

PDS 2010 Project Review Plans

October 2009

Two Actions

- (Crichton, ASAP): For PDS 2010, develop a more detailed integration plan and add a system review
- (Crichton, October telecon): Provide a vetting plan which allows input of science requirements and is conducted by the DN managers.

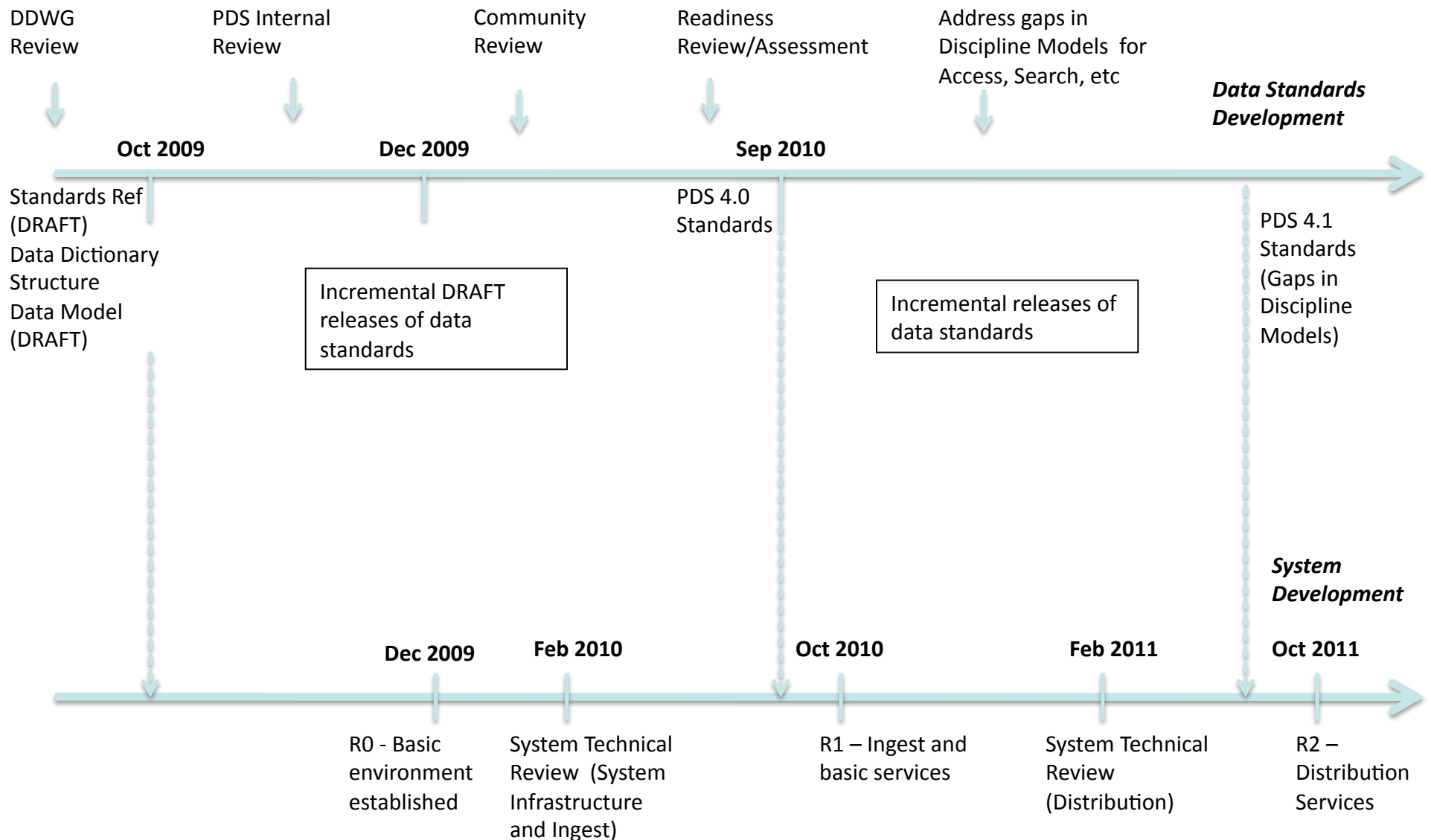
Review Plan

- Data Standards Review (Process, Content)
 - PDS Internal (milestone prior to next MC F2F)
 - Community (milestone after next MC F2F)
- System Design Review Plans
 - Individual Service Reviews (internal)
 - Technical System Reviews (Feb 2010; Feb 2011)
 - Software Design (technical)
 - Data Architecture and Design (technical)
 - Ingestion (Feb 2010); Distribution (Feb 2011)

Key Review Dates

Review	Date
PDS4 Data Stds Internal Assessment/ Science Requirements Vetting	November 2009
Individual Service Reviews	October 2009 – January 2010
System Review, Ingestion Subsystem	February 2010
PDS4 Data Stds Community Review	February 2010 – April 2010
PDS4 Data Stds Readiness Review	September 2010
Individual Service Reviews	October 2009 – January 2010
Distribution Subsystem Review	February 2011

PDS 2010 Project Dependencies and Review Plan



Upcoming Receivables and Deliverables*

Item	From	To	Date
PDS Website for XML Schema	System Design	Data Design	September 2009
PDS Namespace Model	Data Design	System Design	October 2009
Personnel Model	Data Design	System Design	October 2009
PDS 4 Review Material	Data Design	PDS Nodes	November 2009
Data Schema Dictionary	Data Design	System Design	November 2009
Product Model	Data Design	System Design	November 2009
General Search Model	Data Design	System Design	January 2010

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*** Broader list to be posted to the PDS 2010 project site**

Detailed Review Plans

- Data Standards (Internal Node Review)
 - See next slides
- Community Review
 - To be discussed at F2F meeting
- System Reviews
 - See next slides

Data Standards Review Plan

Internal Node Review

- Distribute Review Materials – Early November
 - Data Preparer's Handbook (DPH)
 - Standards Reference
 - Review Criteria and Instructions
- Perform Node Review – Middle November
 - For each node, **the DDWG representative conducts the node review for their node to identify any missing science requirements**
 - Issues captured using RFAs
- DDWG processes RFAs and produces report for review at 12/7 MC meeting.

PDS 2010 System & Service Reviews

- Service and Tool Reviews will occur prior to two larger system design reviews for Ingestion and then Distribution
- Service reviews will be conducted within PDS
- System reviews will include a formal review process and include external technical reviewers

System Services/Tools Reviews*

Service Description	Planned Review Date
Security Service	October 2009
Report Service	October 2009
Tools Review (Ingestion)	November 2009
Registry Services Review	December 2009
Dictionary Service	January 2010
Search Review	June 2010

*** We expect additional service and potentially some delta reviews/discussions**

System Review (formal)

- Includes System and Ingest Subsystem (for Feb 2010)
 - High Level Review of the System Design
 - Information Model (structure, management, interaction with the system)
 - Sub-system review of Ingest
- Ingest Subsystem
 - Dependent Services (carried forward from service reviews)
 - Planned Tool Support (carried forward from tool reviews)
 - Plan to support ingestion of LADEE and other prototype data sets

Feb 2010 System Review Logistics

- A review board will be convened
 - Design information will be presented
 - RFAs will be captured
 - Board will caucus and provide review comments
 - Crichton will report to the MC at March F2F

Questions?

Backup