

Release Notes

PD4 Information Model Version 1.20.0.0 (1.K.0.0)

Build 13.1 Release

March 10, 2023

These notes detail the changes made to the PDS4 Information Model and contained in Release 1.20.0.0 (1.K.0.0). These changes include SCRs approved by the CCB and bug fixes. The released documents include:

1. index_1J00.html – Information Model Specification
2. PDS4_PDS_1J00.xsd – Common Schema
3. PDS4_PDS_1J00.sch – Common Schematron
4. PDS4_PDS_1J00.xml – Label for Common Schema and Schematron files
5. PDS4_PDS_DD_1J00.html – Data Dictionary (html)
6. PDS4_PDS_DD_1J00.pdf – Data Dictionary (pdf)
7. PDS4_PDS_JSON_1J00.JSON – Information Model (JSON)

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

1. CCB-325 - Support for video and audio as product observational
2. CCB-345 - Target_Identification attribute target, add Sky enumeration
3. CCB-350 - Adopt more rigorous/stringent rules for date/time strings.
4. CCB-354 - Add new permissible values to Header/parsing_standard_id to support new versions of CDF
5. CCB-355 - Add Funding_Acknowledgement class to Citation_Information Class
6. CCB-357 - Create Product_External
7. CCB-360 - Add new permissible value to Units_of_Misc
8. CCB-361 - Add a permissible value for microradians to Units_of_Angle
9. CCB-362 - Add a permissible value of nm/mm to Units_of_Misc

Bug Fixes and other LDDTool Changes

1. 467 - Add flags to support generation of TTL/OWL files
2. 505 - Add new namespace "mro"
3. 506 - Correct namespace "hyb2"
4. 507 - Fix bug generating BepiColombo SERENA dictionary
5. 552 - Add new namespace "sb"
6. 575 - Add new namespace "lucy"
7. 580 - LDDTool not including permissible value in DD DocBook file
8. 596 - Stage_1K00
9. 606 - LDDTool to generate one DocBook file per LDD
10. 620 – Add flags and export RDF/OWL file