

Release Notes

PD4 Information Model Version 1.A.1.0

Build 8b Release

May 7, 2018

These notes detail the changes made to the PDS4 Information Model and contained in Release 1.A.1.0. These changes include those approved by the CCB since Version 1.A.0.0 and bug fixes since Version 1.A.0.0. The released documents include:

1. index_1910.html – Information Model Specification
2. PDS4_PDS_1910.xsd – Common Schema
3. PDS4_PDS_1910.sch – Common Schematron
4. PDS4_PDS_1910.xml – Label for Common Schema and Schematron
5. PDS4_PDS_DD_1910.html – Data Dictionary (html)
6. PDS4_PDS_DD_1910.pdf – Data Dictionary (pdf)
7. PDS4_PDS_JSON_1910_DOM.JSON – Information Model (JSON)
8. PDS4_PDS_OWL_1910.rdf – Information Model (OWL-DL)
9. PDS4_DISP_1910.xsd – Display LDD Schema
10. PDS4_DISP_1910.sch – Display LDD Schematron
11. PDS4_DISP_1910.xml – Label for Display Schema and Schematron

CCB approved changes made since the release of the prior version of the Information Model

1. CCB-177 - Missing ability to specify source products and processing history
 - a. There is no way to specify source products and processing history for partially-processed, calibrated, and derived products.
 - b. Reference_List was updated by adding two new associated classes Source_Product_Internal and Source_Product_External.
2. CCB-215 - Allow "PDS3" as a parsing_standard_id for Stream_Text
 - a. Add "PDS3" to the valid values for <parsing_standard_id> when used within <Stream_Text>.

Bug Fixes and other Changes

1. Changed the cardinality of deprecated attributes <Field_Bit.start_bit> and <Field_Bit.stop_bit> from (1..1) to (0..1). This bug fix is cleanup related to CCB-153. A deprecated attribute should not be required, otherwise there validation error is raised.
2. Updated terminological entry for term mapping database.