Digital Preservation Repository Service Modernization – February 2025

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Project Description: Modernization of infrastructure and services constituting the Digital Preservation Repository (DRS) tool suite, which, by preserving Harvard's digital scholarly resources and institutional records for future (re)use by faculty, students, administrators, and staff, furthers the University's research, teaching, and learning mission and safeguards its legacy.

Overall Project Status

Overall Status	Project Status Description	Executive Summary
GREEN	- Metadata schema and content model finalized for ingestion tooling - Migration tooling design completed; initial testing in progress - S3 Mirror API enhancements underway, focusing on metadata compliance - Structure Editor, OCFL Module, and Collections Interface specifications approved, development initiated - Rolled out new DRS ingestion workflow to High Volume Depositors - Made significant progress on migration tooling development	- The DRS Futures project continues to advance toward key milestones, with a focus on migration tooling, metadata schema finalization, and LIBNOVA module development. - There are concerns regarding the efficiency of metadata update workflows. The team is working closely with LIBNOVA and internal stakeholders to address these issues proactively.

Project Health Metrics

Category	Current Status	Previous Status	Trend	Comments (optional)
Overall	GREEN	GREEN	↔	Project activities are on track
Resources	GREEN	GREEN	↔	Project team is fully resourced
Scope	GREEN	GREEN	↔	Project scope has been agreed on and accepted by stakeholders
Budget	GREEN	GREEN	↔	Project is currently on budget
Schedule	YELLOW	YELLOW	↔	The contracting process took longer than initially expected. Therefore, the implementation with vendor will start later than initially planned.

Upcoming Milestones / Deliverables

- OCFL basic validation – March 2025
- Rollout of new DRS ingestion workflow to Implementation Partners – March 2025
- Start development of ingesting tooling – April 2025
- Test migration tooling with sample migration set – April 2025
- Complete OCFL validation on local storage – May 2025