

Release Notes

PD4 Information Model Version 1.3.0.1

Build 5a Release

October 2, 2014

These notes detail the changes made to the PDS4 Information Model and contained in Release 1.3.0.1. These changes include bug fixes for Release 1.3.0.0. The released documents include an XML Schema file, Schematron file, data dictionary, and an information model specification document.

Note: This version of the release notes is an update to those released on September 29, 2014. The update involved adding CCB-63 and CCB-68 to the list of CCBs approved and implemented for Version 1.3.0.0.

Bug Fixes

1. Bug Fix for CCB-62 - Add standard values for "Units of Current"
 - a. Add Units_Of_Current to DD_Value_Domain and DD_Value_Domain_Full
2. Bug Fix for CCB-40 – Improve Consistency in Units Expressions
 - a. Validate deprecated unit values only for attributes with those units
3. Bug Fix - Included the specified "units of measure" as the schema attribute type for <unit>, for all PDS4 attributes defined with units of measure.
 - a. Fixed Bug Fix - Removed schematron rules for enumerated lists. The enumerated lists are now in the schema
4. Bug Fix – Add reference type "bundle_to_resource" to pds:Product_Bundle/pds:Reference_List/pds:Internal_Reference
5. Bug Fix - Change file names (SKOS and JSON) to conform to the naming convention of the schema files.
6. Bug Fix - Fixed apostrophe in descriptions of Group_Field_Character.group_location, Group_Field_Binary.group_location and Target_Identification.type
7. Bug Fix - Fixed unknown character in description of Product_Native
8. Bug Fix - Fixed problem with Greek Mu

--- Changes for V1.3.0.0 ---

These notes detail the changes made to the PDS4 Information Model and contained in Release 1.3.0.0. These changes include those approved by the CCB since Version 1.2.0.0 and bug fixes since Version 1.2.0.1. The released documents include an XML Schema file, Schematron file, data dictionary, and an information model specification document.

CCB approved changes made since the release of Version 1.2.0.1

1. CCB-32 - Add "ISIS2 History Label" to Header.parsing_standard_id
2. CCB-40 - Improve Consistency in Units Expressions
3. CCB-56 - Align DSV References in IM and SR
4. CCB-60 - Add "Calibration" to the Target_Identification <type> enumerated list.
5. CCB-62 - Add standard values for units of current
6. CCB-63 - Improve Product_Document Class/Attribute Structure
7. CCB-67 - Unintended constraints on ASCII_Integer values
8. CCB-68 - Missing enumerated values for local_reference_type in arrays
9. CCB-69 - (see CCB-40) - Reconcile formation of units between documentation and PDS4 namespace schemas.
10. CCB-70 - Bug fixes for version 1.3.0.0 – See list below
11. CCB-71 - Inappropriate permissible value lists for <Special_Constants> attributes
12. CCB-73 - Add "Microsoft Excel" as a document_standard_id enumerated value in Document_File
13. CCB-74 - Need a new standard value for <reference_type> in <Reference_List> in Product_Observational.
14. CCB-76 - Deprecated values for <inventory> <field_delimiter> are not reported.

Bug Fixes

10. Simplified schematron rules for enumerated values.
11. Removed duplicated context information in assertions for deprecation rules
12. Included deprecated enumerated values in schematron rules for enumerated list
13. Simplified context of schematron rule for logical_identifier validation
14. Changed cardinality of Target_Identification.type from 1..1 to 1..m
15. Included the specified "units of measure" as the schema attribute type for <unit>, for all PDS4 attributes defined with units of measure
16. (OPS) Ingest_LDD - Add terminological_entry to DD_Permissible_Value
 - a. - Add role to terminological_entry - possible roles (Facet, Slot, Harvested, Name, Alternate, Error)

- b. - Defined DD_Class_Reference and DD_Attribute_Reference and added the classes to DD_Rule and DD_Association
17. (OPS) - Add SIP Deep Archive (NSSDCA) product