Establishing the Australian National Data Service (ANDS)

ANDS overview

- Goal: to deliver greater access to Australia's research data assets in forms that support easier and more effective data use and reuse
- Funded under the National Collaborative Research Infrastructure Strategy (NCRIS) at A$21M over three years, ending in June 2011
- Consortium of Monash University (lead agency), Australian National University, CSIRO
- Four programs: Developing Frameworks, Providing Utilities, Seeding the Commons, Building Capabilities

Provoking trends

- Era of increasing data-intensive research => increasing effort and funding will need to be diverted to data and data management over time
- Fixing data management problems is labour intensive and costly => standardisation/simplification in retention, storage, access and use of data must be made to keep costs manageable
- More data available online => possible to answer questions unrelated to reasons why data was collected originally, but work needed on control of/access to/federation between discipline-funded data

ANDS Programs

Developing Frameworks

- Influencing relevant national policies
- Building common understanding of data management across government, funding agencies, research intensive organizations
- Encouraging moves in favour of discipline-acceptable default sharing practices

Providing Utilities

- Range of discovery, services
- Persistent identifier minting and management
- Registry of data collections
- Technical consulting expertise

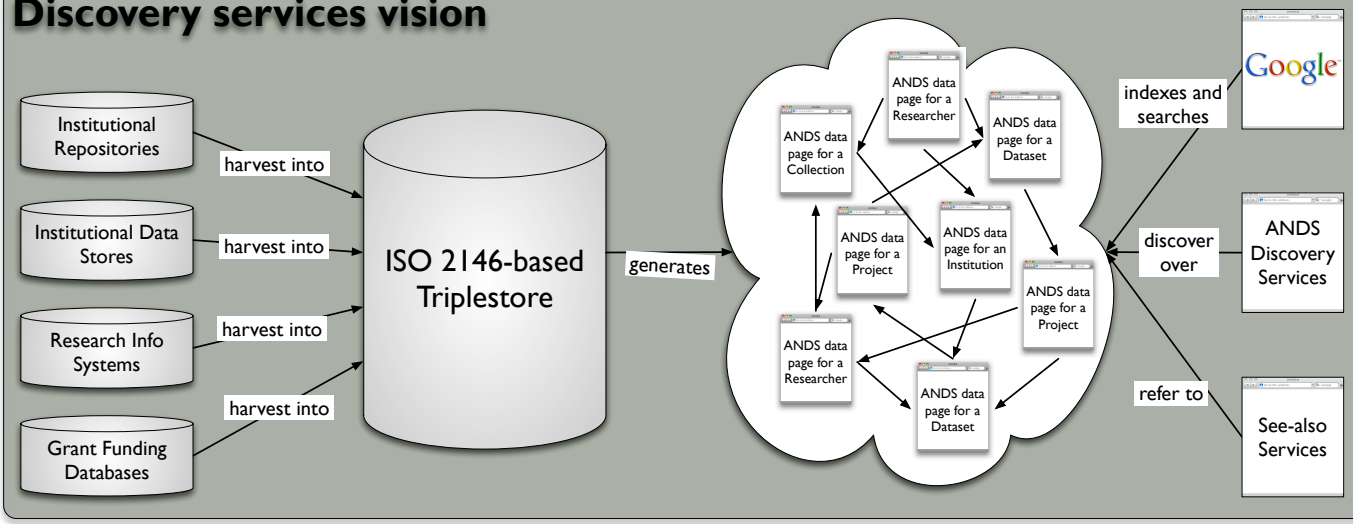
Seeding the Commons

- Targeted work with selected groups to improve data management practices and amount of content available
- EOI program to select groups
- Growing the Australian Research Data Commons as quickly as possible

Building Capabilities

- Improving level of capability for research data management
- Working with both early career researchers and research IT support
- Building a data management community of practice

Discovery services vision



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