (resolution = Unresolved ORDER by updated asc)	Support to J. Swinbank monitoring activity 1. ⊚DM-[795](#) - information using local qserv_testdata `DONE` 2. ⊚DM-[747](#) - Integrate Serge explanation in Qserv install procedure `DONE` 3. ⊚DM-[748](#) - Automate Jacek install procedure from git repo `WON'T FIX` 4. ⊚DM-[749](#) - Ask guiding questions during install procedure `WON'T FIX` 5. 🔖DM-[1089](#) - Enhance SWUG chapter on measurement `WON'T FIX` 6. 🔖DM-[1084](#) - Ressurect python dependancy checker for stack distribution `WON'T FIX` 7. 🔖DM-[900](#) - Update PhoSim tutorial to use CatSim for creating instance catalogs `WON'T FIX` 8. 🔖DM-[1080](#) - Create iPython notebooks illustrating analysis with afw `WON'T FIX` 9. 🔖DM-[1081](#) - Enhance SWUG tutorial on SDSS processing `WON'T FIX` 10. 🔖DM-[746](#) - Simplify (script) install procedure `WON'T FIX`	All 10 tickets have been closed before the DMCCB starts.

AOB	• RFC status "BOARD RECOMMENDED" is still needed?
	• Are risks to be discussed by the DMCCB?
		• [John Swinbank](#) suggest to have an intermediate state in any case. For documents we don't need implementation tikets. [Kian-Tat Lim](#) Board recommended means the CCB approved it, but there are still no triggered issues.
		    ☑ Gabriele Comoretto to update the dev guide: DMCCB approve RFCs setting the status to "BOARD RECOMMENDED"; the RFC status is set to ADOPTED once triggering issues have been opened, RFC for the approval of baselined documents do not require triggering issues, and can be set to adopted immediately.
		• Proposal to discussing in the DMCCB risks due soon (in 45 days). This may bring up lots of riscks to discuss. [Tim Jenness](#) suggest to add these events to P6. [Wil O'Mullane](#) related the rick to the milestone.
		    • Discussion on retiring risks that will not be possible to mitigate, like "Adherence to coding standard", that will be difficult to get resources to resolve it.
		
		• [Kian-Tat Lim](#) ask where the scripts to generate the list are: in lsst-sqre/sqre-jirakit

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 sconsUtils ".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
☐ Kian-Tat Lim to clarify the process to add new packages to the conda environment		Kian-Tat Lim	DMCCB#42 (2020 - 03 - 04)