

Build 2c Scope

- Principal documents including the Standards Reference, Data Providers Handbook, and Concepts Document ready to be posted for public access. (NOTE: Documents may still have some TBD sections for more advanced aspects of PDS4).
- Support for additional data products including images and bit fields.
- Node testing of information model complete for build 2c DDWG test cases.
- Resolution of any major MAVEN and LADEE issues.
- Central catalog migrated to PDS4 infrastructure.
- Registry software ready for distribution to the nodes.

Build Phasing

Phase	Purpose	Release	Date
I Prototype Build 1	<ul style="list-style-type: none"> • Release a prototype Ingest Subsystem • Baseline PDS4 model, standards reference (beta release) • Support testing of Node interfaces • Support PDS4 product prototypes 	<ul style="list-style-type: none"> • PDS4 beta info model, standards reference, data dictionary, schemas baseline • Beta release of Harvest, Registry, Report and Security services • First set of process, documentation and tutorial 	October 2010
II Operational Build 2	<ul style="list-style-type: none"> • Initial operational PDS4 system and PDS4 Standards • Allow acceptance of PDS4 data into operational archive • Support LADEE, MAVEN and Migration Planning • Allow user to search and access to both PDS3 and PDS4 data 	<ul style="list-style-type: none"> • PDS4 beta info model, standards reference, data dictionary, schemas baseline • Production release of Harvest, Registry, Report and Security services • Validation and catalog ingest tools • Updated documentation • Transition from PDS3 catalog to PDS4 registry 	January 2012
III Operational Build 3 User Services Capabilities	<ul style="list-style-type: none"> • Incremental release of operational PDS4 system • Support data transformation • Support science services • PDS-wide deployment of PDS4 software 	<ul style="list-style-type: none"> • Registry, Harvest deployed at nodes • Initial PDS4 library software and transformation support • Search protocol deployed 	August 2012
IV Web/ Application Integration	<ul style="list-style-type: none"> • Integrated PDS-wide Web Applications with PDS4 • Updated look-n-feel for PDS4 	<ul style="list-style-type: none"> • Search protocol integrated into web applications • New PDS4 web infrastructure deployed • Sharing of data/services among nodes and IPDA 	April 2013

DDWG Testing

- PDS4 is at a point where PDS-wide testing is critical
- The purpose of the test is to validate the information model including:
 - Various science data products
 - Bundles, Collections
 - Documents
 - Data dictionaries (global and local)
 - Along with the process for generating PDS4 labels

Build2c Testing

- Aspects of the IM will be assigned to nodes by the DDWG
- Two-phased approach to be completed by end of May 2012
- Phase 1: test simple data products
 - PDS3 identified data products
- Phase 2: test advanced aspects of PDS4
 - Collections, bundles, documents, etc.