



HUMANITIES, ARTS & CULTURE DATA SUMMIT

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Torres Strait Islander Studies



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humanities.org.au | [#HACDS2018](https://twitter.com/HACDS2018)



AIATSIS

AUSTRALIAN INSTITUTE OF ABORIGINAL
AND TORRES STRAIT ISLANDER STUDIES

Transforming the archive

Digital preservation and access at AIATSIS

ADAM BELL



- To develop, **preserve** and provide **access** to a national collection of Aboriginal and Torres Strait Islander culture and heritage
- To use that national collection to strengthen and promote knowledge and understanding of Aboriginal and Torres Strait Islander culture and heritage

PRESERVATION

- Stabilize storage (1.8 PB)
- Improve workflow & task tracking
- Preservation functions (OAIS)
- Link objects and catalogue

ACCESS

- Licenses, access rights
- Catalogue
- Search, aggregation, sharing
- Vocabularies/ontology
- Persistent IDs

Digital literacy, data skills, consistent practices

NOW

- Manually seek and find data
- Copy & paste
- Paper & pencil
- Emails
- Working in siloed systems – eg. spreadsheets, FileMaker

SOON

- Work in the browser
- Tasks, objects, records have links
- We can easily import/export data

LATER

- Data is sync'd, aggregated and shared
- Automated workflows
- In the cloud
- Consistent practice & user experience

F

TO BE FINDABLE:

Assign a persistent identifier, described with rich metadata, indexed in a search engine.

A

TO BE ACCESSIBLE:

Make the data open and online. If it can't be open then access conditions are clearly defined.

I

TO BE INTEROPERABLE:

Use community agreed formats, language and vocabularies. Link to related information using identifiers.

R

TO BE RE-USABLE:

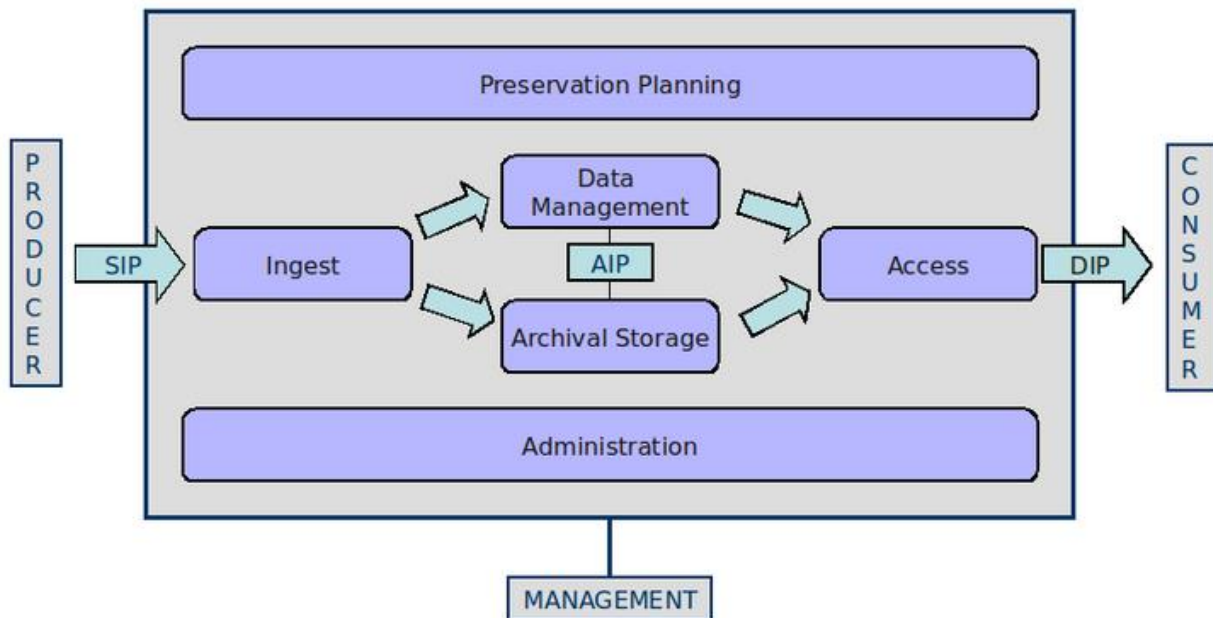
Give the data a clear machine readable license. Data is associated with their provenance. Data meets standards to support re-use. Data richness is maintained.



Use open standards and common platforms

- meet the needs of your users by building with proven solutions
- make users' experience of government more consistent, which generates trust
- save time and money by reusing things that are already available
- be more efficient by sharing data appropriately
- move between different technologies when you need to, avoiding vendor lock-in

Open Archival Information System (OAIS) reference model (ISO-STD 14721)





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