

Digital curation in the Indigenous Data Network

Len Smith

Australian National University



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Background: International Indigenous Data Sovereignty movement

Empowered communities' data initiatives

Government data

Orphaned datasets

Recommendation: establish Indigenous Data Network to

- undertake inventory
 - identify issues
 - establish priorities
 - find resources
 - build on strengths
 - provide support
 - develop capacity
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The Indigenous Data Network

Steering Committee established, stake holders consulted, staff appointed


Administrative hub at University of Melbourne

Expert advisory panels to be established

Focus:

- People
- Country
- Language and culture

Challenges:

- Data preservation
 - Data development
 - Data access, sharing and integration
 - Capacity building
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Data priorities

Indigenous communities and organisations

Government data

Orphan datasets

Sharing and Integration

Community data initiatives

Empowered communities' data centres

Demonstrated impact on social and economic development, restorative justice, school attendance

Issues of resources, sustainability, expertise, access to wider databases

Sharing and integration...

Government data

Access by Indigenous communities and organisations to data about themselves

- Census
- Centrelink
- Medicare
- Hospitals
- BDM
- Etc etc

Issues of ownership, accessibility, confidentiality, etc

Access by researchers...

Orphan datasets

Genealogies and family histories

Community surveys

Health surveys

Land water and environment

Language

Inquiries

Research projects

Etc etc

Vision: full spectrum end-to-end curation

Build on experience with earlier projects

Context is everything

High-value datasets almost always a mixture of legacy and digital assets

So curation means:

- Preserving the original corpus
- Digitising for Web delivery
- Capturing content

Facilitate re-use, sharing, integration, transparency, auditability

Data integration

New era in Australia


Federal data sharing, linking

- Legal framework
- Standardised metadata, vocabularies

States and Territories lagging

Limited articulation with NGO and commercial sectors

Potential open data integration

- Data is not moved, ownership not affected
 - Metadata 'advertise' availability
 - Ontology, vocabulary, metadata challenges
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Building Indigenous capacity in digital curation

Archivists

Data scientists

Help needed