

MONTHLY PROJECT STATUS REPORT

Digital Preservation Repository Service Modernization – December 2024

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Sponsor: Martha Whitehead, Vice President for the Harvard Library and University Librarian and Roy E. Larsen Librarian for the Faculty of Arts and Sciences

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	<ul style="list-style-type: none"> Set up testing infrastructure and will be rolling out to early testers in January 2025 Completed metadata schema and content model pre-requisites for migration Made significant progress on migration tooling design Finalized Structure Editor specification. Development cycles will start in January 2025 Finalized OCFL and Collections Interface specification. Development cycles will start in January 2025 	<ul style="list-style-type: none"> The DRS Futures project made a significant progress across key components, including metadata finalization, Structure Editor specification, OCFL Module and Collections Interface specification planning and approval, and S3 Mirror workflow planning.

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

- Completion of Migration Tooling Design – Target: January 2025
- Completing of metadata and content model dependencies for ingestion workflow development – February 2025
- S3 Mirror API enhancements – February 2025
- OCFL basic validation – March 2025
- Development and Testing of Migration Tooling – Target: April 2025