

Subject: [EXTERNAL] Re: PDS CCB: 3 SCRs for CCB to consider (CCB-335, CCB-343, CCB-340)

Date: Wednesday, March 16, 2022 at 1:30:27 PM Pacific Daylight Time

From: Mark S. Bentley

To: Tang, Vivian (US 398B)

CC: Joyner, Ronald (US 398G), Mike Drum, EXTERNAL-Stone, Jesse V (US 398A-Affiliate), Ineakras@nmsu.edu, EXTERNAL-Mayer, David P (US 398B-Affiliate), matt@seti.org, EXTERNAL-Joy, Steve P (US 4900-Affiliate), Stein, Thomas, EXTERNAL-Hare, Trent M (US 398A-Affiliate)

Dear Vivian,

With apologies for the delay, the CCB passed CCB-343 with the following votes:

-- Item Passed: 5 Yes (ATM, IPDA, PPI, RMS, SBN); 2 No (CIS, GEO)

but with modifications during discussion - please see the comments at the end of the ticket. I assume the ticket will need to be updated to reflect these?

A summary of our discussions follows:

Mitch explained the main use case, for providing data used for search which is rapidly changing without having to update the corresponding data collection each time. Some of these meta-data also affect multiple bundles/collections.

The main concerns raised were on how to maintain a link between the data product and meta-data, given than the only links we have are either (a) meta-data -> data in the supplemental product itself or (b) the location of the supplemental product (e.g. in the same collection or bundle as the data).

Removing the supplemental meta-data product from "its" data also leads to questions on multiple nodes/external entities providing additional meta-data which may overlap (i.e. reference the same LIDVID). However, it was felt and curation and reviews should prevent this being a big problem.

It was stressed that allowing the meta-data to be "detached" from the data would be possible with this change, but does not preclude curation of the meta-data next to the data products for many use cases.

To address some of these issues, Mitch proposed (now commented on JIRA and evolved also with Mike) adding a recommendation that the collection containing the supplemental meta-data product(s) be made a secondary member of the data bundle.

Regards, Mark

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Mark S. Bentley
Science Lead, Planetary Science Archive