Repository Platforms for Research Data: Addressing Requirements and Gaps

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  • Robert R. Downs, Michael Jones, Ralph Mueller-Pfefferkorn, João Rocha da Silva

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Visit https://www.rd-alliance.org/groups/repository-platforms-research-data.html
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RPRD IG Session Agenda

- Welcome and Introduction: Robert R. Downs
- Islandora: Mark Leggott
- Fedora and Samvera: David Wilcox
- Dataverse: Mercè Crosas
- KIT DM: Thomas Jejkal
- Dash: Daniella Lowenberg
- Questions and Discussion Among Participants
Addressing Requirements and Gaps

• **Ingest**
  • Automation and archival workflows, including pre-ingest services, format and integrity verification, and post-ingest routine integrity verification; capabilities for enhancing metadata and capturing provenance for both external and internal audiences; and ingest of large or complex data sets (with many files) and external administration (ingest, reports, etc.).

• **Operations**
  • Simple customization of submission form metadata and user interfaces for access, visualization, and download; adding to previously-archived data and versioning capabilities; security for publicly accessible content and capabilities for restricting access to confidential data; regular enhancements of tested updates, turn-key capabilities (out-of-the-box), and reduced need for programming (technological learning); integration with organization’s website, external tools, such as metadata catalogs, and other services; and opportunities for local support worldwide.

• **Sustainability**
  • Provision of hosted services and redundant failover and backup capabilities; low costs and/or subscription fees; and an efficient path for transferring content to future systems (on same or competing platforms).