

Release Notes

PD4 Information Model Version 1.4.0.0

Build 5b Release

March 31, 2014

These notes detail the changes made to the PDS4 Information Model and contained in Release 1.4.0.0. These changes include those approved by the CCB since Version 1.3.0.0 and bug fixes since Version 1.3.0.1. 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 1.3.0.1

1. CCB-83 - Align IM and SR Base Types for ASCII_NonNegative_Integer
2. CCB-84 - Provide Definitions for <formation_rule> Enumerated Values
3. CCB-85 - Improve Attribute and Enumerated Value Definitions (Simple List)
4. CCB-88 - Validation that counts match occurrences.
5. CCB-96 - Include the Array class in File_Area_Observational and File_Area_Observational_Supplemental and File_Area_Browse.
6. CCB-99 - Remove Array_1D from model
7. CCB-101 - Remove ASCII_Date, ASCII_Date_Time and ASCII_Date_Time_UTC from the Field classes.
8. CCB-102 - Change Cardinality of Axis_Array in Array and Its Subclasses
9. CCB-105 - Add name and description to Group class
10. CCB-109 - Add "Plasma Stream" to Target.type permissible values list and revise the Solar Wind context product

Bug Fixes

1. Lower case JSON exported file extension
2. Change cardinality of Document_Edition from 0..* to 1..* for Document
3. Filter out ANAME meta-attribute from Product_Attribute_Definitions
4. Replace angle brackets "<" with escape sequence in product_attribute_definition.
5. Modify the schemaLocation attribute in product_attribute_definition.

6. Clean up IM to remove all references to MD5 software. Only the algorithm should be referenced.
7. Clean several ASCII_Date* and ASCII_Date_Time* patterns.
8. Fix LID for Product_*_Definition; lowercase LID and add bundle:context
9. OPS – Added Property_Map to Ingest_LDD to support PDS4 Query Models and the auto-generation of SISes.