

Release Notes

PD4 Information Model Version 1.5.0.0

Build 6a Release

Modified (*Italics*) – November 10, 2015

September 30, 2015

These notes detail the changes made to the PDS4 Information Model and contained in Release 1.5.0.0. These changes include those approved by the CCB since Version 1.4.0.0 and bug fixes since Version 1.4.0.0. The released documents include:

1. index_1500.html – Information Model Specification
2. PDS4_PDS_1500.xsd – Common Schema
3. PDS4_PDS_1500.sch – Common Schematron
4. PDS4_PDS_1500.xml – Label for Common Schema and Schematron
5. PDS4_PDS_DD_1500.html – Data Dictionary (html)
6. PDS4_PDS_DD_1500.pdf – Data Dictionary (pdf)
7. PDS4_PDS_JSON_1500.JSON – Information Model (JSON)
8. PDS4_PDS_SKOS_1500.ttl – Information Model (SKOS)
9. PDS4_DISP_1500.xsd – Display LDD Schema
10. PDS4_DISP_1500.sch – Display LDD Schematron
11. PDS4_DISP_1500.xml – Label for Display Schema and Schematron

CCB approved changes made since the release of Version 1.4.0.0

1. CCB-78 - Formalize List of Acceptable Supplemental Formats for Document_File.document_standard_id
2. CCB-87 - Fix omission of Excel from list of Acceptable Supplemental formats for Document_File.document_standard_id (Made prior to 1.4.0.0)
3. *CCB-91 - add new legal values for instrument type – Modified 10/29/2015 - After DDWG recommendation and the writing of the Technical Assessment, CCB-91 was once again discussed and it was resolved to close CCB-91. No changes were made to the IM. CCB-91 should not have been included in the release notes.*

4. *CCB-106 - Move Description Attribute to Field from Its Subclasses - Modified 10/29/2015 - After CCB approval the requested change was made to the IM. However the implementation revealed a major impact and after DDWG discussion CCB-106 was withdrawn and the change was rolled-back. CCB-106 should not have been included in the release notes.*
5. CCB-110 - Updates to Appendix F of the DPH -- context product LIDs
6. CCB-111 - Add Product_Ancillary
7. CCB-112 - Request to add "Observation Geometry" to "purpose" value set in "Primary_Result_Summary"
8. CCB-113 - The "Telescope" context object still contains several problems that make it unusable
9. CCB-114 - Poorly defined record_delimiter in Table_Binary
10. CCB-115 - Undefined unit "SFU"
11. CCB-116 - instrument_host_version_id is undefined.
12. *CCB-117 - Change collection inventory file extension from ".tab" to ".csv" in PDS4 documents – Modified 11/10/2015 – CCB-117 does not affect the IM. CCB-117 should not have been included in the release notes.*
13. CCB-118 - Error in Generating Data Dictionary from Information Model
14. CCB-119 - Cannot supply context information for Product_XML_Schema
15. CCB-120 - Bug fixes for point release Version 1.4.1.0
16. CCB-122 - Create Target/type = Equipment (was resolve Target/type = Unknown)
17. CCB-123 - Augment Product_Service with Service class

Bug Fixes

1. Added subclasses to Data_Object for use in decision tree for product types.
E.g. Ancillary_Object.
2. Fixed descriptions for Software_Binary and Software_Source.
3. Augment Product_Service with Service class.
4. Added Information_Model_Version to the LID for Product_Attribute_Definition and Product_Class_Definition
5. Added "esa:psa" as allowed tokens in PDS4 product LIDs.
6. *Add "7-Bit ASCII Text" and "UTF-8 Text" as permissible value for <Stream_Text.parsing_standard_id>. Modified 11/10/2015 – This had been a known bug for some time. The bug fix enforces the SR requirement. This bug fix was accidentally omitted from the release notes.*