

Rubin Observatory

Management of Calibration Products

DM Leadership Team Meeting | Virtual | May 12–14, 2020



Brief Refresher

- At the February 2020 DMLT meeting, we discussed the (lack of) documented requirements driving the design of the calibration product management system.
- There were many “implicit” or “folklore” requirements along the lines of things being modifiable in text editors, stored in Git, etc, but these were not clearly documented or agreed upon.
- There were multiple, inconsistent, views of how this “obviously” has to work.
- Tim and Simon were asked to produce a DMTN to document the current position and drive consensus for the future.
- They were encouraged to delegate this to Chris Waters, which they did.

Current Status: DMTN-148

- In consultation with Tim, Simon, and others, Chris has written [DMTN-148](#), “DM Calibration Products”.
- This document proposes an “end state” in which:
 - Calibration products are managed through a combination of Butler repositories and explicit calibration classes in ip_isr.
 - Calibration products may be exported to Git repositories if required.
 - Explicit validation (checking that the product is good), certification (applying a validity range, and assigning it to a Butler collection), modification, and deprecation steps are defined.
- It also summarizes the current (“Gen 2”) state, and proposes actions which should be taken as part of the “Gen 3” transition.

Next Steps

- DMTN-148 is now in pretty mature draft state.
 - I'm not sure it currently answers all of my questions, but it's close.
- There are some additional technical issues which Chris suggests should be addressed.
- Proposed path from here:
 - Interested members of the DMLT take, say, 2 weeks to read & comment on the current text.
 - Comments on the resulting document are then solicited by RFC.
- Question: should the RFC result in a change-controlled (LDM) document?
 - I *think* not, but solicit DMLT input.