

The Australian Partnership for Sustainable Repositories



Dr Adrian Burton

Sustainable Data from Digital Fieldwork

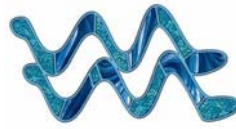
University of Sydney

5 December 2006



THE
DAWNING OF
THE AGE OF
ONLINE
COLLECTIONS

the Zodiac
art by KAGAYA



APSR Partners

The Australian National University

The University of Sydney

The University of Queensland

The National Library of Australia

The Australian Partnership for Advanced Computing



Supported by:

Backing

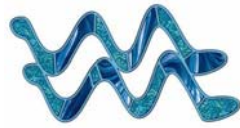
Australia's

Ability

The Australian Government's
Commitment to Innovation

An Innovative Action Plan for the Future

The Systemic Infrastructure Initiative

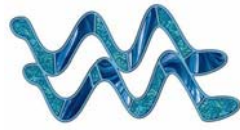


A Partnership to Promote Excellence in Managing Digital Collections

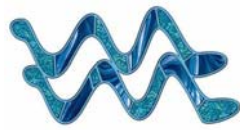
- PUBLICATIONS
- DEVELOPMENT
- OUTREACH
- CONSULTANCY

Digital Instruments

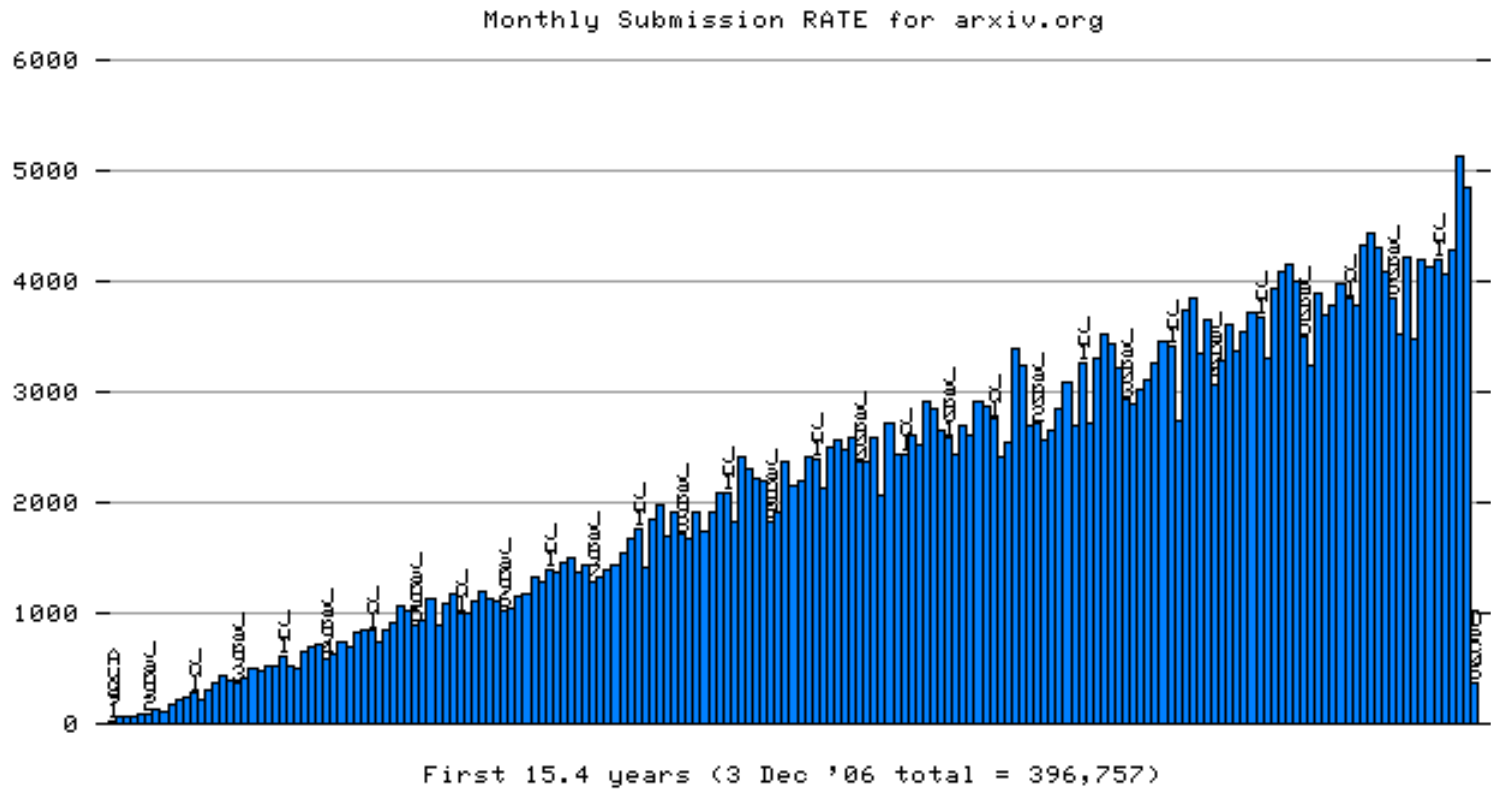
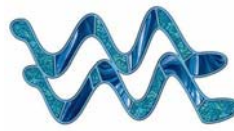
- Digital images
- Sound recordings
- Video
- Metadata
- Data sets
- Text



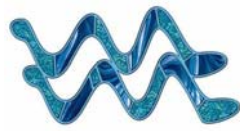
The Age of Online Collections



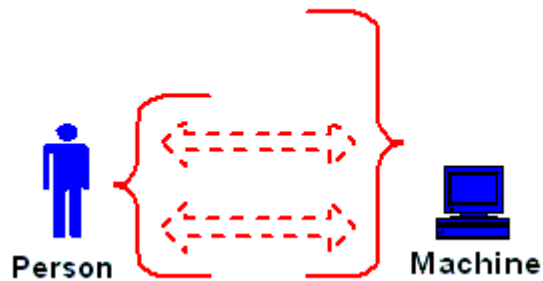
arXiv Submissions



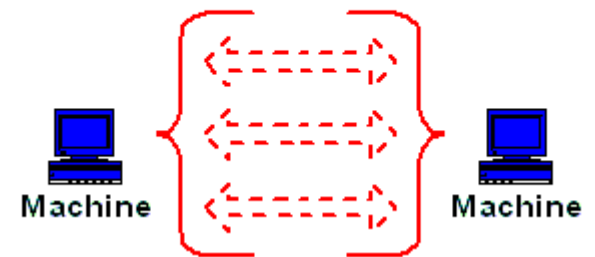
The Age of Online Collections

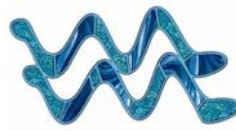


Mismatched Bandwidth

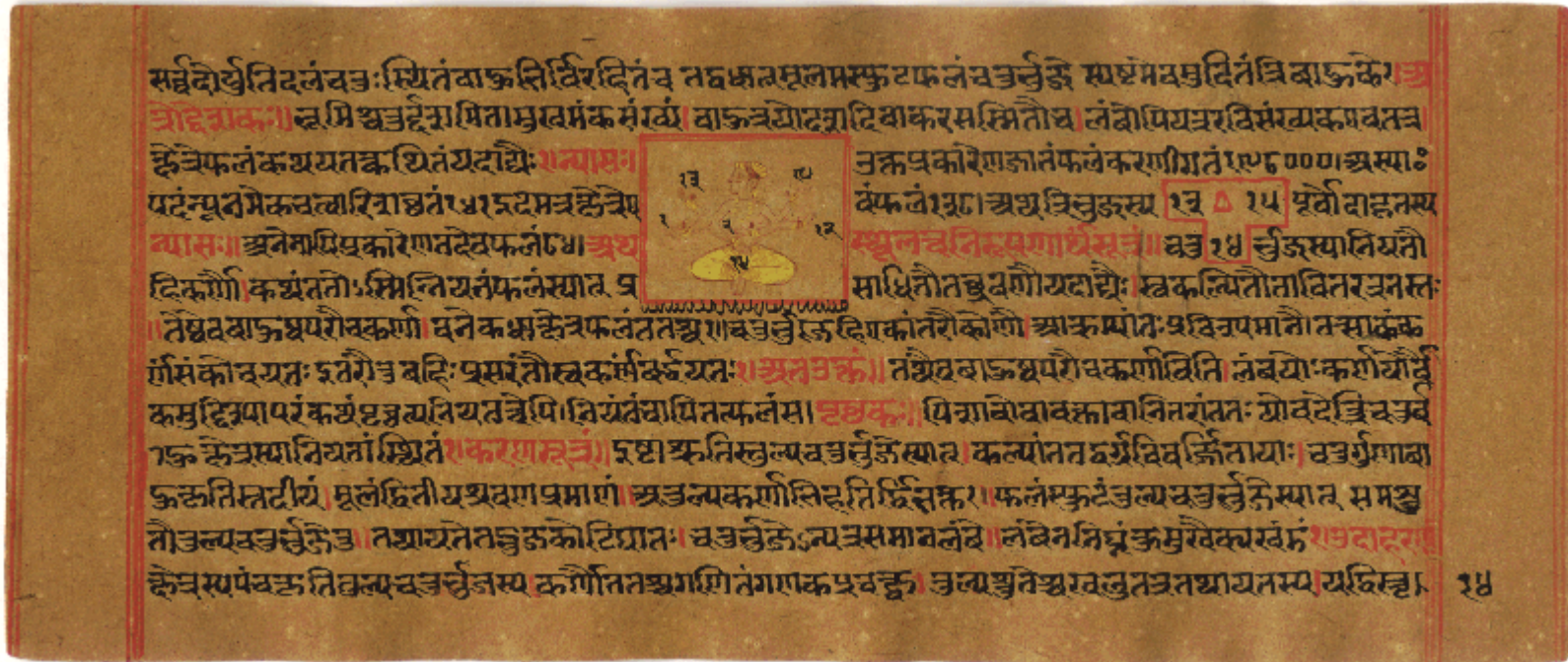


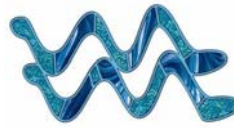
Dynamically Increasing Bandwidth





Digitisation





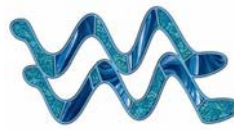
Sustainable Collections

Sustain the information beyond the life of its underpinning elements:

- technology
- personnel
- funding

Sustainability Strategies

eResearch Infrastructure

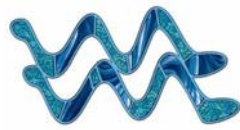


- Digital object management - technical
- Digital object management - academic
- Enabling the Human Network
- Developing the eResearch toolkit



Digital Object Management: Technical

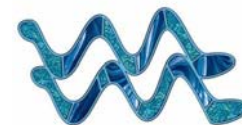
- Data Manipulation
- Technical Specifications
- Technical Standards
- Systems Architecture
- Preservation Strategies



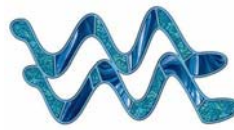
eResearch Infrastructure

Data Management Capability: Academic

- Schema of Metadata
- Data Structuring
- Ontology
- International Bodies
- Workflow
- Collaboration
- Governance & Stewardship
- Curation



eResearch Infrastructure

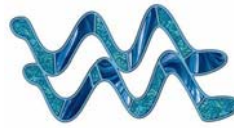


Enabling the Human Network

- Email lists
- Forums & Conferences
- Training & Workshops
- Network of eResearch experts
- Register of eResearch expertise
- Register of eResearch collections
- International Linkages



eResearch Infrastructure



Contacts

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