

Release Notes

PD4 Information Model Version 1.17.0.0 (1.H.0.0)

Build 12.0 Release

September 23, 2021

These notes detail the changes made to the PDS4 Information Model and contained in Release 1.17.0.0 (1.H.0.0). These changes include those approved by the CCB since Version 1.16.0.0 and bug fixes since Version 1.16.0.0. The released documents include:

1. index_1H00.html – Information Model Specification
2. PDS4_PDS_1H00.xsd – Common Schema
3. PDS4_PDS_1H00.sch – Common Schematron
4. PDS4_PDS_1H00.xml – Label for Common Schema and Schematron files
5. PDS4_PDS_DD_1H00.html – Data Dictionary (html)
6. PDS4_PDS_DD_1H00.pdf – Data Dictionary (pdf)
7. PDS4_PDS_JSON_1H00.JSON – Information Model (JSON)

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

1. CCB-329 - Broaden Definition of Attribute aperture
2. CCB-283 - Add reference_type value document_to_data

Bug Fixes and other LDDTool Changes

- 240 Improve argument handling using argument parsing library
- 302 LDDTool does not allow the bundle to be specified for generated dictionaries
- 319 [namespace-registry] - add "multi"
- 322 LDDTool generates a 1C00 file when -V 1B00 is specified on the command line
- 324 Geometry Partitioning - CCB-256 - LDDTool needs to allow class/attributes defined using DD_Associate_External_Class so that they can be inherited
- 330 As a user I want to know the output of the tool after it completes execution
- 358 Replicate diagram from PDS4 IM Spec - ISA replaced by is-a
- 361 Prototype a discipline LDD for SKOS Related Permissible Value Query Model
- 367 Geometry Partitioning - CCB-256 - Prepend InheritedBy
- 369 Geometry Partitioning - CCB-256 - Remove Body_Identification_Base from sch; XPath and Schema incomplete
- 374 [namespace-registry] - add "clipper"
- 378 IMTool/LDDTool still attempts to process dLDD ingested into Protégé
- 386 [namespace-registry] - add "ebt"
- 390 [namespace-registry] - add "kpds"
- 391 Geometry Partitioning - CCB-256 - Assert message formatting.
- 395 [namespace-registry] - add "dart"
- 398 Geometry Partitioning - CCB-256 - geom.Coordinate_Space_Reference - resolve Error Missing Component - component_of
- 406 [namespace-registry] - add "kplo"