Digital Preservation Strategy: directions towards realising the vision

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Progress to date

- Digital Preservation Strategy and roadmaps endorsed September 2014
- Published, available on Minerva Access
- Reviewed by international DP experts
- Presented at national and international conferences
- Communicated to Deans at UoM
- Implementation of Phase 1 underway
The Digital Preservation Strategy represents a clear vision: **to make the University’s digital product of enduring value available into the future**. Realising this vision will support the University’s functions, accountability and legacy. It will also facilitate communities of users to access digital assets of cultural, scholarly, and corporate significance over time.

The University of Melbourne will address this challenge through an **ongoing commitment** to capability building, training, knowledge exchange, practice, advocacy and assurance for the preservation of digital product.
Vision, mandate, scope

• Mandate:
  – The mandate for the preservation of digital product, including University Records, research product, and collections, derives from University rules, policies, authorities and strategies that refer to Victorian and Commonwealth legislation, national research and funding policies and the University’s strategy, Growing Esteem.

• Scope:
  – Research output
  – Research data and records
  – University records
  – Cultural collections
Moving Forward: Institutional Priorities

Goal 4: Consolidate and coordinate University services for supporting the management and preservation of research data and records (organisation)

Goal 3: Review and align University policies, workflows and processes related to the management and preservation of research data and records and support their implementation (policy)

Goal 1: Develop and implement a community engagement plan and training framework that articulates the transition in knowledge and skill development from research data management to digital preservation (culture)

• Digital Preservation and compliance
  – areas where DP is intrinsic to core business
  – Connection to and alignment with
    ‣ current/prospective funding requirements
    ‣ Archives and Records Management

• Embedding in business processes and strategic agendas
  – Research Data & Records Policy
  – Open Access Policy
  – DOIs for research data

• Cultural shift and integration
  – Digital Preservation “business-as-usual” model
  – Communications and training
• Cornerstone of the Research Repositories Ecosystem
  – DP platform only a subset, but core enabler of long-term archiving

Goal 2:
Implement a digital research data repository and digital archiving service underpinned by appropriate policies and standards to facilitate the management and preservation of research data and records (infrastructure)

• Business case and workflows
• Two priority roadmaps:
  – Research data and records
  – Research output

• Three phases:
  – Phase 1: Establishment (2015-2016)
  – Phase 3: Embedding (2017-2025)
Implementation considerations

• Standards and practice
• Workflows
• Preservation metadata
• Preservation Storage
• Policies and documentation
• Self-assessment and audit
Community based activities

• invitation to review and reform OAIS


• PREMIS 3.0: integration of preservation systems and tools that provide different functions in management and preservation

• METS 2.0: more use cases applying the proposed data model

• iPRES 2015 working session on understanding where we are with assessment models and processes -- how can we collaborate in this space?
  – TRAC, ISO 16363
Trending areas and placement

- Web archiving
- Emulation in production-level DP
- Digital forensics
- Software curation and preservation
- Self-assessment and audit