DMCCB#9 (2019 - 03 - 27)

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

(Back to the DMCCB page)

Time

From 9.00 to 09.30 PT, Wednesday, March the 27th.

Attendees

- John Swinbank
- Michelle Butler
- Kian-Tat Lim
- Gabriele Comoretto
- Colin Slater

Regrets

- Leanne Guy (PST)
- Wil O'Mullane

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)	**RFC-581** - Add service levels for enclaves to LDM-148 **IMPLEMENTED** **RFC-584** - New Conda environment for Science Pipelines **IMPLEMENTED** **RFC-586** - Adopt new version of LDM-540 for LSP Review **IMPLEMENTED** **RFC-588** - Adopt clarifying updates to requirements in LDM-554 **IMPLEMENTED**	• RFC-581: Kian-Tat Lim still need to do some cleaning • RFC-584: • Everybody agree with the actual environment upgrade, RFC set to "Board Recommend" • John Swinbank suggest to use the conda env as source of true • Tim Jenness conda environment need to be RFC before changes, but including (EUPS) 3rd party package, that now change quite a lot, this requires a quicker approach • Minor updates on some packages could be done without explicit CCB approval ☑ Tim Jenness to announce the new conda env when available • RFC-586: ☑ Gabriele Comoretto Once Gregory Dubois-Felsmann approves the RFC-586, change the status to "Board Recommend" and upload it to docushare • RFC-588: board approve it, status set to "Board Recommend"

Proposed RFCs
 	
(to review, do not require DMCCB approval)
	🔖 **RFC-583** - Add Python Package numba WITHDRAWN
	
	🔖 **RFC-585** - Replace AmpInfo table objects with a regular class IMPLEMENTED
	
	🔖 **RFC-587** - Non-deprecated breaking change to AP pipeline workflow IMPLEMENTED
		• RFC-583 shall be withdraw, once the new conda env is out, everybody can use the numba package at the latest version
		  ☑ Gabriele Comoretto to check that numba install in the new conda environment (RFC-584, in linux) and comment on RFC-583
		• RFC-587: John Swinbank point out that this RFC need to escalate, status set to flagged
		  ☑ Gabriele Comoretto to set RFC-587 status to "Board Recommend" if nobody comments 29 Mar 2019
		• RFC-585: no actions to be taken by the board

Adopted RFCs without Triggering issues (to create implementing DM issues)	None	
Adopted RFCs with all triggered work COMPLETED (to set status as 'IMPLEMENTED')	None	
RFCs adopted since last CCB (to review, no action required)	🔖 **RFC-582** - jupyterlabdemo renaming to nublado IMPLEMENTED	
RFCs implemented since last CCB (to review, no action required)	🔖 **RFC-580** - New patch release based on 17.0 major release IMPLEMENTED 🔖 **RFC-579** - Update LDM-142 with ESnet information IMPLEMENTED 🔖 **RFC-582** - jupyterlabdemo renaming to nublado IMPLEMENTED	

Changes to the planned releases	• 18.0 Release to be planned	• John Swinbank commented that previous minutes is confusing: do 18.0 in 3 months but at the same time we go on feature releases
		  • this is because we still had no time to plan releases based on features.
		  • Kian-Tat Lim commented that feature based releases should be more frequent, instead of less.
		  • Tim Jenness says we are already delaying releases, in order to get feature in it, this means we are already doing releases based on feature.
		  • John Swinbank would like to see a document that describes the polices behind releases: Leannes document should be that document (LDM-672)
		    • John Swinbank suggestion is to have a release each 3 months until LDM-672 is not ready.
		    • This is in line with the plan to do 18.0 3 months after 17.0

Monitor Jira issues status:
 	
• the most forgotten 10 DM issues
  • (resolution = Unresolved ORDER by updated asc)
	Support to J. Swinbank monitoring activity
	
	1. ⬆️ **DM-2369** - NaiveCentroid should probably report an error `TO DO`
	
	2. ⬆️ ~~DM-2368~~ - GaussianCentroid should set an error `INVALID`
	
	3. ⬆️ ~~DM-2220~~ - Clean up memory management in meas_astrom's utils.cc `WON'T FIX`
	
	4. ⬆️ ~~DM-1970~~ - Make DistortedTanWcs persistable `WON'T FIX`
	
	5. 🟥 ~~DM-1681~~ - forcedPhot.py uses local bbox; why not parent? `INVALID`
	
	6. ⬆️ ~~DM-1686~~ - baseline.py question about local vs parent bbox `INVALID`
	
	7. 🟥 ~~DM-1689~~ - processCcdSdss.py uses local bbox; should be parent? `INVALID`
	
	8. ⬆️ **DM-932** - Attempting to assign a Task to a ConfigurableField raises a confusing exception `TO DO`
	
	9. ⬆️ ~~DM-1401~~ - Compiler warning about memset in meas_modelfit `INVALID`
	
	10. ⬆️ ~~DM-820~~ - Simplify copying tables while adding columns `WON'T FIX`
	
	3827 unresolved issues (3819 on March. the 20th)
		• Pre-meeting comments from John Swinbank :
		  • DM-2369 and DM-2368 are valid issues but with a relatively low priority. 2368 is blocked by
		
		    🔖 ~~DM-1014~~ - Detailed documentation for GaussianCentroid `INVALID` ,
		
		    which requires action from Robert Lupton, but is unlikely to be a high priority for him & the SST.
		  • DM-932 is a configuration system issue, which is nominally a DAX problem so I've assigned it appropriately. However, this issue seems low priority, and I do not expect them to work on it soon.
		  • I closed all the other issues before the meeting.

	• Should the DMCCB not be considering the RFC _after_ the triggered tickets have been created, rather than before?	• Having related issues is already a way to document the RFC proposal
		  • After a short discussion, everybody agree that the board can ask for triggered issues to be open before approving the RFC
		  ☑️ Tim Jenness to clarify in the Developer Guide that the DM-CCB can ask triggered issues can be opened on an RFC before approving it.

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)